

BID AWARD ANNOUNCEMENT

17-01-0617

Effective Dates:

June 30, 2016 to June 29, 2017

Refuse Truck Bodies



Coordinated by

The North Carolina Sheriffs' Association

Contact:

Jason Bennett

Director of Business Development

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jbennett@ncsheriffs.net

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EFFECTIVE DATES AND ORDERING INSTRUCTIONS

We are pleased to announce that the North Carolina Sheriffs' Association has successfully conducted its first statewide competitive bid for refuse trucks bodies and chassis. **This contract is effective beginning June 30, 2016 through June 29, 2017.**

Bids will be extended and guaranteed to any and all local governments and political subdivisions including, but not limited to, county, local county boards of public instruction, municipalities and/or police agencies, other public safety agencies or authorities within the State of North Carolina.

In order to ensure quality service for our user agencies, we are requesting each of you to notify the North Carolina Sheriffs' Association regarding any problems encountered in working with the awarded dealers. Any issues, including but not limited to, receipt of confirmation of order, delivery problems and communication problems, should be reported to us by e-mail at jbennett@ncsheriffs.net. This information will be considered in future bid awards in order to ensure that agencies are receiving the level of service required of dealers who wish to participate in this program.

All interested parties who wish to purchase from this contract may do so by following these simple procedures:

ORDERING INSTRUCTIONS

1. Contact the awarded dealership from which you wish to purchase and advise them of your interest to purchase from **NCSA Bid No. 17-01-0617**. They will assist you with the placement of your order and answer any questions you may have regarding the vehicles purchased through this program. **Through participation in the NCSA Refuse Truck Procurement Program, you can only purchase from a dealer who is listed as a winner for the vehicle you wish to purchase.**
2. **It is important to send a copy of your original refuse truck body or chassis purchase order (including NCSA's Contract No. 17-01-0617) to:**

North Carolina Sheriffs' Association
Post Office Box 20049
Raleigh, North Carolina 27619-0049
ATTN: Kaylyn Mitman, Cooperative Bid Coordinator

Or to - kmitman@ncsheriffs.net

3. Your agency is responsible for obtaining a "Confirmation of Order" from the respective dealership. Dealers are required to complete a "Confirmation of Order" and send it to the purchaser within fourteen (14) calendar days after receipt of purchase order. Purchasers are encouraged to contact the dealer if a "Confirmation of Order" has not been received

within a reasonable time. Purchasers are reminded that the issuance of a purchase order does not in itself guarantee the placement of an order.

4. Agencies which elect to purchase from this contract will incur the following administrative fee: Dealers have included a three-quarter of one percent (.0075) administrative fee in the base price and all add options that are listed. The three quarters of one percent (.0075) will also be included in any additional equipment (add options) the dealers quote to the governmental agencies.

AWARDED DEALERS

Amick Equipment Co., Inc.

2040 S. Third Street Ext
Mebane, NC 27302

Contact: Cameron Low
David Urmston

Phone:

Mobile: 704-380-5563

Fax: 704-360-2242

E-mail: cameron.low@amickequipment.com
david@amickequipment.com

Carolina Environmental Systems

306 Pineview Drive
Kernersville, NC 27284

Contact: Maxwell Taylor
Matt Keeble

Phone: 336-869-9900

Mobile: 336-650-2124

Fax: 336-904-0952

E-mail: gmanmlt@aol.com
mattkeeble@bellsouth.net

Carolina Freightliner of Raleigh

3500 Yonkers Road
Raleigh, NC 27604

Contact: Maury Rice

Phone: 919-231-2900 ext. 1225

Mobile: 919-219-5163

Fax:

E-mail: maury@carolinafreightliner.com

Excel Truck Center

4633 Equipment Drive
Charlotte, NC 28269

Contact: Tony Lyerly

Phone: 704-597-1110

Mobile: 704-506-4015

Fax: 704-597-7846

E-mail: tlyerly@exceltg.com

GSP Marketing

322 Lavansville Road
Somerset, PA 15501

Contact: Dave Cote

Phone: 814-445-5866

Mobile: 704-608-8126

Fax: 814-443-4966

E-mail: dave@g-sproducts.com

Peterbilt of Charlotte

3502 Jeff Adams Drive
Charlotte, NC 28206

Contact: Jim Riddle

Phone: 704-599-2311

Mobile: 704-619-0465

Fax:

E-mail: jhriddle@tlgtrucks.com

Peterbilt of Knoxville

1300 Buckner Road
Columbia, SC 29203

Contact: Steve Wiser
Phone: 803-832-7700
Mobile: 803-446-3443
Fax: 803-832-7711
E-mail: swiser@thepetestore.com

Southern Truck Service Inc.

PO Box 36483
Charlotte, NC 28246

Contact: Jim Easley
Phone: 800-542-6798
Mobile: 704-576-1716
Fax:
E-mail: stscce@yahoo.com

White/Herring Tractor and Truck, LLC

7045 Albert Pick Rd., PO Box 18605
Greensboro, NC 27409

Contact: Rick Beavan, Jr.
Phone: 800-632-1050 ext. 121
Mobile: 336-337-7307
Fax: 336-668-9536
E-mail: bb@whitetractor.com

Piedmont Peterbilt LLC

7061 Albert Pick Rd., PO Box 18603
Greensboro, NC 27419

Contact: Howie Dingess
Phone: 336-668-3050
Mobile: 336-669-4408
Fax: 336-665-0221
E-mail: hdingess@piedmontpeterbilt.com

Transource, Inc.

8808 Midway West Road
Raleigh, NC 27617

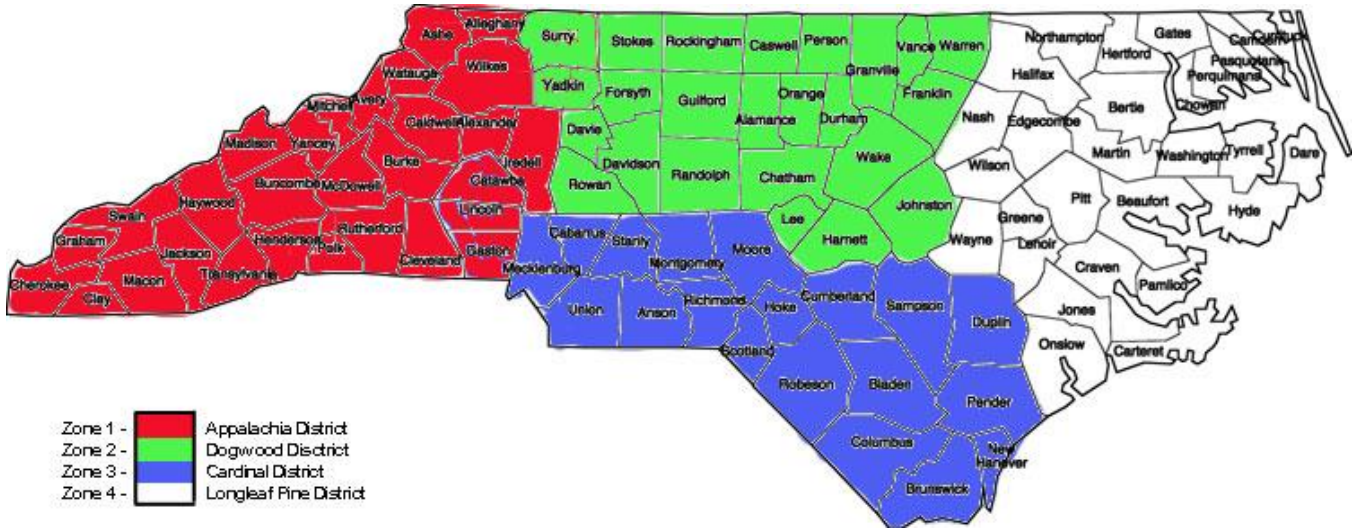
Contact: Matt Walsh
Rob Shaw
Bill Prater
Tom Stauffer
Dan Bland
Phone: 919-782-8785
Mobile:
Fax:
E-mail: NCSAContract@tsource.com

Young's Truck Center

3880 Jeff Adams Drive, PO Box 560007
Charlotte, NC 28206

Contact: Bruce Stadler
Phone: 704-597-0551
Mobile: 704-224-1401
Fax: 704-597-0043
E-mail: bstadler@advtrks.com

ZONE MAP





NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>AMPLIROL HOOKLIFT - 100 SERIES (Specification #01)</u>			
Amick Equipment Co., Inc.	2016 Amplirol 100 Series Hooklift	★Appalachia	\$20,270.00
Amick Equipment Co., Inc.	2016 Amplirol 100 Series Hooklift	★Dogwood	\$20,270.00
Amick Equipment Co., Inc.	2016 Amplirol 100 Series Hooklift	★Cardinal	\$20,270.00
Amick Equipment Co., Inc.	2016 Amplirol 100 Series Hooklift	★Longleaf Pine	\$20,270.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

AMPLIROL HOOKLIFT - 100 SERIES SPECIFICATION #1

2016 Amplirol 100 Series Hooklift

amplirol model 100 series hooklift CHASSIS SPECS - Lift CAPACITY: 20,000lb, Hoist WIDTH: 96" (with fenders installed), hoist LENGTH: varies (see below), Hoist HEIGHT above frame rail: 6.3", hoist weight: 2408 lbs; CAB OVER ENGINE: set at 800 rpm IDLE, with speed up option to 1200 rpm; ALLISON: rds transmission setup for pto and overspeed protection, kick out at 1550 rpm (Have chassis programmed with remote throttle up 1,200 rpm prior to shipping to Amplirol. Chassis must be set up for front mount pump if that option is chosen for body); CONVENTIONAL CAB - set at 800 rpm IDLE, with speed up option to 1200 rpm; ALLISON: rds transmission setup for pto and overspeed protection, kick out at 1550 rpm (Have chassis programmed with remote throttle up 1,200 rpm prior to shipping to Amplirol. Chassis must be set up for front mount pump if that option is chosen for body); chassis specifications: wheelbase and axle ratings depend on frame rail length. consult contract holder prior to ordered chassis for correct specifications based on hoist model ordered; minimums: CHASSIS GVWR: 26,000lb to 35,000 lb; FRONT AXLE: 8,000 lb to 10,000 lb, REAR AXLE: 18,000 LB to 23,000 lb; usable ca (cab to center of rear axle): 96" to 150"; AFTER FRAME: 26"; A hook style roll-off for loading and unloading cans, bodies and implements.

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. SPECIFICATIONS

- a. Lifting Capacity - 20,000#
- b. Container/Body Lengths - 11' to 17' 6"
- c. Container height above truck frame - 6.3"
- d. Maximum Dump Angle - 54 degrees
- e. Hook Height - 54" (Adjustable hook available as option)
- f. Hooklift articulation for dump - Double
- g. Jib Style - Sliding
- h. Jib Construction Form fitted - No pads needed
- i. Jib safety valve to prevent retracting - Proxy
- j. Container / Body locks - Mechanical locks 4" forward of travel of Jib
- k. Holding locks - All cylinders will have bypass system locks and counter balance valves for safety while dumping
- l. Dump Cylinder(s) - Dual Cylinders for stability
- m. Hoist Sub-Frame- Z Formed for strength to reduce stress. 6.3" Maximum height
- n. Rear Pivot - Brass bushing, hardened steel pins and grease fittings

2. HYDRAULIC SYSTEM

- a. Oil reservoir - 7 Gallons
- b. Pump (PTO) - 11 GPM @ 1200 RPM
- c. Operating Pressure - 5000 PSI Max
- d. Hoses - 5 to 1 burst rating
- e. Return Filter - 10 Micron
- f. Suction Filter - 141 micron in tank
- g. Engine RPM range - Idle to 1550RPM

3. ELECTRICAL

- a. Weather proof connections
- b. Color coded wiring
- c. DOT approved side and rear Marker/Stop turn and Backup lights

4. WARRANTIES

- a. 1 Year Body Warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

AMPLIROL HOOKLIFT - 100 SERIES SPECIFICATION #1

2016 Amplirol 100 Series Hooklift

The Amplirol 100 Series Hooklift purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$20,270.00	\$20,270.00	\$20,270.00	\$20,270.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	100 Series Hooklift			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$20,270.00	\$20,270.00	\$20,270.00	\$20,270.00

Order Code	Add Options	All Zones
AL100SS12 ¹	AL100SS-12: 12Ft Length	(\$600.00) ¹
AL100S15 ¹	AL100S-15: 15Ft Length	(\$600.00) ¹
AL100L16 ¹	AL100L-16: 16Ft Length	Std ¹
AL100SST12 ¹	AL100SST-12: 12Ft Length w/ Adjustable hook from 36" to 54"	\$3,800.00 ¹
AL100ST15 ¹	AL100ST-15: 15Ft Length w/ Adjustable hook from 36" to 54"	\$3,800.00 ¹
AL100LT-16 ¹	AL100LT-16: 16Ft Length w/ Adjustable hook from 36" to 54"	\$4,200.00 ¹
ALAirShift ¹	Air Shift PTO <i>Only compatible with manual and "automated" (eaton ultrashift etc.) transmissions¹</i>	\$1,185.00 ¹
ALHotShift ¹	Hot Shift PTO Allison 3000 series trans	\$1,930.00 ¹
ALHotShift ¹	Hot Shift PTO Allison 4000 series trans	\$1,930.00 ¹
SAE41 ¹	41L SAE Pump in leu of DIN <i>Upgrade from standard pump¹</i>	\$138.00 ¹
MC4112F20H ¹	Hydraulic Controls in Cab <i>Order for "T" Models - MC4112F30H¹</i>	\$3,750.00 ¹
FC411220A ¹	Air Operated Controls in Cab <i>Order for "T" Models - FC411230A¹</i>	\$3,100.00 ¹
FC411220C ¹	Cable Operated Controls in Cab <i>Order for "T" Models - FC411230C¹</i>	\$2,770.00 ¹
ALPB ¹	Add power beyond to valve above	\$135.00 ¹
13kLiftSteer ¹	13,200lb Steerable Pusher axle <i>Includes single set of steel wheels and tires¹</i>	\$7,890.00 ¹
13kLiftRigid ¹	13,200lb Rigid Pusher axle <i>Includes single set of steel wheels and tires¹</i>	\$6,925.00 ¹
Mount ¹	Full mount on ready chassis <i>Includes mount, black paint, oil & misc parts.¹</i>	\$5,675.00 ¹
5.414N ¹	Single metal diamond plate fender each side (2) Total for single rear axle <i>Includes set of 2 fenders. Fenders sized for 22.5 tires. If 19.5 tires are used, please specify on order.¹</i>	\$400.00 ¹
5.414P22.5 ¹	Single plastic fender each side (2) Total for single rear axle <i>Includes set of 2 fenders. Fenders sized for 22.5 tires. If 19.5 tires are used, please specify on order.¹</i>	\$420.00 ¹
5.414 ¹	Dual metal diamond plate fender each side (4) Total for tandem rear axle <i>Includes set of 4 fenders.¹</i>	\$800.00 ¹
5.414P22.5STAND ¹	Dual plastic fender each side (4) Total for tandem rear axle <i>Includes set of 4 fenders.¹</i>	\$840.00 ¹
Rear Strobe ¹	Strobe Lights (2) on rear bumper with switch in cab <i>LED, Amber¹</i>	\$380.00 ¹
Front Rear Strobe ¹	Strobes (2 Front and 2 Rear) on rear bumper and front grill <i>LED, Amber¹</i>	\$760.00 ¹

VEHICLE:	100 Series Hooklift			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$20,270.00	\$20,270.00	\$20,270.00	\$20,270.00

A6.20 + Licplbrk ¹	96" Rear bumper, HD build w/ lights <i>Standard DOT Lighting Pkg. Center Open for future hitch. Order A6.20 + Licplbrk¹</i>	\$390.00 ¹
Hook 54-61 ¹	Change Hook Height on Jib <i>Change jib height from 54" to 61 3/4" permanently¹</i>	\$400.00 ¹
A6.20LED ¹	LED bumper light upgrade	\$150.00 ¹
RearCamera ¹	Camera System, single rear view with 7" in cab monitor	\$1,075.00 ¹
181836 Toolbox ¹	Frame mounted Toolbox 36" x 18" x 18" <i>Black, Steel¹</i>	\$650.00 ¹
Worklights ¹	Rear Work lights on rear fenders (2) with switch in cab	\$390.00 ¹
POR ¹	Custom fabrication and options available. Consult contract holder for pricing and options.	NA ¹
	Installed tarp system, consult contract holder for brand, model and pricing <i>tarp systems are quoted as a non-standard option.¹</i>	NA ¹
Blk Paint ¹	Body Polyurethane Enamel Paint - Black Gloss	Incl. ¹
Color Paint ¹	Body Polyurethane Enamel Paint - Customer Supplied Paint Color (Code Required)	\$900.00 ¹
Metallic ¹	Metallic Upcharge for body paint <i>Additional above custom color¹</i>	\$350.00 ¹
	Other custom paint options available as non standard options <i>special paint options are a non-standard option. consult dealer for quote¹</i>	NA ¹
	Fire Extinguisher Mtd Under Body – 20 Lb	\$310.00
	Fire Extinguisher In Cab – 20 Lb	\$340.00
	Fire Extinguisher In Cab-10 Lb	\$180.00
	Fire Extinguisher In Cab-5 Lb	\$75.00
	Triangle Kit in Cab	\$35.00
	Water Cooler Mounted Under Body-5 Gallon	\$175.00
	Any and all chassis modifications are on a case by case. Consult mfg for pricing <i>all chassis modifications are a non-standard option. Contact the dealer for specification and pricing.¹</i>	NA ¹
	Alternative fuels systems (CNG, Propane, Store Energy, etc) Consult contract holder for pricing <i>All special fuels are a non-standard option. consult dealer for applications and pricing.¹</i>	NA ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>AMPLIROL HOOKLIFT - 120 SERIES (Specification #02)</u>			
Amick Equipment Co., Inc.	2016 Amplirol 120 Series Hooklift	★Appalachia	\$22,664.00
Amick Equipment Co., Inc.	2016 Amplirol 120 Series Hooklift	★Dogwood	\$22,664.00
Amick Equipment Co., Inc.	2016 Amplirol 120 Series Hooklift	★Cardinal	\$22,664.00
Amick Equipment Co., Inc.	2016 Amplirol 120 Series Hooklift	★Longleaf Pine	\$22,664.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

AMPLIROL HOOKLIFT - 120 SERIES SPECIFICATION #2

2016 Amplirol 120 Series Hooklift

AMPLIROL MODEL 120 SERIES HOOKLIFT CHASSIS SPECS - LIFT CAPACITY: 26,000LB, HOIST WIDTH: 96" (WITH FENDERS INSTALLED), HOIST LENGTH: VARIES (SEE BELOW), HOIST HEIGHT ABOVE FRAME RAIL: 8.5", HOIST WEIGHT: 3307 LBS; CAB OVER ENGINE: SET AT 800 RPM IDLE, WITH SPEED UP OPTION TO 1200 RPM; ALLISON: RDS TRANSMISSION SETUP FOR PTO AND OVERSPEED PROTECTION, KICK OUT AT 1550 RPM (HAVE CHASSIS PROGRAMMED WITH REMOTE THROTTLE UP 1,200 RPM PRIOR TO SHIPPING TO AMPLIROL. CHASSIS MUST BE SET UP FOR FRONT MOUNT PUMP IF THAT OPTION IS CHOSEN FOR BODY); CONVENTIONAL CAB - SET AT 800 RPM IDLE, WITH SPEED UP OPTION TO 1200 RPM; ALLISON: RDS TRANSMISSION SETUP FOR PTO AND OVERSPEED PROTECTION, KICK OUT AT 1550 RPM (HAVE CHASSIS PROGRAMMED WITH REMOTE THROTTLE UP 1,200 RPM PRIOR TO SHIPPING TO AMPLIROL. CHASSIS MUST BE SET UP FOR FRONT MOUNT PUMP IF THAT OPTION IS CHOSEN FOR BODY); CHASSIS SPECIFICATIONS: WHEELBASE AND AXLE RATINGS DEPEND ON FRAME RAIL LENGTH. CONSULT CONTRACT HOLDER PRIOR TO ORDERED CHASSIS FOR CORRECT SPECIFICATIONS BASED ON HOIST MODEL ORDERED; MINIMUMS: CHASSIS GVWR: 32,000LB TO 44,000 LB; FRONT AXLE: 12,000 LB TO 14,000 LB, REAR AXLE: 20,000 LB TO 32,000 LB; USABLE CA (CAB TO CENTER OF REAR AXLE): 96" TO 138"; AFTER FRAME: 26"; A HOOK STYLE ROLL-OFF FOR LOADING AND UNLOADING CANS, BODIES AND IMPLEMENTS.

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. SPECIFICATIONS

- a. Lifting Capacity - 26,000#
- b. Container/Body Lengths - 10' to 16'
- c. Container height above truck frame - 8.5"
- d. Maximum Dump Angle - 60 degrees
- e. Hook Height - 54" or 61.75" (Adjustable hook available as option)
- f. Hooklift articulation for dump - Double
- g. Jib Style - Sliding
- h. Jib Construction Form fitted - No pads needed
- i. Jib safety valve to prevent retracting - Proxy
- j. Container / Body locks - Mechanical locks 4" forward of travel of Jib
- k. Holding locks - All cylinders will have bypass system locks and counter balance valves for safety while dumping
- l. Dump Cylinder(s) - Dual Cylinders for stability
- m. Hoist Sub-Frame- Z Formed for strength to reduce stress. 8.5" Maximum height
- n. Rear Pivot - Brass bushing, hardened steel pins and grease fittings

2. HYDRAULIC SYSTEM

- a. Oil reservoir - 12 Gallons
- b. Pump (PTO) - 11 GPM @ 1200 RPM
- c. Operating Pressure - 5000 PSI Max
- d. Hoses - 5 to 1 burst rating
- e. Return Filter - 10 Micron
- f. Suction Filter - strainer in tank
- g. Engine RPM range - Idle to 1550RPM

3. ELECTRICAL

- a. Weather proof connections
- b. Color coded wiring
- c. DOT approved side and rear Marker/Stop turn and Backup lights

4. WARRANTIES

- a. 1 Year Body Warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

AMPLIROL HOOKLIFT - 120 SERIES SPECIFICATION #2

2016 Amplirol 120 Series Hooklift

The Amplirol 120 Series Hooklift purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$22,664.00	\$22,664.00	\$22,664.00	\$22,664.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	120 Series Hooklift			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$22,664.00	\$22,664.00	\$22,664.00	\$22,664.00

Order Code	Add Options	All Zones
AL120SS10 ¹	AL120SS-10: 10Ft Length	(\$330.00) ¹
AL120SS12 ¹	AL120SS-12: 12Ft Length	(\$535.00) ¹
AL120S14 ¹	AL120S-14: 14Ft Length	Std ¹
AL120L16 ¹	AL120L-16: 16Ft Length	\$65.00 ¹
ALAirShift ¹	Air Shift PTO <i>Only compatible with manual or "automated" (eaton ultrashift etc.) transmissions¹</i>	\$1,185.00 ¹
ALHotShift ¹	Hot Shift PTO Allison 3000 series trans	\$1,930.00 ¹
ALHotShift ¹	Hot Shift PTO Allison 4000 series trans	\$1,930.00 ¹
SAE41 ¹	41L SAE Pump in leu of DIN <i>Upgrade of factory standard pump¹</i>	\$138.00 ¹
MC4112F20H ¹	Hydraulic Controls in Cab	\$3,750.00 ¹
FC411220A ¹	Air Operated Controls in Cab	\$3,100.00 ¹
FC411220C ¹	Cable Operated Controls in Cab	\$2,770.00 ¹
ALPB ¹	Add power beyond to valve above	\$135.00 ¹
13kLiftSteer ¹	13,200lb Steerable Pusher axle <i>Includes single set of steel wheels and tires¹</i>	\$7,890.00 ¹
13kLiftRigid ¹	13,200lb Rigid Pusher axle <i>Includes single set of steel wheels and tires¹</i>	\$6,925.00 ¹
Mount ¹	Full mount on ready chassis <i>Includes mount, black paint, oil & misc parts.¹</i>	\$5,675.00 ¹
5.414N ¹	Single metal diamond plate fender each side (2) Total for single rear axle <i>ncludes set of 2 fenders. Fenders sized for 22.5 tires. If 19.5 tires are used, please specify on order.¹</i>	\$400.00 ¹
5.414P22.5 ¹	Single plastic fender each side (2) Total for single rear axle <i>Includes set of 2 fenders. Fenders sized for 22.5 tires. If 19.5 tires are used, please specify on order.¹</i>	\$420.00 ¹
5.414 ¹	Dual metal diamond plate fender each side (4) Total for tandem rear axle <i>Includes set of 4 fenders.¹</i>	\$800.00 ¹
5.414P22.5STAND ¹	Dual plastic fender each side (4) Total for tandem rear axle <i>Includes set of 4 fenders.¹</i>	\$840.00 ¹
Rear Strobe ¹	Strobe Lights (2) on rear bumper with switch in cab <i>LED, Amber¹</i>	\$380.00 ¹
Front Rear Strobe ¹	Strobes (2 Front and 2 Rear) on rear bumper and front grill <i>LED, Amber¹</i>	\$760.00 ¹
A6.20 ¹	96" Rear bumper, HD build w/ lights <i>Standard DOT Lighting Pkg. Center Open for future hitch. Order A6.20 + Licplbk¹</i>	\$390.00 ¹
A6.20LED ¹	LED bumper light upgrade	\$150.00 ¹
RearCamera ¹	Camera System, single rear view with 7" in cab monitor	\$1,075.00 ¹
181836 Toolbox ¹	Frame mounted Toolbox 36" x 18" x 18"	\$650.00 ¹

VEHICLE:	120 Series Hooklift			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$22,664.00	\$22,664.00	\$22,664.00	\$22,664.00

Hook 54-61 ¹	Change Hook Height on Jib <i>Change jib height from 54" to 61 3/4" permanently</i> ¹	\$400.00 ¹
Worklights ¹	Rear Work lights on rear fenders (2) with switch in cab	\$390.00 ¹
POR ¹	Custom fabrication and options available. Consult contract holder for pricing and options. <i>any custom fabrication is a non-standard option. consult dealer for specifications and pricing.</i> ¹	NA ¹
	Installed tarp system, consult contract holder for brand, model and pricing <i>all tarp systems are a non-standard option. Contact the dealer for specifications and pricing.</i> ¹	NA ¹
Blk Paint ¹	Body Polyurethane Enamel Paint - Black Gloss	Incl. ¹
Color Paint ¹	Body Polyurethane Enamel Paint - Customer Supplied Paint Color (Code Required)	\$900.00 ¹
Metallic ¹	Metallic Upcharge for body paint <i>In addition to custom color</i> ¹	\$350.00 ¹
	Other custom paint options available as non standard options <i>all custom paint is a non-standard option. contact the dealer for specification and pricing.</i> ¹	NA ¹
	Fire Extinguisher Mtd Under Body – 20 Lb	\$340.00
	Fire Extinguisher In Cab – 20 Lb	NA
	Fire Extinguisher In Cab-10 Lb	\$180.00
	Fire Extinguisher In Cab-5 Lb	\$75.00
	Triangle Kit in Cab	\$40.00
	Water Cooler Mounted Under Body-5 Gallon	\$175.00
	Any and all chassis modifications are on a case by case. Consult mfg for pricing <i>chassis modifications are a non-standard feature. consult dealer for specifications and pricing.</i> ¹	NA ¹
	Alternative fuels systems (CNG, Propane, Store Energy, etc) Consult contract holder for pricing <i>non-standard option. consult dealer for specifications and pricing.</i> ¹	NA ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>AMPLIROL HOOKLIFT - 140 SERIES (Specification #03)</u>			
Amick Equipment Co., Inc.	2016 Amplirol 140 Series Hooklift	★Appalachia	\$24,865.00
Amick Equipment Co., Inc.	2016 Amplirol 140 Series Hooklift	★Dogwood	\$24,865.00
Amick Equipment Co., Inc.	2016 Amplirol 140 Series Hooklift	★Cardinal	\$24,865.00
Amick Equipment Co., Inc.	2016 Amplirol 140 Series Hooklift	★Longleaf Pine	\$24,865.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

AMPLIROL HOOKLIFT - 140 SERIES SPECIFICATION #3

2016 Amplirol 140 Series Hooklift

AMPLIROL MODEL 140 SERIES HOOKLIFT CHASSIS SPECS - LIFT CAPACITY: 35,000LB, HOIST WIDTH: 96" (WITH FENDERS INSTALLED), HOIST LENGTH: VARIES (SEE BELOW), HOIST HEIGHT ABOVE FRAME RAIL: 10.3", HOIST WEIGHT: 4510 LBS to 4994 lbs; CAB OVER ENGINE: SET AT 800 RPM IDLE, WITH SPEED UP OPTION TO 1200 RPM; ALLISON: RDS TRANSMISSION SETUP FOR PTO AND OVERSPEED PROTECTION, KICK OUT AT 1550 RPM (HAVE CHASSIS PROGRAMMED WITH REMOTE THROTTLE UP 1,200 RPM PRIOR TO SHIPPING TO AMPLIROL. CHASSIS MUST BE SET UP FOR FRONT MOUNT PUMP IF THAT OPTION IS CHOSEN FOR BODY); CONVENTIONAL CAB - SET AT 800 RPM IDLE, WITH SPEED UP OPTION TO 1200 RPM; ALLISON: RDS TRANSMISSION SETUP FOR PTO AND OVERSPEED PROTECTION, KICK OUT AT 1550 RPM (HAVE CHASSIS PROGRAMMED WITH REMOTE THROTTLE UP 1,200 RPM PRIOR TO SHIPPING TO AMPLIROL. CHASSIS MUST BE SET UP FOR FRONT MOUNT PUMP IF THAT OPTION IS CHOSEN FOR BODY); CHASSIS SPECIFICATIONS: WHEELBASE AND AXLE RATINGS DEPEND ON FRAME RAIL LENGTH. CONSULT CONTRACT HOLDER PRIOR TO ORDERED CHASSIS FOR CORRECT SPECIFICATIONS BASED ON HOIST MODEL ORDERED; MINIMUMS: CHASSIS GVWR: 45,000LB TO 60,000 LB; FRONT AXLE: 14,000 LB TO 18,000 LB, REAR AXLE: 32,000 LB TO 44,000 LB; USABLE CA (CAB TO CENTER OF REAR AXLE): 126" TO 204"; AFTER FRAME: 26"; A HOOK STYLE ROLL-OFF FOR LOADING AND UNLOADING CANS, BODIES AND IMPLEMENTS.

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. SPECIFICATIONS

- a. Lifting Capacity - 31,000# to 35,000#
- b. Container/Body Lengths - 13' to 22'
- c. Container height above truck frame - 10.63"
- d. Maximum Dump Angle - 61 degrees
- e. Hook Height - 54" or 61.75" (Adjustable hook available as option)
- f. Hooklift articulation for dump - Double
- g. Jib Style - Sliding
- h. Jib Construction Form fitted - No pads needed
- i. Jib safety valve to prevent retracting - Proxy
- j. Container / Body locks - Mechanical locks 4" forward of travel of Jib
- k. Holding locks - All cylinders will have bypass system locks and counter balance valves for safety while dumping
- l. Dump Cylinder(s) - Dual Cylinders for stability
- m. Hoist Sub-Frame- Z Formed for strength to reduce stress. 10.63" Maximum height
- n. Rear Pivot - Brass bushing, hardened steel pins and grease fittings

2. HYDRAULIC SYSTEM

- a. Oil reservoir - 12 Gallons
- b. Pump (PTO) - 15 GPM @ 1200 RPM
- c. Operating Pressure - 5000 PSI Max
- d. Hoses - 5 to 1 burst rating
- e. Return Filter - 10 Micron
- f. Suction Filter - strainer in tank
- g. Engine RPM range - Idle to 1550RPM

3. ELECTRICAL

- a. Weather proof connections
- b. Color coded wiring
- c. DOT approved side and rear Marker/Stop turn and Backup lights

4. WARRANTIES

- a. 1 Year Body Warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

AMPLIROL HOOKLIFT - 140 SERIES SPECIFICATION #3

2016 Amplirol 140 Series Hooklift

The Amplirol 140 Series Hooklift purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$24,865.00	\$24,865.00	\$24,865.00	\$24,865.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	140 Series Hooklift			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$24,865.00	\$24,865.00	\$24,865.00	\$24,865.00

Order Code	Add Options	All Zones
AL140/1400-16 ¹	AL140/1400-16: 16Ft Length	(\$1,420.00) ¹
AL140/1400-18 ¹	AL140/1400-18: 18Ft Length	(\$1,420.00) ¹
AL140/1600-15 ¹	AL140/1600-15: 15Ft Length	(\$940.00) ¹
AL140/1600-17 ¹	AL140/1600-17: 16Ft Length	(\$940.00) ¹
AL140/1600-18 ¹	AL140/1600-18: 18Ft Length	(\$475.00) ¹
AL140/1600-20 ¹	AL140/1600-20: 20Ft Length	Std ¹
ALAirShift ¹	Air Shift PTO <i>Only compatible with manual and "automated" (eaton ultrashift etc.) transmissions¹</i>	\$1,185.00 ¹
ALHotShift ¹	Hot Shift PTO Allison 3000 series trans	\$1,930.00 ¹
ALHotShift ¹	Hot Shift PTO Allison 4000 series trans	\$1,930.00 ¹
SAE41 ¹	41L SAE Pump in leu of DIN	\$138.00 ¹
MC4112F20H ¹	Hydraulic Controls in Cab	\$3,750.00 ¹
FC411220A ¹	Air Operated Controls in Cab	\$3,100.00 ¹
FC411220C ¹	Cable Operated Controls in Cab	\$2,770.00 ¹
ALPB ¹	Add power beyond to valve above	\$135.00 ¹
13kLiftSteer ¹	13,200lb Steerable Pusher axle <i>Includes single set of steel wheels and tires¹</i>	\$7,890.00 ¹
13kLiftRigid ¹	13,200lb Rigid Pusher axle <i>Includes single set of steel wheels and tires¹</i>	\$6,925.00 ¹
Mount ¹	Full mount on ready chassis <i>Includes mount, black paint, oil & misc parts.¹</i>	\$5,675.00 ¹
5.414N ¹	Single metal diamond plate fender each side (2) Total for single rear axle <i>Includes set of 2 fenders. Fenders sized for 22.5 tires. If 19.5 tires are used, please specify on order.¹</i>	\$400.00 ¹
5.414P22.5 ¹	Single plastic fender each side (2) Total for single rear axle <i>Includes set of 2 fenders. Fenders sized for 22.5 tires. If 19.5 tires are used, please specify on order.¹</i>	\$420.00 ¹
5.414 ¹	Dual metal diamond plate fender each side (4) Total for tandem rear axle <i>Includes set of 4 fenders.¹</i>	\$800.00 ¹
5.414P22.5STAND ¹	Dual plastic fender each side (4) Total for tandem rear axle <i>Includes set of 4 fenders.¹</i>	\$840.00 ¹
Rear Strobe ¹	Strobe Lights (2) on rear bumper with switch in cab <i>LED, Amber¹</i>	\$380.00 ¹
Front Rear Strobe ¹	Strobes (2 Front and 2 Rear) on rear bumper and front grill <i>LED, Amber¹</i>	\$760.00 ¹
A6.20 ¹	96" Rear bumper, HD build w/ lights <i>Order Licplbrk with this option Standard DOT Lighting Pkg Center open for future installation of pintle hitch.¹</i>	\$390.00 ¹
A6.20LED ¹	LED bumper light upgrade	\$150.00 ¹
RearCamera ¹	Camera System, single rear view with 7" in cab monitor	\$1,075.00 ¹

VEHICLE:	140 Series Hooklift			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$24,865.00	\$24,865.00	\$24,865.00	\$24,865.00

181836 Toolbox ¹	Frame mounted Toolbox 36" x 18" x 18"	\$650.00 ¹
Worklights ¹	Rear Work lights on rear fenders (2) with switch in cab	\$390.00 ¹
Hook 54-61 ¹	Change Hook Height on Jib <i>Change jib height from 54" to 61 3/4" permanently ¹</i>	\$400.00 ¹
	Custom fabrication and options available. Consult contract holder for pricing and options. <i>any custom fabrication is non-standard. consult dealer for specification and pricing. ¹</i>	NA ¹
	Installed tarp system, consult contract holder for brand, model and pricing <i>tarps are a non-standard item. consult dealer for specifications and pricing. ¹</i>	NA ¹
Blk Paint ¹	Body Polyurethane Enamel Paint - Black Gloss	Incl. ¹
Color Paint ¹	Body Polyurethane Enamel Paint - Customer Supplied Paint Color (Code Required)	\$900.00 ¹
Metallic ¹	Metallic Upcharge for body paint <i>Upcharge in addition to custom color ¹</i>	\$350.00 ¹
	Other custom paint options available as non standard options <i>custom paint is a non-standard item. contact dealer for specifications and pricing. ¹</i>	NA ¹
	Fire Extinguisher Mtd Under Body – 20 Lb	\$340.00
	Fire Extinguisher In Cab – 20 Lb	NA
	Fire Extinguisher In Cab-10 Lb	\$180.00
	Fire Extinguisher In Cab-5 Lb	\$75.00
	Triangle Kit in Cab	\$40.00
	Water Cooler Mounted Under Body-5 Gallon	\$175.00
	Any and all chassis modifications are on a case by case. Consult mfg for pricing <i>any chassis modifications are non-standard. consult dealer for specifications and pricing. ¹</i>	NA ¹
	Alternative fuels systems (CNG, Propane, Store Energy, etc) Consult contract holder for pricing <i>alternative fuels are non-standard. consult dealer for specifications and pricing. ¹</i>	NA ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>AMPLIROL HOOKLIFT - 160 SERIES (Specification #04)</u>			
Amick Equipment Co., Inc.	2016 Amplirol 160 Series Hooklift	★Appalachia	\$28,175.00
Amick Equipment Co., Inc.	2016 Amplirol 160 Series Hooklift	★Dogwood	\$28,175.00
Amick Equipment Co., Inc.	2016 Amplirol 160 Series Hooklift	★Cardinal	\$28,175.00
Amick Equipment Co., Inc.	2016 Amplirol 160 Series Hooklift	★Longleaf Pine	\$28,175.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

AMPLIROL HOOKLIFT - 160 SERIES SPECIFICATION #4

2016 Amplirol 160 Series Hooklift

AMPLIROL MODEL 160 SERIES HOOKLIFT CHASSIS SPECS - LIFT CAPACITY: 50,000LB, HOIST WIDTH: 96" (WITH FENDERS INSTALLED), HOIST LENGTH: VARIES (SEE BELOW), HOIST HEIGHT ABOVE FRAME RAIL: 10.3", HOIST WEIGHT: 5148 LBS TO 5730 LBS; CAB OVER ENGINE: SET AT 800 RPM IDLE, WITH SPEED UP OPTION TO 1200 RPM; ALLISON: RDS TRANSMISSION SETUP FOR PTO AND OVERSPEED PROTECTION, KICK OUT AT 1550 RPM (HAVE CHASSIS PROGRAMMED WITH REMOTE THROTTLE UP 1,200 RPM PRIOR TO SHIPPING TO AMPLIROL. CHASSIS MUST BE SET UP FOR FRONT MOUNT PUMP IF THAT OPTION IS CHOSEN FOR BODY); CONVENTIONAL CAB - SET AT 800 RPM IDLE, WITH SPEED UP OPTION TO 1200 RPM; ALLISON: RDS TRANSMISSION SETUP FOR PTO AND OVERSPEED PROTECTION, KICK OUT AT 1550 RPM (HAVE CHASSIS PROGRAMMED WITH REMOTE THROTTLE UP 1,200 RPM PRIOR TO SHIPPING TO AMPLIROL. CHASSIS MUST BE SET UP FOR FRONT MOUNT PUMP IF THAT OPTION IS CHOSEN FOR BODY); CHASSIS SPECIFICATIONS: WHEELBASE AND AXLE RATINGS DEPEND ON FRAME RAIL LENGTH. CONSULT CONTRACT HOLDER PRIOR TO ORDERED CHASSIS FOR CORRECT SPECIFICATIONS BASED ON HOIST MODEL ORDERED; MINIMUMS: CHASSIS GVWR: 50,000LB TO 70,000 LB; FRONT AXLE: 16,000 LB TO 20,000 LB, REAR AXLE: 40,000 LB TO 60,000 LB; USABLE CA (CAB TO CENTER OF REAR AXLE): 138" TO 200"; AFTER FRAME: 26"; A HOOK STYLE ROLL-OFF FOR LOADING AND UNLOADING CANS, BODIES AND IMPLEMENTS.

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. SPECIFICATIONS

- a. Lifting Capacity - 50,000#
- b. Container/Body Lengths - 12' to 22'
- c. Container height above truck frame - 10.63"
- d. Maximum Dump Angle - 49 to 56 degrees
- e. Hook Height - 61.75"
- f. Hooklift articulation for dump - Double
- g. Jib Style - Sliding
- h. Jib Construction Form fitted - No pads needed
- i. Jib safety valve to prevent retracting - Proxy
- j. Container / Body locks - Mechanical locks 4" forward of travel of Jib
- k. Holding locks - All cylinders will have bypass system locks and counter balance valves for safety while dumping
- l. Dump Cylinder(s) - Dual Cylinders for stability
- m. Hoist Sub-Frame- Z Formed for strength to reduce stress. 10.63" Maximum height
- n. Rear Pivot - Brass bushing, hardened steel pins and grease fittings

2. HYDRAULIC SYSTEM

- a. Oil reservoir - 17 Gallons
- b. Pump (PTO) - 23 GPM @ 1200 RPM
- c. Operating Pressure - 5000 PSI Max
- d. Hoses - 5 to 1 burst rating
- e. Return Filter - 10 Micron
- f. Suction Filter - strainer in tank
- g. Engine RPM range - Idle to 1550RPM

3. ELECTRICAL

- a. Weather proof connections
- b. Color coded wiring
- c. DOT approved side and rear Marker/Stop turn and Backup lights

4. WARRANTIES

- a. 1 Year Body Warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

AMPLIROL HOOKLIFT - 160 SERIES SPECIFICATION #4

2016 Amplirol 160 Series Hooklift

The Amplirol 160 Series Hooklift purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$28,175.00	\$28,175.00	\$28,175.00	\$28,175.00

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The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	160 Series Hooklift			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$28,175.00	\$28,175.00	\$28,175.00	\$28,175.00

Order Code	Add Options	All Zones
AL160/1700-2 ¹	AL160/1700-20: 20Ft Length	Std ¹
AL160/1800-20 ¹	AL160/1800-20: 20Ft Length	\$355.00 ¹
AL160/1900-22 ¹	AL160/1900-22: 22Ft Length	\$830.00 ¹
ALAirShift ¹	Air Shift PTO <i>Compatible with manual and "automated" (eaton ultrashift etc.) transmissions¹</i>	\$1,185.00 ¹
ALHotShift ¹	Hot Shift PTO Allison 3000 series trans	\$1,930.00 ¹
ALHotShift ¹	Hot Shift PTO Allison 4000 series trans	\$1,930.00 ¹
SAE63 ¹	41L SAE Pump in leu of DIN <i>63L SAE Piston Pump in leu of DIN¹</i>	\$138.00 ¹
MC-6320-20H ¹	Hydraulic Controls in Cab	\$3,850.00 ¹
FC-6320-20A ¹	Air Operated Controls in Cab	\$3,170.00 ¹
FC-6320-20C ¹	Cable Operated Controls in Cab	\$2,835.00 ¹
ALPB ¹	Add power beyond to valve above	\$135.00 ¹
13kLiftSteer ¹	13,200lb Steerable Pusher axle	\$7,890.00 ¹
13kLiftRigid ¹	13,200lb Rigid Pusher axle	\$6,925.00 ¹
Mount ¹	Full mount on ready chassis <i>Includes mount, black paint, oil & misc parts.¹</i>	\$5,930.00 ¹
	Single metal diamond plate fender each side (2) Total for single rear axle	NA
	Single plastic fender each side (2) Total for single rear axle	NA
5.414 ¹	Dual metal diamond plate fender each side (4) Total for tandem rear axle <i>Includes set of 4 fenders.¹</i>	\$800.00 ¹
5.414P22.5STAND ¹	Dual plastic fender each side (4) Total for tandem rear axle <i>Includes set of 4 fenders.¹</i>	\$840.00 ¹
Rear Strobe ¹	Strobe Lights (2) on rear bumper with switch in cab <i>LED, Amber¹</i>	\$380.00 ¹
Front Rear Strobe ¹	Strobes (2 Front and 2 Rear) on rear bumper and front grill <i>LED, Amber¹</i>	\$760.00 ¹
A6.20 ¹	96" Rear bumper, HD build w/ lights <i>Order Licplbrk with this option. Standard DOT Lighting Pkg. Center open for future installation of pintle hitch.¹</i>	\$390.00 ¹
A6.20LED ¹	LED bumper light upgrade	\$150.00 ¹
RearCamera ¹	Camera System, single rear view with 7" in cab monitor	\$1,075.00 ¹
181836 Toolbox ¹	Frame mounted Toolbox 36" x 18" x 18"	\$650.00 ¹
Worklights ¹	Rear Work lights on rear fenders (2) with switch in cab	\$390.00 ¹
Hook 61 to 54 ¹	Change Hook Height on Jib <i>Permenantly changes hook height to a fixed 54", Reduces capacity to 45,000 lbs. Manually adjustable hook height option available - Please consult Ampliroll rep for details¹</i>	NC ¹

VEHICLE:	160 Series Hooklift			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$28,175.00	\$28,175.00	\$28,175.00	\$28,175.00

AL160/2000-22 ¹	Change to 60,000# Lift Capacity <i>Upgrade to Model AL160/2000-22 ¹</i>	\$5,200.00 ¹
	Custom fabrication and options available. Consult contract holder for pricing and options. <i>custom fabrication is a non-standard item. contact dealer for specifications and pricing. ¹</i>	NA ¹
	Installed tarp system, consult contract holder for brand, model and pricing <i>tarps are non-standard items. consult dealer for specifications and pricing. ¹</i>	NA ¹
Blk Paint ¹	Body Polyurethane Enamel Paint - Black Gloss	Incl. ¹
Color Paint ¹	Body Polyurethane Enamel Paint - Customer Supplied Paint Color (Code Required)	\$800.00 ¹
Mettalic ¹	Metallic Upcharge for body paint <i>Upcharge in addition to custom color ¹</i>	\$350.00 ¹
	Other custom paint options available as non standard options <i>custom paint is a non-standard item. contact dealer for specifications and pricing. ¹</i>	NA ¹
	Fire Extinguisher Mtd Under Body – 20 Lb	\$340.00
	Fire Extinguisher In Cab – 20 Lb	NA
	Fire Extinguisher In Cab-10 Lb	\$280.00
	Fire Extinguisher In Cab-5 Lb	\$75.00
	Triangle Kit in Cab	\$40.00
	Water Cooler Mounted Under Body-5 Gallon	\$175.00
	Any and all chassis modifications are on a case by case. Consult mfg for pricing <i>any chassis modification is a non-standard item. Contact dealer for specifications and pricing. ¹</i>	NA ¹
	Alternative fuels systems (CNG, Propane, Store Energy, etc) Consult contract holder for pricing <i>alternative fuels are a non-standard item. contact dealer for specifications and pricing. ¹</i>	NA ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>G-S - 5735D (Specification #05)</u>			
GSP Marketing	2016 G-S 5735D	★Appalachia	\$62,871.86
GSP Marketing	2016 G-S 5735D	★Dogwood	\$62,871.86
GSP Marketing	2016 G-S 5735D	★Cardinal	\$62,871.86
GSP Marketing	2016 G-S 5735D	★Longleaf Pine	\$62,871.86



NORTH CAROLINA SHERIFFS' ASSOCIATION

G-S - 5735D SPECIFICATION #5

2016 G-S 5735D

Over-top loading, dual bin recyclables collection body - This specification describes a "Top-loading" style recyclables collection body designed for installation on a minimum 33,000 G.V.W.R. truck chassis. This machine is to be used in a "two-flow" collection operation. In order to achieve the most effective load distribution and to comply with both state and federal weight regulations paper products will be loaded toward the front of the body and co-mingled products toward the rear. A mid-body-mounted, hydraulically actuated materials compression panel will be provided. This panel must be capable of moving both fore and aft in the body and compressing both the paper products and the co-mingled products. The compression force of this panel must be independently adjustable so that both location and density of each material can be customized to the users best advantage

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY CAPACITY

- a. The body shall have a usable capacity of thirty-five (35) cubic yards exclusive of the loading bins
- b. The loading bins shall have a minimum usable capacity of fifty one and one half (51-1/2) cubic feet each

2. BODY DIMENSIONS

- a. Body length at floor - 220" - (not including bustle tailgate)
- b. Overall height above chassis - 99" (bin in "down" position)
- c. Overall height above chassis - 131" - (bin in full "up" position).
- d. Inside body width at floor - 51"
- e. Inside body width at roof - 82-1/2"
- f. Overall body width when positioned for travel - 102"
- g. Bin loading height - 40" - (39" frame height)

3. BODY CONSTRUCTION

- a. The body floor shall be constructed of 3/16" 80,000 P.S.I. steel plate
- b. The body floor cross-members shall be 1/4" x 2" x 3" formed steel channels interlaced with 6" x 10.5 lbs/ft structural channel longitudinals. Floor subassembly shall have nine (9) cross-members minimum
- c. Body sides shall be formed from twelve (12) gauge steel sheet with full length expanded steel windows located near the top
- d. Body top doors shall be fourteen (14) gauge formed steel sheet bolt mounted directly to the main top door lifting arms
- e. Body vertical bolsters shall be 2" x 3" x 3/16" wall structural steel tubing continuously welded to the body side sheets
- f. The upper body longitudinal channels shall be 8 3/4" x 1/4" formed steel channel. These channels must have 3" x 1/4"

abrasion resistant wear strips on both the inside top and inside bottom surfaces. This abrasion resistant material must have a minimum hardness of 400 BHN. These channel assemblies shall act as guide tracks for the materials compression panel

4. TAILGATE CAPACITY

- a. The tailgate shall have a usable capacity of four (4) cubic yards minimum

5. TAILGATE CONSTRUCTION

- a. Body tailgate shall be bustle type, top hinged, with heavy-duty hinges and locks. Pivots must have grease fittings
- b. Tailgate shall be equipped with a flow control device to assure smooth, even operation

6. TAILGATE OPERATION

- a. For greater operational stability and safety the tailgate shall be unlocked, raised, lowered, and re-locked with two 2 1/2" bore x 28" stroke double acting hydraulic cylinders
- b. All tailgate controls shall be located inside the truck cab within easy reach of the operator's position. I.E. tailgate operation shall not require exit of the cab by the driver. Controls shall be electric/air/hydraulic and spring returned to the "neutral" position

7. HYDRAULICS PUMP

- a. All body and lift functions shall be powered by a single-section gear type pump. This pump shall be powered by a transmission mounted "hot shift" power take off

8. HYDRAULICS CONTROL VALVE

- a. The body and lift functions shall be controlled by a single stack type air activated directional hydraulic valve. All controls for the body and lift shall be air/hydraulic. This directional control valve shall be equipped with a reliable system pressure protection device. The maximum system operating pressure shall be 2000 P.S.I.

9. HYDRAULIC RESERVOIR

- a. The body shall be equipped with a hydraulic reservoir with a minimum capacity of forty (40) gallons. This reservoir shall be equipped with a fill cap, breather, fluid level indicator and temperature gauge

10. HYDRAULIC FILTRATION AND SERVICE (SYSTEM CLEANLINESS AND PROTECTION AGAINST CONTAMINATION SHALL BE ACCOMPLISHED THROUGH THE USE OF THE FOLLOWING DEVICES)

- a. Return Line Filter - All oil shall be routed through a 10 micron filter. This filter shall be properly sized so that 100% of the flow is filtered under normal operating conditions without bypass.
- b. In-Line Shutoff - For ease of service the suction line shall be equipped with a shutoff valve plumbed adjacent to the reservoir
- c. Suction Strainer - A 100-mesh oil strainer must be installed in the hydraulic system suction line. This strainer must be serviceable without draining the system reservoir

11. HYDRAULICS PLUMBING

- a. All body and lift plumbing not requiring flexibility to complete its function must be constructed of seamless steel hydraulic tubing correctly sized for each operation. Plumbing requiring hoses shall be routed in such a way as to prevent rubbing, chaffing and undue bending

12. BODY UNLOADING BODY HOIST

- a. The body dump hoist shall be powered by one 6" front mounted dead lift type, telescopic cylinder with a capacity of 56,540 lbs. This cylinder must be mounted at the body front for easy service access. The dump hoist shall be configured so that the body is lifted to a dump angle of 40 degrees minimum

13. BODY UNLOADING MATERIALS COMPRESSION PANEL

- a. The mid-body hydraulic panel must be top hinged with air operated, in cab locking controls. When unlocked this panel must swing free leaving no part of the panel either along the body sides or floor to block movement of material from the front body compartment. When reconfigured for route operation the hinged panel must be locked into place by spring-loaded two inch (2") steel pins. This panel must be equipped with a status indicator, visible from ground level outside the body that shows the lock pins are either "unlocked" for unloading or "locked" for loading. The operator must NOT be required to enter the body or climb up onto the body to check the panel lock status

14. LOADING DEVICE FUNCTION

- a. The loading device must provide over the top loading of materials into the body
- b. The loading height of the bin shall be approximately 40"
- c. Each lifting mechanism and automatic top door must be operated by two (2), 4 1/2" bore x 16" stroke, hydraulic cylinders
- d. Lift cycle time shall be approximately 14-17 seconds
- e. When in the full dump position, the bin dump angle must be 52 degrees minimum, measured from a horizontal line parallel to the ground
- f. The loading bins shall tilt 5 degrees during the lift cycle to control spillage
- g. The loading bins must have flat back panels without any bends or breaks in the steel for easy bin cleanout during the dump cycle
- h. The body to bin top gap, (space between the loading bin and body sides and top) shall not exceed two (2) inches during the dump cycle. This prevents overhead spillage and reduces the need for cleanup
- i. Bins shall be track guided by roller bearing type steel rollers and stabilized by two lift arms, one on each end
- j. Loading bin lifting mechanism operation must be smooth and non-binding, regardless of uneven bin loading

15. LOADING DEVICE CONSTRUCTION

- a. Loading bin lifting arms and top door activating arms must be constructed of solid, high tensile steel plate, minimum allowable section modulus for loading bin lift arms shall be 3.0 cubic inches. Tubular load lifting components are not acceptable
- b. All loading bin lift arm connecting pins shall be 1.25" minimum diameter with spring steel bushings and grease fittings
- c. Loading bins shall be constructed of 12 Gauge sheet supported by a tubular steel frame

16. LOADING DEVICE CONTROLS

- a. Controls for each lifting mechanism shall be located immediately behind the chassis cab and convenient for operator access
- b. The lift control valve shall be a three - position air directional valve

17. MATERIALS COMPRESSION LEVEL FUNCTION

- a. The compression panel must be hydraulically actuated by two (2) 4" bore x 69" stroke double acting high duty cycle hydraulic cylinders. These cylinders must have self-aligning bushings at the base and rod connection points to allow for non-stress operation. All panel hydraulic cylinders, hoses and fittings must be mounted at the top of the recycling body to prevent damage and undue wear during operation
- b. Compaction force in each direction must be independently adjustable to assure optimum unit productivity. Factor pressure settings shall be 1500 P.S.I. (28,200 lbs force) for the front paper compartment and 1850 P.S.I. (46,500 lbs force) for the rear co-mingled compartment

18. MATERIALS COMPRESSION LEVEL CONSTRUCTION

- a. The panel upper main frame shall be constructed of 4" x 4" x 1/4" structural steel tubing
- b. The lower panel frame shall be 4" x 2" x 1/4" structural steel tubing
- c. The panel guides shall be 7" x 5" x 3/16" structural steel tubes. These tubes shall be 94 1/2" long and serve as both hydraulic cylinder enclosures and panel guides. These guide tubes must have 3" x 1/4" abrasion resistant wear strips along the top, bottom and outside surfaces. This abrasion resistant material must have a minimum hardness of 400 BHN
- d. The compression panel must be covered on both front and rear surface with 10 gauge steel sheet
- e. A hinged service access door must be provided
- f. The compression panel shall be locked into the "loading" mode by two (2) 2" diameter steel pins. These pins must be supported by and must lock into 1" steel plates. These lock pins must be spring loaded into the "lock" position with status indicators visible from ground level outside the recycling body
- g. The compression panel must be equipped with a location indicator that is visible from the operator's behind cab location
- h. The compression panel must have adjustable poly wipers along each side to prevent material migration

19. MATERIALS COMPRESSION LEVEL CONTROLS

- a. Panel movement controls shall be located at or near the rear of the chassis cab. These controls are to be three (3) position air directional valves
- b. Controls for unlocking the compression panel must be mounted inside the truck cab for convenient and safe operation

20. IN-CAB CONTROLS (THE FOLLOWING CONTROLS MUST BE MOUNTED INSIDE THE TRUCK CAB FOR SAFE

AND CONVENIENT OPERATION)

- a. Hydraulic system on/off switch
- b. Body tailgate control
- c. Body hoist control
- d. Partition lock/unlock control

21. LIGHTS

- a. Standard lights shall be supplied in accordance with FMVSS#108

22. ACCESSORIES

- a. Federal under-ride bumper shall be installed
- b. Tailgate safety prop shall be provided
- c. Body safety prop shall be provided
- d. Body "up" and tailgate "unlock" alarm shall be provided
- e. Back up alarm shall be provided

23. PAINTING PROCEDURES

- a. The body and lift shall be free of all weld slag, dirt and grease and be prepared prior to painting in accordance with the paint manufacturers specifications
- b. Body and loading mechanism shall receive at least one coat of primer and one finish coat of polyurethane enamel. Primer shall be approved for use with the finish coat material

24. WARRANTY

- a. A minimum two-year warranty against manufacturing defects shall be provided by the manufacturer

25. CART ATTACHMENT

- a. Dumping attachment for up to five (5) 90 gallon containers/side. Semi-automated container attachments must be equipped with positive lock, automatic container latches. These latches must be linkage actuated by the lower bin lift arm and must require no action by the operator other than bin control lever operation. In order to prevent possible container damage, the container latches must automatically engage the container lower bar after the container is well clear of the ground or curb on the bin "up" cycle and automatically release well before the container reaches the ground or curb on the bin "down" cycle. Attachment of semi-automated carts to the container attachment shall not require tipping of the container or opening of the container lid for proper engagement



NORTH CAROLINA SHERIFFS' ASSOCIATION

G-S - 5735D SPECIFICATION #5

2016 G-S 5735D

The G-S 5735D purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$62,871.86	\$62,871.86	\$62,871.86	\$62,871.86

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	5735D			
DEALER:	GSP Marketing	GSP Marketing	GSP Marketing	GSP Marketing
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$62,871.86	\$62,871.86	\$62,871.86	\$62,871.86



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>G-S - CLE8131 (Specification #06)</u>			
GSP Marketing	2016 G-S CLE8131 - 31 Cubic Yard	★Appalachia	\$89,460.36
GSP Marketing	2016 G-S CLE8131 - 31 Cubic Yard	★Dogwood	\$89,460.36
GSP Marketing	2016 G-S CLE8131 - 31 Cubic Yard	★Cardinal	\$89,460.36
GSP Marketing	2016 G-S CLE8131 - 31 Cubic Yard	★Longleaf Pine	\$89,460.36



NORTH CAROLINA SHERIFFS' ASSOCIATION

G-S - CLE8131 SPECIFICATION #6

2016 G-S CLE8131 - 31 Cubic Yard

31 Cubic Yard side loader emco style container lift, full eject - THIS SPECIFICATION DESCRIBES A TRUCK MOUNTED, HYDRAULIC REFUSE PACKER. THIS MACHINE MUST BE EQUIPPED WITH A LIFTING MECHANISM FOR EMCO TYPE SIDE LOAD COMMERCIAL CONTAINERS ON THE STREET-SIDE. BODY MUST BE DESIGNED SO THAT OPTIMUM LOAD DISTRIBUTION CAN BE ACHIEVED WHEN INSTALLED ON A 56,000-66,000 G.V.W. TRUCK CAB AND CHASSIS. BODY INSTALLATION SHALL NOT REQUIRE MODIFICATION TO A STANDARD TRUCK CHASSIS FORWARD OF THE REAR SUSPENSION. (NO DROP FRAME)

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY CAPACITY

- a. The body shall have a usable capacity of thirty one (31) cubic yards including the tailgate (EXCLUDING LOADING HOPPER)

2. BODY DIMENSIONS

- a. Body length - 301" - (including bustle tailgate)
- b. Overall height above chassis - 102" (container lift in "down" position)
- c. Overall height above chassis MUST NOT EXCEED - 134" - (curb-side bin in full "up" position). NO EXCEPTIONS!
- d. Overall body width with container lift in down position - 102"

3. BODY CONSTRUCTION

- a. The body floor shall be constructed of 1/4" HARDOX 450 steel plate
- b. The body floor shall have 8" x 11.5 lbs/ft structural channel long - members
- c. Body sides shall be curved shell style, ten (10) gauge steel sheet. ASTM 656, Grade 80
- d. Body roof shall be curved shell style, ten (10) gauge steel sheet. ASTM 656, Grade 80
- e. All external welds shall be continuous

4. TAILGATE CAPACITY

- a. The tailgate shall have a usable capacity of 8.20 cubic yards minimum

5. TAILGATE CONSTRUCTION

- a. Body tailgate shall be bustle type, top hinged, with heavy-duty hinges and tapered-pin plunger style locks. Pivots and lock pins must have grease fittings
- b. Tailgate shall be equipped with a flow control device to assure smooth, even operation
- c. Tailgate to be constructed from 10 gauge steel sheet and framed with formed steel channel
- d. Gate shall have a seal across the bottom and at least 16" up each side to control liquid leakage

6. TAILGATE OPERATION

- a. For greater operational stability and safety the tailgate shall be raised and lowered with two 2 1/2" bore x 28" stroke double acting hydraulic cylinders
- b. All tailgate controls shall be located inside the truck cab within easy reach of the operator's position. I.E. tailgate operation shall not require exit of the cab by the driver. Controls shall be electric/air/hydraulic and spring returned to the "neutral" position
- c. Tailgate to lock and release hydraulically through the use of positive acting, tapered rod, plunger style locks
- d. Tailgate ajar and lock status warning light and alarm to be installed in the truck cab
- e. Safety prop for tailgate to be included
- f. All exterior welds to be continuous

7. PACKER HOPPER FUNCTION

- a. The receiving hopper shall have 6.0 cubic yards capacity minimum
- b. Hopper shall act as receiving chamber for materials dumped by the loading bin and container lift

8. PACKER HOPPER CONSTRUCTION

- a. Hopper floor to be constructed of 1/2" HARDOX 450 steel plate
- b. Hopper side walls to be 1/4" HARDOX 450 steel plate

9. COMPACTOR FUNCTION

- a. Compactor is to move the material dumped by the container loader from the receiving hopper into the body chamber. Also, compactor is to compress the loaded material to such an extent that the vehicle is loaded to it's recommended capacity

10. COMPACTOR OPERATION

- a. Compactor to be powered by one (1), 6" bore x 84" stroke, single section, dual acting hydraulic cylinder
- b. Packer cycle shall be 45 seconds @700 R.P.M.
- c. When fully extended, compactor must penetrate the body by 18" minimum. This aids compaction of the material and reduces fallback into the loading hopper
- d. Compactor shall displace 2.6 cubic yards/cycle minimum
- e. Compactor shall have "on-demand" style controls with both "AUTOMATIC PACK" and "MANUAL PACK" selector console mounted in the truck cab and convenient from both sides of cab
- f. Compactor stroke shall be automatically grade switches sensitive to both position and pressure
- g. Unit to be equipped with a "near-loaded" warning alarm to alert operator that body is approaching it's maximum capacity

11. COMPACTOR CONSTRUCTION

- a. Compactor to be guided by a floor mounted "T" track beam
- b. Both the "T" track beam and compactor guide shoes must be made of HARDOX 450 steel plate
- c. The compactor shall be constructed of engineered steel sections and fully tested using state-of-the-art Finite Stress Analysis technology

12. LOADING DEVICE FUNCTION (CURB-SIDE OR STREET-SIDE AVAILABLE)

- a. The container lifting device must be capable of attaching, lifting, and dumping EMCO style containers currently in use by the purchasing authority. Lift shall also have grabber device for roll carts
- b. Container lift must be capable of lifting and dumping containers weighing up to 3200 pounds
- c. Lift shall transit the container from the ground position essentially in a vertical plane and rotate to dump at approximately forty-five degrees from vertical into the compaction hopper
- d. Lift cycle shall be approximately 20 seconds at engine idle
- e. Lift carriage shall be track guided by roller bearing type steel cam-followers and stabilized by two lift arms, one at each end
- f. Lift shall extend 48" out from the stowed position if needed to attach to containers
- g. Extend and retract function will be accomplished with a 2.5" bore x 48" stroke hydraulic cylinder
- h. Lift up and down motion shall be powered by two (2) 4 1/2" bore x 16" stroke hydraulic cylinders with 1.5" fluid cushions in both the rod and base ends

13. LOADING DEVICE CONSTRUCTION (CURB-SIDE OR STREET-SIDE AVAILABLE)

- a. Lifting arms must be constructed of solid, high tensile steel plate. Tubular load lifting components are not acceptable
- b. All loading mechanism connecting pins shall be 1.25" diameter, 4140 steel alloy, and surface hardened to 60,000

Rockwell or GRADE 8 S.A.E. bolts

14. LOADING DEVICE CONTROLS (CURB-SIDE OR STREET-SIDE AVAILABLE)

- a. Controls for lift shall be conveniently located for operation from the driver's in-cab seated position. Joy stick or rocker switches as required by user

15. BODY UNLOADING FUNCTION

- a. Body payload to be offloaded by hydraulically powered horizontal ejection
- b. Ejector panel to be operated by two (2), 3" bore x 80" stroke, single section, double acting hydraulic cylinders
- c. Ejector operation shall be sequenced so that panel will "extend" only when packer panel is in full "extend" position and tailgate is fully "up"
- d. Controls to be mounted convenient to operator's in-cab driving location

16. BODY UNLOADING CONSTRUCTION

- a. Ejector panel to have a structural steel tubular frame
- b. Panel guide tracks to be formed 3/16" steel plate
- c. Panel guide/cylinder enclosure tube shall be 5" x 7" x 3/16" structural steel tube equipped with AR400 steel wear strips
- d. Floor level wear pads must be AR400 abrasion resistant steel plate

17. HYDRAULICS PUMP

- a. All body and lift functions shall be powered by a single-section gear type pump (17 G.P.M. @ 700 R.P.M.). This pump shall be powered by a transmission mounted "hot shift" power take off

18. HYDRAULICS CONTROL VALVE

- a. The body and lift functions shall be controlled by a single stack type air activated directional hydraulic valve. All controls for the body and lift shall be air/hydraulic. This directional control valve shall be equipped with a reliable system pressure protection device. The maximum system operating pressure shall be 2500 P.S.I.

19. HYDRAULIC RESERVOIR

- a. The body shall be equipped with a hydraulic reservoir with a minimum capacity of (50) gallons. This reservoir shall be equipped with a fill cap, breather, fluid level indicator and temperature gauge

20. HYDRAULIC FILTRATION AND SERVICE (SYSTEM CLEANLINESS AND PROTECTION AGAINST CONTAMINATION SHALL BE ACCOMPLISHED THROUGH THE USE OF THE FOLLOWING DEVICES)

- a. Return Line Filter - All oil shall be routed through a 10 micron return line filter. This filter shall be installed in the top of the hydraulic reservoir and properly sized so that 100% of the flow is filtered under normal operating conditions without bypass. Filter must be located so that all periodic service can be performed from ground level without the need for ladders or work-stands
- b. In-Line Shutoff - For ease of service the suction line shall be equipped with a shutoff valve plumbed adjacent to the reservoir
- c. Suction Strainer - A 100-mesh oil strainer must be installed in the hydraulic system suction line. This strainer must be serviceable without draining the system reservoir

21. HYDRAULICS PLUMBING

- a. All body and lift plumbing not requiring flexibility to complete its function must be constructed of seamless steel hydraulic tubing correctly sized for each operation. Plumbing requiring hoses shall be routed in such a way as to prevent rubbing, chaffing and undue bending

22. IN-CAB CONTROLS (THE FOLLOWING CONTROLS MUST BE MOUNTED INSIDE THE TRUCK CAB FOR SAFE AND CONVENIENT OPERATION)

- a. Hydraulic system on/off switch
- b. Body tailgate control
- c. Body ejector control
- d. Work light and strobe light switches

23. LIGHTS

- a. Standard lights shall be supplied in accordance with FMVSS#108

- b. All body lights must be TRUCKLITE Model "Super 44" L.E.D. with series 50 wiring harness
- c. Both street side and curbside loading locations must have work lights

24. ACCESSORIES

- a. Federal under-ride bumper shall be installed
- b. Tailgate safety prop shall be provided
- c. Body "up" and tailgate "unlock" alarm shall be provided
- d. Back up alarm shall be provided
- e. Both body and hopper shall have access doors on each side for cleaning behind the packer and ejector panels. Doors must be sealed when closed

25. PAINT

- a. The body and lift shall be free of all weld slag, dirt and grease and be prepared prior to painting in accordance with the paint manufacturers specifications
- b. Body and loading mechanism shall receive at least one coat of primer and one finish coat of polyurethane enamel. Primer shall be approved for use with the finish coat material

26. WARRANTY

- a. A minimum two-year warranty against manufacturing defects shall be provided by the manufacturer



NORTH CAROLINA SHERIFFS' ASSOCIATION

G-S - CLE8131 SPECIFICATION #6

2016 G-S CLE8131 - 31 Cubic Yard

The G-S CLE8131 - 31 Cubic Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$89,460.36	\$89,460.36	\$89,460.36	\$89,460.36

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	CLE8131 - 31 Cubic Yard			
DEALER:	GSP Marketing	GSP Marketing	GSP Marketing	GSP Marketing
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$89,460.36	\$89,460.36	\$89,460.36	\$89,460.36

Order Code	Add Options	All Zones
Auto Grip ¹	Grabbers shall be belt-type capable of handling containers ranging in size from 32 gallon to 100 gallon interchangeably. Grab pressure must be adjustable to suit different types of container manufacturing methods and materials	\$4,500.00 ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>G-S - COLLECSTAR 9000 SERIES (Specification #07)</u>			
GSP Marketing	2016 G-S Collecstar 9000 Series	★Appalachia	\$106,100.62
GSP Marketing	2016 G-S Collecstar 9000 Series	★Dogwood	\$106,100.62
GSP Marketing	2016 G-S Collecstar 9000 Series	★Cardinal	\$106,100.62
GSP Marketing	2016 G-S Collecstar 9000 Series	★Longleaf Pine	\$106,100.62



NORTH CAROLINA SHERIFFS' ASSOCIATION

G-S - COLLECSTAR 9000 SERIES SPECIFICATION #7

2016 G-S Collecstar 9000 Series

Fully automated, full eject refuse body - This specification describes a truck mounted, hydraulic refuse packer. This machine must be equipped with an automated loading mechanism on the curb side of the material receiving hopper near the front of the body. Body must be designed so that optimum load distribution can be achieved when installed on a 33,000-66,000 G.V.W. truck cab and chassis. Body installation shall not require modification to a standard truck chassis forward of the rear suspension. (NO DROP FRAME) This body must be full eject model. no dump bodies allowed

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY CAPACITY

a. CS9133A - 33YD

2. BODY DIMENSIONS - BODY LENGTH (INCLUDING BUSTLE TAILGATE)

a. CS9133A - 311"

3. BODY DIMENSIONS - OVERALL HEIGHT ABOVE CHASSIS (LIFT MECHANISM INCLUDED)

a. CS9133A - 102"

4. BODY DIMENSIONS

- a. Overall height above chassis - MUST NOT EXCEED 120" - (lift mechanism in full "up" position with 90-100 gallon cart in grabbers)
- b. Overall width - 102" - with arm in parked position

5. BODY CONSTRUCTION

- a. The body floor shall be constructed of 1/4" HARDOX 450 steel plate
- b. The body floor shall have 8" x 13.5 lbs/ft structural channel long - members
- c. Body sides shall be curved shell style, ten (10) gauge A.S.T.M. 656, Grade 80, steel sheet
- d. Body roof shall be curved shell style, ten (10) gauge A.S.T.M. 656, Grade 80, steel sheet
- e. All external welds shall be continuous

6. TAILGATE CONSTRUCTION

- a. Body tailgate shall be bustle type, top hinged, with heavy-duty hinges and tapered-pin plunger style locks. Pivots and lock pins must have grease fittings
- b. Tailgate shall be equipped with a flow control device to assure smooth, even operation
- c. Tailgate to be constructed from 12 gauge steel sheet and framed with formed steel channel

d. Gate shall have seal across the bottom and at least 16" up each side to control liquid leakage

7. TAILGATE OPERATION

- a. For greater operational stability and safety the tailgate shall be raised and lowered with two 2 1/2" bore x 28" stroke double acting hydraulic cylinders
- b. All tailgate controls shall be located inside the truck cab within easy reach of the operator's position. I.E. tailgate operation shall not require exit of the cab by the driver. Controls shall be electric/air/hydraulic and spring returned to the "neutral" position
- c. Tailgate to lock and release hydraulically through the use of positive acting, tapered rod, plunger-style locks
- d. Tailgate ajar and lock status warning light and alarm to be installed in the truck cab
- e. Safety prop for tailgate to be included
- f. All exterior welds to be continuous

8. PACKER HOPPER FUNCTION

- a. The receiving hopper shall have 6.0 cubic yards capacity minimum. 13, 16 and 20 x 60" hopper 4.0 cubic yards
- b. Hopper shall act as a receiving chamber for materials dumped by the lifting mechanism

9. PACKER HOPPER CONSTRUCTION

- a. Hopper floor to be constructed of 1/4" HARDOX 450 steel plate with a 1/4" HARDOX 450 overlay extending 18" past the hopper
- b. Hopper side walls to be 1/4" HARDOX 450 steel plate
- c. All welds in areas that may be damaged by abrasive material such as fine glass MUST be "HARD SURFACED" with appropriate composite over-weld

10. PACKER HOPPER ACCESS

- a. Hopper must have access ladder on curb-side of vehicle. Entry area must have O.H.S.A. compliant ladder and system kill switch

11. COMPACTOR FUNCTION

- a. Compactor is to move the material dumped by the arm from the receiving hopper into the body chamber. Also, compactor is to compress the loaded material to such an extent that the vehicle is loaded to it's recommended capacity

12. COMPACTOR OPERATION

- a. Compactor to be powered by one (1), 6" bore x 84" stroke, single section, dual acting hydraulic cylinder
- b. Packer cycle shall be 35 seconds @1200 R.P.M.
- c. When fully extended, compactor must penetrate the body by 18" minimum. This aids compaction of the material and reduces fallback into the loading hopper
- d. Compactor shall displace 2.6 cubic yards/cycle minimum
- e. Compactor shall have "on-demand" style controls with both "AUTOMATIC PACK" and "MANUAL PACK" selector console mounted in the truck cab and convenient from both sides of cab
- f. Compactor stroke shall be automatically reversible through the use of high quality automotive grade switches sensitive to both position and pressure
- g. Unit to be equipped with a "near-loaded" warning alarm to alert operator that body is approaching it's maximum capacity

13. COMPACTOR CONSTRUCTION

- a. Compactor to be guided by a floor mounted "T" track beam
- b. Both the "T" track beam and compactor guide shoes must be made of HARDOX 450 steel plate
- c. The compactor shall be constructed of engineered steel sections and fully tested using state-of-the-art Finite Stress Analysis technology

14. AUTOMATED LOADING ARM FUNCTION

- a. Loading arm shall be sleeve mounted on the curbside of the loading hopper. Arm horizontal and vertical supports shall be centered in relation to the hopper and the load to be lifted. No part of the loading arm shall be mounted underneath the chassis frame, inside the hopper, or in front of the body. Due to operational stresses under load and over time, NO OFF-SET OR CANTILEVER DESIGNS ARE ACCEPTABLE
- b. Arm must have the ability to pick up containers, dump and return without the need to extend
- c. Once can is engaged, lift MUST move vertically for the first 40" before tipping. This allows cans that may be placed

- above grade on snow banks or retaining walls to be safely serviced. This vertical movement must be controllable by the operator as needed from the in-cab control position
- d. Arm must have horizontal extension of 120" (144" reach to can center line without titling or any vertical motion)
- e. The container "lift" motion must be operated by one (1) 2" bore x 41" stroke hydraulic cylinder
- f. The container tilt/dump must be operated by one 3" bore x 12 3/8" stroke hydraulic cylinder with 1 1/2" cushion in rod and base end
- g. Lift cycle time shall be approximately seven (7) seconds (ground to ground) at engine idle
- h. Lifted container shall not "arc" outboard more than 25" during ground to ground movement
- i. Lift must stow within legal width with lift in down/grab open position
- j. Container dump cycle shall not exceed thirteen (13) feet, six (6) inches from the ground at its highest point. (May vary slightly with different chassis)
- k. Container dump angle when in full "up" position shall be 55 degrees minimum
 - l. Lift vertical motion shall be track guided by replaceable, reversible, non-grease, NYLATRON NSM wear shoes. Guides MUST be replaceable without track or lift dis-assembly
- m. Lift cycle shall be smooth, non-binding and non-violent
- n. Lift load capacity shall be 1,000 lbs at full extension
- o. Lift horizontal movement shall be track guided by NYLATRON NSM non-grease wear guides. Guides MUST be replaceable without track or lift dis-assembly
- p. Lift in/out motion shall be sequenced so that the first 48 inches of motion (stage 1) always extends first. This essentially eliminates wear to stage 2 wear guides since reach beyond 48" is used in less than 5% of average route conditions
- q. Grabbers shall be belt-type capable of handling containers ranging in size from 32 gallon to 100 gallon interchangeably. Grab pressure must be adjustable to suit different types of container manufacturing methods and materials

15. AUTOMATED LOADING ARM CONSTRUCTION

- a. Loading lifting arms must be constructed of solid high tensile steel plate. Due to their tendency to deflect under load, tubular load lifting components are NOT acceptable
- b. All tilt mechanism connecting pins shall be 1.25" minimum diameter with self-aligning bearings
- c. Lift shall have a top rotator shaft that lifts grab mechanism through its motion while powered by a single hydraulic cylinder
- d. Top shaft shall be retained by replaceable NYLATRON NSM non-grease split bearings (two sets) and grade 8 bolts
- e. Lift arm rotator cam must have NYLATRON NSM non-grease bearing rotating on a 3" diameter shaft. Bearing MUST be replaceable without shaft removal
- f. Cylinder pivots for grab, in-out as well as up/down shall be Teflon back self-aligning greaseless bearings properly installed with 1" grade 8 bolts or polished chrome pins
- g. Grab pivots must use chromed steel pins with fiber filled greaseless bearings
- h. Grab cylinders (2) shall be 2" bore x 6 3/8" stroke
 - i. In-out cylinders shall be two (2) 2" bore x 60" stroke with rubberized bumper on base end
 - j. Up-down cylinder shall be 2" bore x 40" stroke
- k. Tilt cylinder must be 3" bore x 12 3/8" stroke

16. AUTOMATED LOADING ARM CONTROLS

- a. Outside controls for loading mechanism shall be located in the chassis cab and convenient for operator access from the ground
- b. In-cab control to be a joystick or rocker-style switches mounted in cab. Joystick or rocker switches shall control in/out, up/down/dump and grab functions
- c. Lift functions must operate without the need for computers, PLC's, proximity switches, or relays

17. BODY UNLOADING FUNCTION

- a. Body payload to be offloaded by hydraulically powered HORIZONTAL EJECTION
- b. Ejector panel to be operated by two (2), 4" bore x 116" stroke, SINGLE-SECTION, DOUBLE ACTING hydraulic cylinders. NO MULTI-STAGE TELESCOPIC CYLINDERS ALLOWED
- c. Ejector operation shall be sequenced so that panel will "extend" only when packer panel is in full "extend" position and tailgate is fully "up"
- d. Controls to be mounted convenient to operator's in-cab driving location

18. BODY UNLOADING CONSTRUCTION

- a. Ejector panel to have a structural steel tubular frame
- b. Panel guide tracks to be formed 3/16" steel plate

- c. Panel guide/cylinder enclosure tube shall be 5" x 7" x 3/16" structural steel tube equipped with HARDOX 450 steel wear strips
- d. Floor level wear pads must be HARDOX 450
- e. HOIST TO DUMP OR MULTI-STAGE EJECTION CYLINDERS ARE UNACCEPTABLE

19. HYDRAULICS PUMP

- a. All body and lift functions shall be powered by a tandem-section gear type pump (36 G.P.M. @ 800 R.P.M). This pump shall be powered by a transmission mounted Chelsea Model 890 power take-off. Each pump section shall automatically unload to tank when factory flow settings are exceeded. This feature prevents unintended or accidental over-speed of the system

20. HYDRAULICS BODY CONTROL VALVE

- a. The body main valve must be a Parker hydraulics model VA-35 with main system pressure set @ 2,500 P.S.I. This valve must have one (1) control section to act as a directional control for the packer. This valve must be electric/air/hydraulic controlled by automotive style relays. NO COMPUTERS OR PLC'S
- b. The valve assembly that controls all other lift and body functions shall be Parker hydraulics model VA-20 with relief set @ 2,500 P.S.I Valve spool controls must be pneumatic. Lift functions must operate with no computers, PLC's limit switches, or proximity switches

21. HYDRAULIC RESERVOIR

- a. The body shall be equipped with a "street-side" body mounted hydraulic reservoir with a minimum capacity of sixty (60) gallons. This reservoir shall be equipped with a fill cap, in-tank return filter, breather, fluid level indicator and temperature gauge. Under normal operating conditions, hydraulic oil temperature MUST NOT EXCEED 75 degrees above ambient temperature without the need for external cooling. NO AUXILIARY COOLING ALLOWED. NO EXCEPTIONS

22. HYDRAULIC FILTRATION AND SERVICE (SYSTEM CLEANLINESS AND PROTECTION AGAINST CONTAMINATION SHALL BE ACCOMPLISHED THROUGH THE USE OF THE FOLLOWING DEVICES)

- a. All oil shall be routed through a 10 micron return line filter. This filter shall be installed at or near the front of the hydraulic reservoir and properly sized so that 100% of the flow is filtered under normal operating conditions without bypass. Filter must be located so that all periodic service can be performed from ground level. Filter service must be possible without loss of fluid
- b. In-Line Shutoff - For ease of service the suction line shall be equipped with a shutoff valve plumbed adjacent to the reservoir
- c. Suction Strainer - A 100-mesh oil strainer must be installed in the hydraulic system suction line. This strainer must be serviceable without draining the system reservoir

23. HYDRAULICS PLUMBING

- a. All body and lift plumbing not requiring flexibility to complete its function must be constructed of seamless steel hydraulic tubing correctly sized for each operation. Plumbing requiring hoses shall be routed in such a way as to prevent rubbing, chaffing and undue bending

24. IN-CAB CONTROLS (THE FOLLOWING CONTROLS MUST BE MOUNTED INSIDE THE TRUCK CAB FOR SAFE AND CONVENIENT OPERATION)

- a. Hydraulic system on/off switch
- b. Body tailgate control
- c. Body ejector control
- d. Work light and strobe light switches
- e. Hopper cover control
- f. Lift joystick/Rocker Switches
- g. Packer over-ride switch

25. LIGHTS

- a. Standard lights shall be supplied in accordance with FMVSS#108
- b. All body lights must be TRUCKLITE Model "SUPER 44" L.E.D. with SERIES 50 wiring harness
- c. Automated lift working area must have implement style adjustable work lights

26. ACCESSORIES

- a. Federal under-ride bumper shall be installed
- b. Tailgate safety prop shall be provided
- c. Tailgate "ajar" and tailgate "unlock" alarm shall be provided
- d. Back up alarm shall be provided
- e. Both body and hopper shall have access doors on each side for cleaning behind the packer and ejector panels. Doors must be sealed when closed
- f. Hydraulically operated hopper cover/crusher panel

27. PAINTING PROCEDURES

- a. The body and lift shall be free of all weld slag, dirt and grease and be prepared prior to painting in accordance with the paint manufacturers specifications
- b. Body and loading mechanism shall receive at least one coat of primer and one finish coat of polyurethane enamel. Primer shall be approved for use with the finish coat material

28. WARRANTY

- a. A minimum two-year warranty against manufacturing defects shall be provided by the manufacturer
- b. BODY MANUFACTURERS MUST BE EQUIPPED TO PROVIDE ON-SITE SERVICE IF NEEDED
- c. SUFFICIENT ON-SITE TRAINING FOR BOTH OPERATORS AND MECHANICS SHALL BE CONDUCTED WHEN COMPLETED UNIT IS DELIVERED

29. BODY

- a. Body must be manufactured in the U.S.A.



NORTH CAROLINA SHERIFFS' ASSOCIATION

G-S - COLLECSTAR 9000 SERIES SPECIFICATION #7

2016 G-S Collecstar 9000 Series

The G-S Collecstar 9000 Series purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$106,100.62	\$106,100.62	\$106,100.62	\$106,100.62

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The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Collecstar 9000 Series			
DEALER:	GSP Marketing	GSP Marketing	GSP Marketing	GSP Marketing
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$106,100.62	\$106,100.62	\$106,100.62	\$106,100.62

Order Code	Add Options	All Zones
CS8000A ¹	8000 Automated Arm in lieu of 9000	NC ¹
Peterson Strobe ¹	Strobe lights (Smart strobe, 4 on rear and 2 on front of body)	\$1,833.56 ¹
Electric Counter ¹	Cart Counter	\$345.22 ¹
Hyd moitor w/shutdown ¹	Hydraulic filter monitor with shut down	\$533.82 ¹
2nd rocker switch ¹	Extra set of rocker switches for controls	\$350.00 ¹
Single camera ¹	Camera system - Single Camera	\$1,813.02 ¹
Dual camera ¹	Camera system - Dual camera w/quad monitor	\$2,321.42 ¹
Triple camera ¹	Camera system - Triple camera w/quad monitor	\$2,827.36 ¹
Delivery ¹	Truck delivery <i>Per mile</i> ¹	\$2.50 ¹
CS9113A ¹	CS9113A - 13YD	\$88,088.90 ¹
CS9116A ¹	CS9116A - 16YD	\$89,088.90 ¹
CS9120XA60 ¹	CS8120XA 60" Hopper - 20YD	\$91,219.26 ¹
CS9120XA84 ¹	CS9120XA 84" Hopper - 20YD	\$94,413.98 ¹
CS9127A ¹	CS9127A - 27YD	\$98,779.66 ¹
CS9129A ¹	CS9129A - 29YD	\$99,994.90 ¹
CS9131A ¹	CS9131A - 31YD	\$103,755.42 ¹
CS9135A ¹	CS9135A - 35YD	\$106,212.14 ¹
CS9137A ¹	CS9137A - 37YD	\$107,471.66 ¹
	CS9113A - 185"	Incl.
	CS9116A - 185"	Incl.
	CS8120XA 60" Hopper - 209"	Incl.
	CS9120XA 84" Hopper - 233"	Incl.
	CS9127A - 277"	Incl.
	CS9129A - 287"	Incl.
	CS9131A - 301"	Incl.
	CS9135A - 325"	Incl.
	CS9137A - 335"	Incl.
	CS9113A - 84"	Incl.
	CS9116A - 94"	Incl.
	CS8120XA 60" Hopper - 102"	Incl.

VEHICLE:	Collecstar 9000 Series			
DEALER:	GSP Marketing	GSP Marketing	GSP Marketing	GSP Marketing
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$106,100.62	\$106,100.62	\$106,100.62	\$106,100.62

CS9120XA 84" Hopper - 102"	Incl.
CS9127A - 102"	Incl.
CS9129A - 102"	Incl.
CS9131A - 102"	Incl.
CS9135A - 102"	Incl.
CS9137A - 102"	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>G-S - MP8000D (Specification #08)</u>			
GSP Marketing	2016 G-S MP8000D	★Appalachia	\$86,970.02
GSP Marketing	2016 G-S MP8000D	★Dogwood	\$86,970.02
GSP Marketing	2016 G-S MP8000D	★Cardinal	\$86,970.02
GSP Marketing	2016 G-S MP8000D	★Longleaf Pine	\$86,970.02



NORTH CAROLINA SHERIFFS' ASSOCIATION

G-S - MP8000D SPECIFICATION #8

2016 G-S MP8000D

Dual - side loading, semi-automated, full eject - This specification describes a truck mounted, hydraulic refuse packer. This machine must be equipped with loading mechanisms on both the curb and street sides of the material receiving hopper near the front of the body. Body must be designed so that optimum load distribution can be achieved when installed on a 25,900-46,000 G.V.W. truck cab and chassis. Body installation shall not require modification to a standard truck chassis forward of the rear suspension. (no drop frame)

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY CAPACITY

a. MP8133D - 33YD

2. BODY DIMENSIONS - BODY LENGTH (INCLUDING BUSTLE TAILGATE)

a. MP8133D - 311"

3. BODY DIMENSIONS - OVERALL HEIGHT ABOVE CHASSIS (LIFT MECHANISM INCLUDED)

a. MP8133D - 102"

4. BODY DIMENSIONS

- a. Overall height above chassis - MUST NOT EXCEED 112" - (bin in full "up" position) NO EXCEPTIONS ALLOWED
- b. Overall body width with loading buckets down - 102"

5. BODY CONSTRUCTION

- a. The body floor shall be constructed of 1/4" HARDOX 450 steel plate
- b. The body floor shall have 6" x 10.5 lbs/ft structural channel long - members
- c. Body sides shall be curved shell style, ten (10) gauge steel sheet
- d. Body roof shall be curved shell style, ten (10) gauge steel sheet
- e. All external welds shall be continuous

6. TAILGATE CONSTRUCTION

- a. Body tailgate shall be bustle type, top hinged, with heavy-duty hinges and tapered-pin plunger style locks. Pivots and lock pins must have grease fittings
- b. Tailgate shall be equipped with a flow control device to assure smooth, even operation
- c. Tailgate to be constructed from 12 gauge steel sheet and framed with formed steel channel
- d. Gate shall have seal across the bottom and at least 12" up each side to control liquid leakage

7. TAILGATE OPERATION

- a. For greater operational stability and safety the tailgate shall be raised and lowered with two 2 1/2" bore x 28" stroke double acting hydraulic cylinders
- b. All tailgate controls shall be located inside the truck cab within easy reach of the operator's position. I.E. tailgate operation shall not require exit of the cab by the driver. Controls shall be electric/air/hydraulic and spring returned to the "neutral" position
- c. Tailgate to lock and release hydraulically through the use of positive acting, tapered rod, plunger-style locks
- d. Tailgate ajar and lock status warning light and alarm to be installed in the truck cab
- e. Safety prop for tailgate to be included
- f. All exterior welds to be continuous

8. PACKER HOPPER FUNCTION

- a. The receiving hopper shall have 4.8 cubic yards capacity minimum.
- b. Hopper shall act as a receiving chamber for materials dumped by the loading bins
- c. Hopper shall be configured so that both left and right side loading bins can be dumped at the same time without contact or interference with each other

9. PACKER HOPPER CONSTRUCTION

- a. Hopper floor to be constructed of 1/4" HARDOX 450 steel plate
- b. Hopper side walls to be 1/4" HARDOX 450 steel plate
- c. Hopper shall include 1/4" Hardox 450 liner, extends 18" past packer travel

10. COMPACTOR FUNCTION

- a. Compactor is to move the material dumped by the loading bins from the receiving hopper into the body chamber. Also, compactor is to compress the loaded material to such an extent that the vehicle is loaded to it's recommended capacity

11. COMPACTOR OPERATION

- a. Compactor to be powered by one (1), 6" bore x 84" stroke, single section, dual acting hydraulic cylinder. (13 and 16 yard bodies One 5" bore x 60" stroke cylinder)
- b. Packer cycle shall be 42 seconds @1200 R.P.M.
- c. When fully extended, compactor must penetrate the body by 18" minimum. This aids compaction of the material and reduces fallback into the loading hopper
- d. Compactor shall displace 2.6 cubic yards/cycle minimum
- e. Compactor shall have "on-demand" style controls with locations in the truck cab and convenient to each loading bin
- f. Compactor stroke shall be automatically reversible through the use of high quality automotive grade switches sensitive to both position and pressure
- g. Unit to be equipped with a "near-loaded" warning alarm to alert operator that body is approaching it's maximum capacity

12. COMPACTOR CONSTRUCTION

- a. Compactor to be guided by a floor mounted "T" track beam
- b. Both the "T" track beam and compactor guide shoes must be made of HARDOX 450 steel plate
- c. The compactor shall be constructed of engineered steel sections and fully tested using state-of-the-art Finite Stress Analysis technology

13. LOADING DEVICE FUNCTION

- a. The loading device must provide top loading of materials into the receiving hopper
- b. The loading height of the bin shall be approximately 40" (may vary with tire and frame options)
- c. Each lifting mechanism must be operated by one (1), 4" bore x 16" stroke, hydraulic cylinder with 1 1/2" fluid cushions in both the rod and base ends
- d. Lift cycle time shall be approximately 10 seconds at engine idle
- e. When in the full dump position, the bin dump angle must be 52 degrees minimum, measured from a horizontal line parallel to the ground
- f. The loading bins must tilt 5 degrees during the lift cycle to control spillage
- g. The loading bins must have "CHIP-GUARD" coating on the inside surface for easy clean-out during the dump cycle
- h. The body to bin gap, (space between the loading bin and body sides) must not exceed two (2) inches during the dump cycle. This prevents overhead spillage and reduces the need for clean-up

- i. Bins shall be track guided by roller bearing type steel rollers and stabilized by two lift arms, one at each end
- j. Loading bin lifting mechanism operation must be smooth and non-binding, regardless of uneven bin loading
- k. Loading bin lifting capacity must be 2500 lbs. minimum with a 2 to 1 design safety factor
- l. Loading bin volume shall be one and one-half (1 1/2) cubic yard each
- m. Top opening of loading bins shall measure 72" x 24" minimum. Smaller openings are not acceptable

14. LOADING DEVICE CONSTRUCTION

- a. Loading bin lifting arms must be constructed of solid, high tensile steel plate, minimum allowable section modulus for loading bin lift arms shall be 3.0 cubic inches. Tubular load lifting components are not acceptable
- b. All loading bin lift arm connecting pins shall be 1.25" minimum diameter with spring steel bushings and grease fittings
- c. Loading bins shall be constructed of 12 gauge COR-TEN steel sheet supported by a tubular steel frame. Ends of bins shall be 10 gauge COR-TEN steel sheet

15. LOADING DEVICE CONTROLS

- a. Controls for each loading mechanism shall be located immediately behind the chassis cab and convenient for operator access
- b. The lift control valve shall be a three (3) position air directional valve

16. BODY UNLOADING FUNCTION

- a. Body payload to be offloaded by hydraulically powered horizontal ejection
- b. Ejector panel to be operated by two (2), 3" bore x 104" stroke, single section, double-acting hydraulic cylinders
- c. Ejector operation shall be sequenced so that panel will "extend" only when packer panel is in full "extend" position and tailgate is fully "up"
- d. Controls to be mounted convenient to operator's in-cab driving location

17. BODY UNLOADING CONSTRUCTION

- a. Ejector panel to have a structural steel tubular frame
- b. Panel guide tracks to be formed 3/16" steel plate
- c. Panel guide/cylinder enclosure tube shall be 5" x 7" x 3/16" structural steel tube equipped with HARDOX 450 steel wear strips
- d. Floor level wear pads must be HARDOX 450

18. HYDRAULICS PUMP

- a. All body and lift functions shall be powered by a single-section gear type pump. This pump shall be powered by a transmission mounted "hot shift" power take off

19. HYDRAULICS CONTROL VALVE

- a. The body and lift functions shall be controlled by a single stack type air activated directional hydraulic valve. All controls for the body and lift shall be air/hydraulic. This directional control valve shall be equipped with a reliable system pressure protection device. The maximum system operating pressure shall be 2500 P.S.I

20. HYDRAULIC RESERVOIR

- a. The body shall be equipped with a hydraulic reservoir with a minimum capacity of thirty (30) gallons. This reservoir shall be equipped with a fill cap, breather, fluid level indicator and temperature gauge

21. HYDRAULIC FILTRATION AND SERVICE (SYSTEM CLEANLINESS AND PROTECTION AGAINST CONTAMINATION SHALL BE ACCOMPLISHED THROUGH THE USE OF THE FOLLOWING DEVICES)

- a. High Pressure Filter - All oil shall be routed through a 10 micron pressure line filter. This filter shall be installed between the hydraulic pump and the body control valve and properly sized so that 100% of the flow is filtered under normal operating conditions without bypass. Filter must be located so that all periodic service can be performed from ground level without the need for ladders or work-stand
- b. In-Line Shutoff - For ease of service the suction line shall be equipped with a shutoff valve plumbed adjacent to the reservoir
- c. Suction Strainer - A 100-mesh oil strainer must be installed in the hydraulic system suction line. This strainer must be serviceable without draining the system reservoir

22. HYDRAULICS PLUMBING

- a. All body and lift plumbing not requiring flexibility to complete its function must be constructed of seamless steel

hydraulic tubing correctly sized for each operation. Plumbing requiring hoses shall be routed in such a way as to prevent rubbing, chafing and undue bending

23. IN-CAB CONTROLS (THE FOLLOWING CONTROLS MUST BE MOUNTED INSIDE THE TRUCK CAB FOR SAFE AND CONVENIENT OPERATION)

- a. Hydraulic system on/off switch
- b. Body tailgate control
- c. Body ejector control
- d. Work light and strobe light switches

24. LIGHTS

- a. Standard lights shall be supplied in accordance with FMVSS#108
- b. All body lights must be TRUCKLITE Model "SUPER 44" L.E.D. with SERIES 50 wiring harness
- c. Both street side and curbside loading locations must have work lights

25. ACCESSORIES

- a. Federal under-ride bumper shall be installed
- b. Tailgate safety prop shall be provided
- c. Body "up" and tailgate "unlock" alarm shall be provided
- d. Back up alarm shall be provided
- e. Both body and hopper shall have access doors on each side for cleaning behind the packer and ejector panels. Doors must be sealed when closed

26. PAINTING PROCEDURES

- a. The body and lift shall be free of all weld slag, dirt and grease and be prepared prior to painting in accordance with the paint manufacturers specifications
- b. Body and loading mechanism shall receive at least one coat of primer and one finish coat of polyurethane enamel. Primer shall be approved for use with the finish coat material

27. WARRANTY

- a. A minimum two-year warranty against manufacturing defects shall be provided by the manufacturer



NORTH CAROLINA SHERIFFS' ASSOCIATION

G-S - MP8000D SPECIFICATION #8

2016 G-S MP8000D

The G-S MP8000D purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$86,970.02	\$86,970.02	\$86,970.02	\$86,970.02

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	MP8000D			
DEALER:	GSP Marketing	GSP Marketing	GSP Marketing	GSP Marketing
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$86,970.02	\$86,970.02	\$86,970.02	\$86,970.02

Order Code	Add Options	All Zones
Cart tipper ¹	Dumping attachment for 30-100 gallon containers. Semi-automated container attachments must be equipped with positive lock, automatic container latches. These latches must be linkage actuated by the lower bin lift arm and must require no action by the operator other than bin control lever operation. In order to prevent possible container damage, the container latches must automatically engage the container lower bar after the container is well clear of the ground or curb on the bin "up" cycle and automatically release well before the container reaches the ground or curb on the bin "down" cycle. Attachment of semi-automated carts to the container attachment shall not require tipping of the container or opening of the container lid for proper engagement <i>Single cart tipper attachment ¹</i>	\$653.54 ¹
Peterson Strobe ¹	Strobe lights (Smart strobe, 4 on rear and 2 on front of body)	\$1,933.56 ¹
Hyd monitor w/shutdown ¹	Hydraulic filter monitor with shut down	\$533.82 ¹
	Extra set of rocker switches for controls	NA
Single camera ¹	Camera system - Single Camera	\$1,813.02 ¹
Dual camera ¹	Camera system - Dual camera w/quad monitor	\$2,321.42 ¹
Triple camera ¹	Camera system - Triple camera w/quad monitor	\$2,827.36 ¹
Ft hopper cover ¹	Full hopper cover (Front manually activated)	\$1,100.00 ¹
Fold out bucket ¹	Fold out buckets <i>Per side ¹</i>	\$634.68 ¹
Delivery ¹	Truck delivery <i>Per mile ¹</i>	\$2.50 ¹
4 end dump ¹	4 yard end dump bed	\$14,800.00 ¹
MP8113D ¹	MP8113D - 13YD	\$60,793.98 ¹
MP8116D ¹	MP8116D - 16YD	\$62,700.48 ¹
MP8120XD60 ¹	MP8120XD 60" Hopper - 20YD	\$72,676.60 ¹
MP8120XD84 ¹	MP8120XD 84" Hopper - 20YD	\$73,526.12 ¹
MP8127D ¹	MP8127D - 27YD	\$80,217.32 ¹
MP8129D ¹	MP8129D - 29YD	\$82,565.80 ¹
MP8131D ¹	MP8131D - 31YD	\$84,624.82 ¹
MP8135D ¹	MP8135D - 35YD	\$89,104.48 ¹
MP8137D ¹	MP8137D - 37YD	\$91,449.68 ¹
	MP8113D - 185"	NA
	MP8116D - 185"	NA
	MP8120XD 60" Hopper - 209"	NA
	MP8120XD 84" Hopper - 233"	NA

VEHICLE:	MP8000D			
DEALER:	GSP Marketing	GSP Marketing	GSP Marketing	GSP Marketing
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$86,970.02	\$86,970.02	\$86,970.02	\$86,970.02

MP8127D - 277"	NA
MP8129D - 287"	NA
MP8131D - 301"	NA
MP8135D - 325"	NA
MP8137D - 335"	NA
MP8113D - 84"	NA
MP8116D - 94"	NA
MP8120XD 60" Hopper - 102"	NA
MP8120XD 84" Hopper - 102"	NA
MP8127D - 102"	NA
MP8129D - 102"	NA
MP8131D - 102"	NA
MP8135D - 102"	NA
MP8137D - 102"	NA



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>G-S - SB8232S (Specification #09)</u>			
GSP Marketing	2016 G-S SB8232S -32 Cubic Yard	★Appalachia	\$121,295.22
GSP Marketing	2016 G-S SB8232S -32 Cubic Yard	★Dogwood	\$121,295.22
GSP Marketing	2016 G-S SB8232S -32 Cubic Yard	★Cardinal	\$121,295.22
GSP Marketing	2016 G-S SB8232S -32 Cubic Yard	★Longleaf Pine	\$121,295.22



NORTH CAROLINA SHERIFFS' ASSOCIATION

G-S - SB8232S SPECIFICATION #9

2016 G-S SB8232S -32 Cubic Yard

32 Cubic Yard Side Loader Single-Side Loading. Dual Purpose, 60-40 Split, Semi-Automated, Full Eject - This specification describes a split-body truck mounted, hydraulic refuse packer. This machine must be equipped with loading mechanism on the curb side of the material receiving hopper near the front of the body. This loading system must be configured so that two materials can be mechanically loaded into the compaction chamber simultaneously and kept separate for compaction inside the body. Body must be designed so that optimum load distribution can be achieved when installed on a 54,000 G.V.W. truck cab and chassis. Body installation shall not require modification to a standard truck chassis forward of the rear suspension. (NO DROP FRAME)

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY CAPACITY

- a. The body shall have a usable capacity of thirty two (32) cubic yards including the tailgate. Body to be split vertically with a fixed divider and result in the street-side chamber having 40% of body capacity and the curb-side chamber having 60% of the body capacity

2. BODY DIMENSIONS

- a. Body length - 305" - (including bustle tailgate)
- b. Overall height above chassis - 102" (bin in "down" position)
- c. Overall height above chassis - MUST NOT EXCEED - 118" - (bin in full "up" position). NO EXCEPTIONS ALLOWED
- d. Overall body width with loading bucket down - 102"

3. BODY CONSTRUCTION

- a. The body floor shall be constructed of 1/4" HARDOX 450 steel plate
- b. The body floor shall have 6" x 10.5 lbs/ft structural channel long - members
- c. Body sides shall be curved shell style, ten (10) gauge A.S.T.M 656, Grade 80 steel sheet
- d. Body roof shall be curved shell style, ten (10) gauge A.S.T.M 656, Grade 80 steel sheet
- e. All external welds shall be continuous

4. TAILGATE CAPACITY

- a. Street-side tailgate shall have a usable capacity of 3.20 cubic yards minimum. Curbside tailgate shall have a usable capacity of 4.80 cubic yards minimum

5. TAILGATE CONSTRUCTION

- a. Body tailgate shall be bustle type, top hinged, with heavy-duty hinges and tapered-pin plunger style locks. Pivots and lock pins must have grease fittings
- b. Tailgate shall be equipped with a flow control device to assure smooth, even operation
- c. Tailgate to be constructed from 12 gauge steel sheet and framed with formed steel channel
- d. Gate shall have a seal across the bottom and at least 12" up each side to control liquid leakage

6. TAILGATE OPERATION

- a. Each tailgate shall be raised and lowered with one 2 1/2" bore x 28" stroke double acting hydraulic cylinder
- b. All tailgate controls shall be located inside the truck cab within easy reach of the operator's position. I.E. tailgate operation shall not require exit of the cab by the driver. Controls shall be electric/air/hydraulic and spring returned to the "neutral" position
- c. Tailgates to lock and release hydraulically through the use of positive acting, tapered rod, plunger style locks
- d. Tailgate ajar and lock status warning light and alarm to be installed in the truck cab
- e. Safety prop for tailgate to be included
- f. All exterior welds to be continuous

7. PACKER HOPPER FUNCTION

- a. The receiving hopper shall have 6.0 cubic yards capacity minimum
- b. Hopper shall act as receiving chamber for materials dumped by the loading bin
- c. Hopper shall be configured so that both materials being loaded can be kept separate and routed into their respective compaction chambers. TO ASSURE MORE EFFICIENT LOADING, HOPPER MUST BE SPLIT 50/50
- d. Forward hopper chamber must be equipped with a hydraulically controlled flipper panel to assist with movement of material toward the street-side compaction chamber as needed. Also, this chamber must have a retractable wind screen for use during transport
- e. Rear hopper chamber must be equipped with a hydraulically operated crusher panel/hopper cover. Control for this panel to be located adjacent to the loading bucket control

8. PACKER HOPPER CONSTRUCTION

- a. Hopper floor to be constructed of 1/2" HARDOX 450 steel plate
- b. Hopper side walls to be 1/4" HARDOX 450 steel plate

9. COMPACTOR FUNCTION

- a. Compactor is to move the material dumped by the container loader from the receiving hopper into the body chamber. Also, compactor is to compress the loaded material to such an extent that the vehicle is loaded to its' recommended capacity

10. COMPACTOR OPERATION

- a. Compactor to be powered by one (1), 6" bore x 84" stroke, single section, dual acting hydraulic cylinder
- b. Packer cycle shall be 32 seconds @1200 R.P.M.
- c. When fully extended, compactor must penetrate the body by 18" minimum. This aids compaction of the material and reduces fallback into the loading hopper
- d. Compactor shall displace 2.6 cubic yards/cycle minimum
- e. Compactor shall have "on-demand" style controls with both "AUTOMATIC PACK" and "MANUAL PACK" selector console mounted in the truck cab and convenient from both sides of cab
- f. Compactor stroke shall be automatically grade switches sensitive to both position and pressure
- g. Unit to be equipped with a "near-loaded" warning alarm to alert operator that body is approaching its' maximum capacity

11. COMPACTOR CONSTRUCTION

- a. Compactor to be guided by a floor mounted "T" track beam
- b. Both the "T" track beam and compactor guide shoes must be made of HARDOX 450 steel plate
- c. The compactor shall be constructed of engineered steel sections and fully tested using state-of-the-art Finite Stress Analysis technology

12. LOADING DEVICE FUNCTION

- a. The loading device must provide top loading of materials into the receiving hopper
- b. The loading height of the bin shall be approximately 40" (may vary with tire and frame options)
- c. Each lifting mechanism must be operated by one (1), 4" bore x 16" stroke, hydraulic cylinder with 1 1/2" fluid

- cushions in both the rod and base ends
- d. Lift cycle shall be approximately 10 seconds at engine idle
- e. When in the full dump position, the bin dump angle must be 52 degrees minimum, measured from a horizontal line parallel to the ground
- f. The loading bin must tilt 5 degrees during the lift cycle to control spillage
- g. Materials loaded into both the front and rear section of the loading bin and/or 32-100 gallon roll carts attached to the cart attachments must be EMPTIED SIMULTANEOUSLY WITH A SINGLE LOADING MECHANISM CYCLE
- h. The loading bin must have "CHIP-GUARD" coating on the inside surface for easy clean-out during the dump cycle
 - i. The body to bin gap, (space between the loading bin and body sides) must not exceed two (2) inches during the dump cycle. This prevents overhead spillage and reduces the need for clean-up
 - j. Bins shall be track guided by roller bearing type steel rollers and stabilized by two lift arms, one at each end
- k. Loading bin lifting mechanism operation must be smooth and non-binding, regardless of uneven bin loading
- l. Loading bin lifting capacity must be 2500 LBS minimum with a 2 to 1 design safety factor
- m. Loading bin volume shall be one and one half (1 1/2) cubic yard each
- n. Top opening of loading bin shall measure 72" x 22" minimum. Smaller openings are not acceptable
- o. Outside wall of loading bin must fold outboard to effective opening of 33" to allow loading of oversized items such as large bags or boxes. Folding panels for the front and rear sections must operate independently of each other and must lock in both the open and closed position with spring-loaded lock pins

13. LOADING DEVICE CONSTRUCTION

- a. Loading bin lifting arms must be constructed of solid, high tensile steel plate, minimum allowable section modulus for loading bin lift arms shall be 3.0 cubic inches. Tubular load lifting components are not acceptable
- b. All loading bin lift arm connecting pins shall be 1.25" minimum diameter with spring steel bushings and grease fittings
- c. Loading bin shall be constructed of 12 gauge COR-TEN steel sheet supported by a tubular steel frame. Ends of bins shall be 10 gauge COR-TEN steel sheet

14. LOADING DEVICE CONTROLS

- a. Controls for the loading mechanism shall be located both immediately behind the chassis cab and immediately behind the loading bucket convenient for operator access
- b. The lift control valve shall be a three (3) position air directional valve

15. BODY UNLOADING FUNCTION

- a. Body payload to be offloaded by hydraulically powered horizontal ejection. DUE TO SAFETY CONCERNS WITH UNBALANCED LOADS, NO GRAVITY UNLOAD BODIES WILL BE CONSIDERED
- b. Each ejector panel to be operated by one (1), 4" bore x 56" stroke single section hydraulic cylinder and one (1), 3" bore x 80" stroke single section hydraulic cylinder. MULTI-STAGED TELESCOPIC CYLINDERS WILL NOT BE ACCEPTED
- c. Ejectors shall operate using a track guided inner/outer slide system that allows the panel to move the full length of the body while discharging the load. This system must be suspended below the body roof and be equipped with a hydraulically sequenced closure panel to assist in sweeping the body of material
- d. Ejector operation shall be sequenced so that panel will "extend" only when packer panel is in full "extend" position and tailgate is fully "up"
- e. Controls to be mounted convenient to operator's in-cab driving location

16. BODY UNLOADING CONSTRUCTION

- a. Ejector panel to have a structural steel tubular frame
- b. Panel guide tracks to be formed 3/16" steel plate
- c. Panel guide/cylinder enclosure tube shall be 5" x 7" x 3/16" structural steel tube equipped with HARDOX 450 steel wear strips

17. HYDRAULICS PUMP

- a. All body and lift functions shall be powered by tandem-section gear type pump (25 G.P.M. @ 800 R.P.M.). This pump shall be powered by a transmission mounted Chelsea Model 890 power take off. Each pump section shall automatically unload to tank when factor flow settings are exceeded. This feature prevents inadvertent or accidental over-speed of the system

18. HYDRAULICS CONTROL VALVE

- a. The body main valve must be a Parker Hydraulics Model VA-35 with main system pressure set @2600 P.S.I. This valve must have one (1) control section to act as directional control for the packer. This valve must be

electric/air/hydraulic controlled by automotive style relays. NO COMPUTERS OR PLC'S.

- b. The valve assembly that controls all other loading and body unloading functions shall be Parker Hydraulics Model VA-20 with relief set @ 2500 P.S.I. Valve spool control must be pneumatic. Body operating functions must operate with NO COMPUTERS OR PLC'S.

19. HYDRAULIC RESERVOIR

- a. The body shall be equipped with a hydraulic reservoir with a minimum capacity of (50) gallons. This reservoir shall be equipped with a fill cap, breather, fluid level indicator and temperature gauge

20. HYDRAULICS FILTRATION AND SERVICE (SYSTEM CLEANLINESS AND PROTECTION AGAINST CONTAMINATION SHALL BE ACCOMPLISHED THROUGH THE USE OF THE FOLLOWING DEVICES)

- a. All oil shall be routed through a 10 micron return line filter. This filter shall be installed in the top of the hydraulic reservoir and properly sized so that 100% of the flow is filtered under normal operating conditions without bypass. Filter must be located so that all periodic service can be performed from ground level. Filter service must be possible without loss of fluid. Service indicator must be supplied.
- b. In-Line Shutoff - For ease of service the suction line shall be equipped with a shutoff valve plumbed adjacent to the reservoir
- c. Suction Strainer - A 100 mesh oil strainer must be installed in the hydraulic system suction line. This strainer must be serviceable without draining the system reservoir

21. HYDRAULICS PLUMBING

- a. All body and lift plumbing not requiring flexibility to complete its function must be constructed of seamless steel hydraulic tubing correctly sized for each operation. Plumbing requiring hoses shall be routed in such a way as to prevent rubbing, chafing and undue bending

22. IN-CAB CONTROLS (THE FOLLOWING CONTROLS MUST BE MOUNTED INSIDE THE TRUCK CAB FOR SAFE AND CONVENIENT OPERATION)

- a. Hydraulic system on/off switch
- b. Body tailgate controls
- c. Body ejector controls
- d. Work light and strobe light switches
- e. Hopper cover control
- f. Packer override/reverse switch

23. LIGHTS

- a. Standard lights shall be supplied in accordance with FMVSS#108
- b. All body lights must be TRUCKLITE Model "Super 44" L.E.D. with series 50 wiring harness
- c. Curb-side loading location must have work lights
- d. Peterson Smart-Lite strobe/turn system, four (4) rear, two (2) front
- e. Mid-body turn signals

24. ACCESSORIES

- a. Federal under-ride bumper shall be installed
- b. Tailgate safety prop shall be provided
- c. Body "up" and tailgate "unlock" alarm shall be provided
- d. Back up alarm shall be provided
- e. Both body and hopper shall have access doors on each side for cleaning behind the packer and ejector panels. Doors must be sealed when closed
- f. Triple camera system by ZONE DEFENSE (Hopper, Back-up, Left side)
- g. Detached aluminum service ladder
- h. Broom and shovel holder

25. PAINTING PROCEDURES

- a. The body and lift shall be free of all weld slag, dirt and grease and be prepared prior to painting in accordance with the paint manufacturers specifications
- b. Body and loading mechanism shall receive at least one coat of primer and one finish coat of polyurethane enamel. Primer shall be approved for use with the finish coat material

26. WARRANTY

a. A minimum two-year warranty against manufacturing defects shall be provided by the manufacturer



NORTH CAROLINA SHERIFFS' ASSOCIATION

G-S - SB8232S SPECIFICATION #9

2016 G-S SB8232S -32 Cubic Yard

The G-S SB8232S -32 Cubic Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$121,295.22	\$121,295.22	\$121,295.22	\$121,295.22

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	SB8232S -32 Cubic Yard			
DEALER:	GSP Marketing	GSP Marketing	GSP Marketing	GSP Marketing
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$121,295.22	\$121,295.22	\$121,295.22	\$121,295.22

Order Code	Add Options	All Zones
Cart tipper ¹	Dumping attachment for 30-100 gallon containers. Semi-automated container attachments must be equipped with positive lock, automatic container latches. These latches must be linkage actuated by the lower bin lift arm and must require no action by the operator other than bin control lever operation. In order to prevent possible container damage, the container latches must automatically engage the container lower bar after the container is well clear of the ground or curb on the bin "up" cycle and automatically release well before the container reaches the ground or curb on the bin "down" cycle. Attachment of semi-automated carts to the container attachment shall not require tipping of the container or opening of the container lid for proper engagement <i>Sold individually</i> ¹	\$653.54 ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>G-S - TC8129P (Specification #10)</u>			
GSP Marketing	2016 G-S TC8129P - 29 Cubic Yard	★Appalachia	\$89,325.88
GSP Marketing	2016 G-S TC8129P - 29 Cubic Yard	★Dogwood	\$89,325.88
GSP Marketing	2016 G-S TC8129P - 29 Cubic Yard	★Cardinal	\$89,325.88
GSP Marketing	2016 G-S TC8129P - 29 Cubic Yard	★Longleaf Pine	\$89,325.88



NORTH CAROLINA SHERIFFS' ASSOCIATION

G-S - TC8129P SPECIFICATION #10

2016 G-S TC8129P - 29 Cubic Yard

29 cubic yard side loader pacmor style container lift, full eject - This specification describes a truck mounted, hydraulic refuse packer. This machine must be equipped with a lifting mechanism for PACMOR type side load commercial containers on the curb-side. Body must be designed so that optimum load distribution can be achieved when installed on a 62,000-66,000 G.V.W. truck cab chassis. Body installation shall not require modification to a standard truck chassis forward of the rear suspension. (no drop frame)

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY CAPACITY

- a. The body shall have a usable capacity of Twenty nine (29) cubic yards including the tailgate (EXCLUDING LOADING HOPPER)

2. BODY DIMENSIONS

- a. Body length - 209" - (including bustle tailgate)
- b. Overall height above chassis - 102" (container lift in "down" position)
- c. Overall height above chassis MUST NOT EXCEED - 134" - (curb-side bin in full "up" position). NO EXCEPTIONS!
- d. Overall body width with loading bucket and container lift in down position - 102"

3. BODY CONSTRUCTION

- a. The body floor shall be constructed of 1/4" HARDOX 450 steel plate
- b. The body floor shall have 8" x 11.5 lbs/ft structural channel long - members
- c. Body sides shall be curved shell style, ten (10) gauge steel sheet. ASTM 656, Grade 80
- d. Body roof shall be curved shell style, ten (10) gauge steel sheet. ASTM 656, Grade 80
- e. All external welds shall be continuous

4. TAILGATE CAPACITY

- a. The tailgate shall have a usable capacity of 8.20 cubic yards minimum

5. TAILGATE CONSTRUCTION

- a. Body tailgate shall be bustle type, top hinged, with heavy-duty hinges and tapered-pin plunger style locks. Pivots and lock pins must have grease fittings
- b. Tailgate shall be equipped with a flow control device to assure smooth, even operation
- c. Tailgate to be constructed from 12 gauge steel sheet and framed with formed steel channel
- d. Gate shall have a seal across the bottom and at least 16" up each side to control liquid leakage

6. TAILGATE OPERATION

- a. For greater operational stability and safety the tailgate shall be raised and lowered with two 2 1/2" bore x 28" stroke double acting hydraulic cylinders
- b. All tailgate controls shall be located inside the truck cab within easy reach of the operator's position. I.E. tailgate operation shall not require exit of the cab by the driver. Controls shall be electric/air/hydraulic and spring returned to the "neutral" position
- c. Tailgate to lock and release hydraulically through the use of positive acting, tapered rod, plunger style locks
- d. Tailgate ajar and lock status warning light and alarm to be installed in the truck cab
- e. Safety prop for tailgate to be included
- f. All exterior welds to be continuous

7. PACKER HOPPER FUNCTION

- a. The receiving hopper shall have 6.0 cubic yards capacity minimum
- b. Hopper shall act as receiving chamber for materials dumped by the loading bin and container lift

8. PACKER HOPPER CONSTRUCTION

- a. Hopper floor to be constructed of 1/2" HARDOX 450 steel plate
- b. Hopper side walls to be 1/4" HARDOX 450 steel plate

9. COMPACTOR FUNCTION

- a. Compactor is to move the material dumped by the container loader from the receiving hopper into the body chamber. Also, compactor is to compress the loaded material to such an extent that the vehicle is loaded to its' recommended capacity

10. COMPACTOR OPERATION

- a. Compactor to be powered by one (1), 6" bore x 84" stroke, single section, dual acting hydraulic cylinder
- b. Packer cycle shall be 40 seconds @1200 R.P.M.
- c. When fully extended, compactor must penetrate the body by 18" minimum. This aids compaction of the material and reduces fallback into the loading hopper
- d. Compactor shall displace 2.6 cubic yards/cycle minimum
- e. Compactor shall have "on-demand" style controls with both "AUTOMATIC PACK" and "MANUAL PACK" selector console mounted in the truck cab and convenient from both sides of cab
- f. Compactor stroke shall be automatically reversible through the use of high quality automotive grade switches sensitive to both position and pressure
- g. Unit to be equipped with a "near-loaded" warning alarm to alert operator that body is approaching it's maximum capacity

11. COMPACTOR CONSTRUCTION

- a. Compactor to be guided by a floor mounted "T" track beam
- b. Both the "T" track beam and compactor guide shoes must be made of HARDOX 450 steel plate
- c. The compactor shall be constructed of engineered steel sections and fully tested using state-of-the-art Finite Stress Analysis technology

12. LOADING DEVICE FUNCTION (CURB-SIDE)

- a. The container lifting device must be capable of attaching, lifting, and dumping PACMOR style containers currently in use by the purchasing authority.
- b. Container lift must be capable of lifting and dumping containers weighing up to 3200 pounds
- c. Lift shall transit the container from the ground position essentially in a vertical plane and rotate to dump at approximately forty-five degrees from vertical into the compaction hopper
- d. Lift cycle shall be approximately 20 seconds at engine idle
- e. Lift carriage shall be track guided by roller bearing type steel cam-followers and stabilized by two lift arms, one at each end
- f. Lift shall extend 48" out from the stowed position if needed to attach to containers
- g. Extend and retract function will be accomplished with a 2.5" bore x 48" stroke hydraulic cylinder with fluid cushion at base end
- h. Lift up and down motion shall be powered by two (2) 4" bore x 16" stroke hydraulic cylinders with 1.5" fluid cushions in both the rod and base ends

13. LOADING DEVICE CONSTRUCTION (CURB-SIDE)

- a. Lifting arms must be constructed of solid, high tensile steel plate. Tubular load lifting components are not acceptable
- b. All loading mechanism connecting pins shall be 1.25" diameter, 4140 steel alloy, and surface hardened to 60,000 Rockwell or GRADE 8 S.A.E. bolts

14. LOADING DEVICE CONTROLS (CURB-SIDE)

- a. Controls for lift shall be conveniently located for operation from the driver's in-cab seated position.

15. BODY UNLOADING FUNCTION

- a. Body payload to be offloaded by hydraulically powered horizontal ejection
- b. Ejector panel to be operated by two (2), 3" bore x 80" stroke, single section, double acting hydraulic cylinders
- c. Ejector operation shall be sequenced so that panel will "extend" only when packer panel is in full "extend" position and tailgate is fully "up"
- d. Controls to be mounted convenient to operator's in-cab driving location

16. BODY UNLOADING CONSTRUCTION

- a. Ejector panel to have a structural steel tubular frame
- b. Panel guide tracks to be formed 3/16" steel plate
- c. Panel guide/cylinder enclosure tube shall be 5" x 7" x 3/16" structural steel tube equipped with HARDOX 450 steel wear strips
- d. Floor level wear pads must be HARDOX 450 steel plate

17. HYDRAULICS PUMP

- a. All body and lift functions shall be powered by a single-section gear type pump. This pump shall be powered by a transmission mounted "hot shift" power take off or crankshaft driven as preferred by the using agency

18. HYDRAULICS CONTROL VALVE

- a. The body and lift functions shall be controlled by a single stack type air activated directional hydraulic valve. All controls for the body and lift shall be air/hydraulic. This directional control valve shall be equipped with a reliable system pressure protection device. The maximum system operating pressure shall be 2500 P.S.I.

19. HYDRAULIC RESERVOIR

- a. The body shall be equipped with a hydraulic reservoir with a minimum capacity of (30) gallons. This reservoir shall be equipped with a fill cap, breather, fluid level indicator and temperature gauge

20. HYDRAULIC FILTRATION AND SERVICE (SYSTEM CLEANLINESS AND PROTECTION AGAINST CONTAMINATION SHALL BE ACCOMPLISHED THROUGH THE USE OF THE FOLLOWING DEVICES)

- a. High Pressure Filter - All oil shall be routed through a 10 micron pressure line filter. This filter shall be installed between the hydraulic pump and the body control valve and properly sized so that 100% of the flow is filtered under normal operating conditions without bypass. Filter must be located so that all periodic service can be performed from ground level without the need for ladders or work-stands
- b. In-Line Shutoff - For ease of service the suction line shall be equipped with a shutoff valve plumbed adjacent to the reservoir
- c. Suction Strainer - A 100-mesh oil strainer must be installed in the hydraulic system suction line. This strainer must be serviceable without draining the system reservoir

21. HYDRAULICS PLUMBING

- a. All body and lift plumbing not requiring flexibility to complete its function must be constructed of seamless steel hydraulic tubing correctly sized for each operation. Plumbing requiring hoses shall be routed in such a way as to prevent rubbing, chaffing and undue bending

22. IN-CAB CONTROLS (THE FOLLOWING CONTROLS MUST BE MOUNTED INSIDE THE TRUCK CAB FOR SAFE AND CONVENIENT OPERATION)

- a. Hydraulic system on/off switch
- b. Body tailgate control
- c. Body ejector control
- d. Work light and strobe light switches

23. LIGHTS

- a. Standard lights shall be supplied in accordance with FMVSS#108
- b. All body lights must be TRUCKLITE Model "Super 44" L.E.D. with series 50 wiring harness
- c. Both street side and curbside loading locations must have work lights

24. ACCESSORIES

- a. Federal under-ride bumper shall be installed
- b. Tailgate safety prop shall be provided
- c. Body "up" and tailgate "unlock" alarm shall be provided
- d. Back up alarm shall be provided
- e. Both body and hopper shall have access doors on each side for cleaning behind the packer and ejector panels. Doors must be sealed when closed

25. PAINT

- a. The body and lift shall be free of all weld slag, dirt and grease and be prepared prior to painting in accordance with the paint manufacturers specifications
- b. Body and loading mechanism shall receive at least one coat of primer and one finish coat of polyurethane enamel. Primer shall be approved for use with the finish coat material

26. WARRANTY

- a. A minimum two-year warranty against manufacturing defects shall be provided by the manufacturer



NORTH CAROLINA SHERIFFS' ASSOCIATION

G-S - TC8129P SPECIFICATION #10

2016 G-S TC8129P - 29 Cubic Yard

The G-S TC8129P - 29 Cubic Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$89,325.88	\$89,325.88	\$89,325.88	\$89,325.88

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	TC8129P - 29 Cubic Yard			
DEALER:	GSP Marketing	GSP Marketing	GSP Marketing	GSP Marketing
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$89,325.88	\$89,325.88	\$89,325.88	\$89,325.88



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>GALBREATH CABLE PULL ROLL OFF HOIST & TARP SYSTEM (Specification #11)</u>			
Carolina Environmental Systems	2016 Galbreath Cable Pull Roll Off Hoist & Tarp System	★Appalachia	\$42,450.00
Carolina Environmental Systems	2016 Galbreath Cable Pull Roll Off Hoist & Tarp System	★Dogwood	\$42,450.00
Carolina Environmental Systems	2016 Galbreath Cable Pull Roll Off Hoist & Tarp System	★Cardinal	\$42,450.00
Carolina Environmental Systems	2016 Galbreath Cable Pull Roll Off Hoist & Tarp System	★Longleaf Pine	\$42,450.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

GALBREATH CABLE PULL ROLL OFF HOIST & TARP SYSTEM SPECIFICATION #11

2016 Galbreath Cable Pull Roll Off Hoist & Tarp System

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BASE BODY

- a. 60,000 lbs. reeving type outside rail
- b. Lift cylinders 6" x 72" x 4" (two)
- c. Reeving cylinders 7" x 80" x 4" (two)
- d. Inside air controls/outside levers
- e. 3 micron filtration, 42 GPM pump
- f. Rear folding ICC bumper, air assisted
- g. 7/8" twisted wire cable
- h. Rear ratchet DOT tie downs
 - i. Heavy duty rear light bar with LED grommet mounted bulbs
 - j. One (1) year base warranty
 - k. Two (2) year hydraulic warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

GALBREATH CABLE PULL ROLL OFF HOIST & TARP SYSTEM SPECIFICATION #11

2016 Galbreath Cable Pull Roll Off Hoist & Tarp System

The Galbreath Cable Pull Roll Off Hoist & Tarp System purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$42,450.00	\$42,450.00	\$42,450.00	\$42,450.00

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VEHICLE:	Cable Pull Roll Off Hoist & Tarp System			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$42,450.00	\$42,450.00	\$42,450.00	\$42,450.00

Order Code	Add Options	All Zones
	Mounting	Incl.
	Direct mount gear pump with PTO and overspeed control	Incl.
	LED body lights	Incl.
	Tandem Steel fenders	Incl.
	48" x 16" x 20" Steel tool box	Incl.
	Pioneer Rack N Pinion Tarp System with integrated valve bank	Incl.
	Four (4) rear worklights; tarp gantry and bumper	Incl.
	Huckbolt fasteners for chassis mounting	Incl.
	Urethane enamel finish coat of paint	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>GALBREATH DPHK SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL U2 (Specification #12)</u>			
Carolina Environmental Systems	2016 Galbreath DPHK Series Double Pivot Hook Lift Hoist Model U2	★Appalachia	\$31,800.00
Carolina Environmental Systems	2016 Galbreath DPHK Series Double Pivot Hook Lift Hoist Model U2	★Dogwood	\$31,800.00
Carolina Environmental Systems	2016 Galbreath DPHK Series Double Pivot Hook Lift Hoist Model U2	★Cardinal	\$31,800.00
Carolina Environmental Systems	2016 Galbreath DPHK Series Double Pivot Hook Lift Hoist Model U2	★Longleaf Pine	\$31,800.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

GALBREATH DPHK SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL **U2** **SPECIFICATION #12**

2016 Galbreath DPHK Series Double Pivot Hook Lift Hoist Model U2

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **BASE BODY**

- a. Double pivot design
- b. Slide through body locks
- c. Dual lift cylinders
- d. Single jib cylinders
- e. Huckbolt fasteners for chassis mounting



NORTH CAROLINA SHERIFFS' ASSOCIATION

GALBREATH DPHK SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL U2 SPECIFICATION #12

2016 Galbreath DPHK Series Double Pivot Hook Lift Hoist Model U2

The Galbreath DPHK Series Double Pivot Hook Lift Hoist Model U2 purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$31,800.00	\$31,800.00	\$31,800.00	\$31,800.00

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VEHICLE:	DPHK Series Double Pivot Hook Lift Hoist Model U2			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$31,800.00	\$31,800.00	\$31,800.00	\$31,800.00

Order Code	Add Options	All Zones
	Mounting	Incl.
	Direct mount gear pump with PTO and overspeed control	Incl.
	LED body lights	Incl.
	Rear ICC bumper/light bar with recessed grommet mounted LED bulbs	Incl.
	Inside air controls	Incl.
	Steel fenders	Incl.
	Urethane enamel finish coat of paint	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>GALBREATH DPHK SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL U3 (Specification #13)</u>			
Carolina Environmental Systems	2016 Galbreath DPHK Series Double Pivot Hook Lift Hoist Model U3	★Appalachia	\$36,800.00
Carolina Environmental Systems	2016 Galbreath DPHK Series Double Pivot Hook Lift Hoist Model U3	★Dogwood	\$36,800.00
Carolina Environmental Systems	2016 Galbreath DPHK Series Double Pivot Hook Lift Hoist Model U3	★Cardinal	\$36,800.00
Carolina Environmental Systems	2016 Galbreath DPHK Series Double Pivot Hook Lift Hoist Model U3	★Longleaf Pine	\$36,800.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

GALBREATH DPHK SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL **U3** **SPECIFICATION #13**

2016 Galbreath DPHK Series Double Pivot Hook Lift Hoist Model U3

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **BASE BODY**

- a. Double pivot design
- b. Slide through body locks
- c. Dual lift cylinders
- d. Single jib cylinders
- e. Huckbolt fasteners for chassis mounting



NORTH CAROLINA SHERIFFS' ASSOCIATION

GALBREATH DPHK SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL U3 SPECIFICATION #13

2016 Galbreath DPHK Series Double Pivot Hook Lift Hoist Model U3

The Galbreath DPHK Series Double Pivot Hook Lift Hoist Model U3 purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$36,800.00	\$36,800.00	\$36,800.00	\$36,800.00

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VEHICLE:	DPHK Series Double Pivot Hook Lift Hoist Model U3			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$36,800.00	\$36,800.00	\$36,800.00	\$36,800.00

Order Code	Add Options	All Zones
	Mounting	Incl.
	Direct mount gear pump with PTO and overspeed control	Incl.
	LED body lights	Incl.
	Rear ICC bumper/light bar with recessed grommet mounted LED bulbs	Incl.
	Inside air controls	Incl.
	Steel fenders	Incl.
	Urethane enamel finish coat of paint	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>GALBREATH DPHK SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL U5 (Specification #14)</u>			
Carolina Environmental Systems	2016 Galbreath DPHK Series Double Pivot Hook Lift Hoist Model U5	★Appalachia	\$43,000.00
Carolina Environmental Systems	2016 Galbreath DPHK Series Double Pivot Hook Lift Hoist Model U5	★Dogwood	\$43,000.00
Carolina Environmental Systems	2016 Galbreath DPHK Series Double Pivot Hook Lift Hoist Model U5	★Cardinal	\$43,000.00
Carolina Environmental Systems	2016 Galbreath DPHK Series Double Pivot Hook Lift Hoist Model U5	★Longleaf Pine	\$43,000.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

GALBREATH DPHK SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL **U5** **SPECIFICATION #14**

2016 Galbreath DPHK Series Double Pivot Hook Lift Hoist Model U5

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **BASE BODY**

- a. Double pivot design
- b. Slide through body locks
- c. Dual lift cylinders
- d. Single jib cylinders
- e. Huckbolt fasteners for chassis mounting



NORTH CAROLINA SHERIFFS' ASSOCIATION

GALBREATH DPHK SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL U5 SPECIFICATION #14

2016 Galbreath DPHK Series Double Pivot Hook Lift Hoist Model U5

The Galbreath DPHK Series Double Pivot Hook Lift Hoist Model U5 purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$43,000.00	\$43,000.00	\$43,000.00	\$43,000.00

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VEHICLE:	DPHK Series Double Pivot Hook Lift Hoist Model U5			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$43,000.00	\$43,000.00	\$43,000.00	\$43,000.00

Order Code	Add Options	All Zones
	Mounting	Incl.
	Direct mount gear pump with PTO and overspeed control	Incl.
	LED body lights	Incl.
	Rear ICC bumper/light bar with recessed grommet mounted LED bulbs	Incl.
	Inside air controls	Incl.
	Steel fenders	Incl.
	Urethane enamel finish coat of paint	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>GALBREATH DPHK SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL U6 (Specification #15)</u>			
Carolina Environmental Systems	2016 Galbreath DPHK Series Double Pivot Hook Lift Hoist Model U6	★Appalachia	\$49,600.00
Carolina Environmental Systems	2016 Galbreath DPHK Series Double Pivot Hook Lift Hoist Model U6	★Dogwood	\$49,600.00
Carolina Environmental Systems	2016 Galbreath DPHK Series Double Pivot Hook Lift Hoist Model U6	★Cardinal	\$49,600.00
Carolina Environmental Systems	2016 Galbreath DPHK Series Double Pivot Hook Lift Hoist Model U6	★Longleaf Pine	\$49,600.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

GALBREATH DPHK SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL **U6** **SPECIFICATION #15**

2016 Galbreath DPHK Series Double Pivot Hook Lift Hoist Model U6

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **BASE BODY**

- a. Double pivot design
- b. Slide through body locks
- c. Dual lift cylinders
- d. Single jib cylinders
- e. Huckbolt fasteners for chassis mounting



NORTH CAROLINA SHERIFFS' ASSOCIATION

GALBREATH DPHK SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL U6 SPECIFICATION #15

2016 Galbreath DPHK Series Double Pivot Hook Lift Hoist Model U6

The Galbreath DPHK Series Double Pivot Hook Lift Hoist Model U6 purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$49,600.00	\$49,600.00	\$49,600.00	\$49,600.00

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VEHICLE:	DPHK Series Double Pivot Hook Lift Hoist Model U6			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$49,600.00	\$49,600.00	\$49,600.00	\$49,600.00

Order Code	Add Options	All Zones
	Mounting	Incl.
	Direct mount gear pump with PTO and overspeed control	Incl.
	LED body lights	Incl.
	Rear ICC bumper/light bar with recessed grommet mounted LED bulbs	Incl.
	Inside air controls	Incl.
	Steel fenders	Incl.
	Urethane enamel finish coat of paint	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>HEIL DURAPACK 5000 REAR LOADER - 18 CUBIC YARD (Specification #16)</u>			
Carolina Environmental Systems	2016 Heil DuraPack 5000 Rear Loader - 18 Cubic Yard	★Appalachia	\$71,300.00
Carolina Environmental Systems	2016 Heil DuraPack 5000 Rear Loader - 18 Cubic Yard	★Dogwood	\$71,300.00
Carolina Environmental Systems	2016 Heil DuraPack 5000 Rear Loader - 18 Cubic Yard	★Cardinal	\$71,300.00
Carolina Environmental Systems	2016 Heil DuraPack 5000 Rear Loader - 18 Cubic Yard	★Longleaf Pine	\$71,300.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK 5000 REAR LOADER - 18 CUBIC YARD **SPECIFICATION #16**

2016 Heil DuraPack 5000 Rear Loader - 18 Cubic Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BASE BODY

- a. Body floor - 7 gauge 80,000 psi; flat floor design with interlaced subframe
- b. Body sides - 8 gauge, 80,000 psi
- c. Body roof - 8 gauge, 80,000 psi
- d. Tailgate sides - 3/16" AR 400, 184,000 psi
- e. Hopper Floor - 3/16" AR 400, 184,000 psi
- f. Packer Blade - 3/16" AR 400, 184,000 psi
- g. Sweep Blade - 3/16" AR 400, 184,000 psi
- h. Body width 96"
- i. Body height 96"
- j. Hopper size - 3.94 cubic yard
- k. Hopper loading width - 80"
 - l. Loading sill height - 3.8" below chassis frame height
- m. Cycle time approximately 28 - 30 seconds
- n. Compaction ration 900-1,000 lbs. per cubic yard
- o. Sweep cylinders - 5"
- p. Pack cylinders - 5.5"
- q. Hydraulic pump - 42 GPM
- r. System pressure 2,500 psi
- s. 3 micron return line oil filter
- t. In-cab filter bypass monitor
- u. One (1) year body warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK 5000 REAR LOADER - 18 CUBIC YARD SPECIFICATION #16

2016 Heil DuraPack 5000 Rear Loader - 18 Cubic Yard

The Heil DuraPack 5000 Rear Loader - 18 Cubic Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$71,300.00	\$71,300.00	\$71,300.00	\$71,300.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	DuraPack 5000 Rear Loader - 18 Cubic Yard			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$71,300.00	\$71,300.00	\$71,300.00	\$71,300.00

Order Code	Add Options	All Zones
	Factory Mounting	Incl.
	Direct mount gear group	Incl.
	Hot shift PTO with overspeed protection	Incl.
	Hopper worklight	Incl.
	Peterson Smart light system with full body LED lights	Incl.
	Dual rear buzzers	Incl.
	Streetside body access door	Incl.
	Body undercoating	Incl.
	Rear vision camera system with 7" flat screen color monitor	Incl.
	Dual factory cart tipper hydraulics	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>HEIL DURAPACK 5000 REAR LOADER - 20 CUBIC YARD (Specification #17)</u>			
Carolina Environmental Systems	2016 Heil DuraPack 5000 Rear Loader - 20 Cubic Yard	★Appalachia	\$72,350.00
Carolina Environmental Systems	2016 Heil DuraPack 5000 Rear Loader - 20 Cubic Yard	★Dogwood	\$72,350.00
Carolina Environmental Systems	2016 Heil DuraPack 5000 Rear Loader - 20 Cubic Yard	★Cardinal	\$72,350.00
Carolina Environmental Systems	2016 Heil DuraPack 5000 Rear Loader - 20 Cubic Yard	★Longleaf Pine	\$72,350.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK 5000 REAR LOADER - 20 CUBIC YARD **SPECIFICATION #17**

2016 Heil DuraPack 5000 Rear Loader - 20 Cubic Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BASE BODY

- a. Body floor - 7 gauge 80,000 psi; flat floor design with interlaced subframe
- b. Body sides - 8 gauge, 80,000 psi
- c. Body roof - 8 gauge, 80,000 psi
- d. Tailgate sides - 3/16" AR 400, 184,000 psi
- e. Hopper Floor - 3/16" AR 400, 184,000 psi
- f. Packer Blade - 3/16" AR 400, 184,000 psi
- g. Sweep Blade - 3/16" AR 400, 184,000 psi
- h. Body width 96"
- i. Body height 96"
- j. Hopper size - 3.94 cubic yard
- k. Hopper loading width - 80"
 - l. Loading sill height - 3.8" below chassis frame height
- m. Cycle time approximately 28 - 30 seconds
- n. Compaction ration 900-1,000 lbs. per cubic yard
- o. Sweep cylinders - 5"
- p. Pack cylinders - 5.5"
- q. Hydraulic pump - 42 GPM
- r. System pressure 2,500 psi
- s. 3 micron return line oil filter
- t. In-cab filter bypass monitor
- u. One (1) year body warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK 5000 REAR LOADER - 20 CUBIC YARD SPECIFICATION #17

2016 Heil DuraPack 5000 Rear Loader - 20 Cubic Yard

The Heil DuraPack 5000 Rear Loader - 20 Cubic Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$72,350.00	\$72,350.00	\$72,350.00	\$72,350.00

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	DuraPack 5000 Rear Loader - 20 Cubic Yard			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$72,350.00	\$72,350.00	\$72,350.00	\$72,350.00

Order Code	Add Options	All Zones
	Factory Mounting	Incl.
	Direct mount gear group	Incl.
	Hot shift PTO with overspeed protection	Incl.
	Hopper worklight	Incl.
	Peterson Smart light system with full body LED lights	Incl.
	Dual rear buzzers	Incl.
	Streetside body access door	Incl.
	Body undercoating	Incl.
	Rear vision camera system with 7" flat screen color monitor	Incl.
	Dual factory cart tipper hydraulics	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>HEIL DURAPACK 5000 REAR LOADER - 25 CUBIC YARD (Specification #18)</u>			
Carolina Environmental Systems	2016 Heil DuraPack 5000 Rear Loader - 25 Cubic Yard	★Appalachia	\$74,800.00
Carolina Environmental Systems	2016 Heil DuraPack 5000 Rear Loader - 25 Cubic Yard	★Dogwood	\$74,800.00
Carolina Environmental Systems	2016 Heil DuraPack 5000 Rear Loader - 25 Cubic Yard	★Cardinal	\$74,800.00
Carolina Environmental Systems	2016 Heil DuraPack 5000 Rear Loader - 25 Cubic Yard	★Longleaf Pine	\$74,800.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK 5000 REAR LOADER - 25 CUBIC YARD **SPECIFICATION #18**

2016 Heil DuraPack 5000 Rear Loader - 25 Cubic Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BASE BODY

- a. Body floor - 7 gauge 80,000 psi; flat floor design with interlaced subframe
- b. Body sides - 8 gauge, 80,000 psi
- c. Body roof - 8 gauge, 80,000 psi
- d. Tailgate sides - 3/16" AR 400, 184,000 psi
- e. Hopper Floor - 3/16" AR 400, 184,000 psi
- f. Packer Blade - 3/16" AR 400, 184,000 psi
- g. Sweep Blade - 3/16" AR 400, 184,000 psi
- h. Body width 96"
- i. Body height 96"
- j. Hopper size - 3.94 cubic yard
- k. Hopper loading width - 80"
 - l. Loading sill height - 3.8" below chassis frame height
- m. Cycle time approximately 28 - 30 seconds
- n. Compaction ration 900-1,000 lbs. per cubic yard
- o. Sweep cylinders - 5"
- p. Pack cylinders - 5.5"
- q. Hydraulic pump - 42 GPM
- r. System pressure 2,500 psi
- s. 3 micron return line oil filter
- t. In-cab filter bypass monitor
- u. One (1) year body warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK 5000 REAR LOADER - 25 CUBIC YARD SPECIFICATION #18

2016 Heil DuraPack 5000 Rear Loader - 25 Cubic Yard

The Heil DuraPack 5000 Rear Loader - 25 Cubic Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$74,800.00	\$74,800.00	\$74,800.00	\$74,800.00

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	DuraPack 5000 Rear Loader - 25 Cubic Yard			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$74,800.00	\$74,800.00	\$74,800.00	\$74,800.00

Order Code	Add Options	All Zones
	Factory Mounting	Incl.
	Direct mount gear group	Incl.
	Hot shift PTO with overspeed protection	Incl.
	Hopper worklight	Incl.
	Peterson Smart light system with full body LED lights	Incl.
	Dual rear buzzers	Incl.
	Streetside body access door	Incl.
	Body undercoating	Incl.
	Rear vision camera system with 7" flat screen color monitor	Incl.
	Dual factory cart tipper hydraulics	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>HEIL DURAPACK 5000 REAR LOADER - 27 CUBIC YARD (Specification #19)</u>			
Carolina Environmental Systems	2016 Heil DuraPack 5000 Rear Loader - 27 Cubic Yard	★Appalachia	\$76,100.00
Carolina Environmental Systems	2016 Heil DuraPack 5000 Rear Loader - 27 Cubic Yard	★Dogwood	\$76,100.00
Carolina Environmental Systems	2016 Heil DuraPack 5000 Rear Loader - 27 Cubic Yard	★Cardinal	\$76,100.00
Carolina Environmental Systems	2016 Heil DuraPack 5000 Rear Loader - 27 Cubic Yard	★Longleaf Pine	\$76,100.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK 5000 REAR LOADER - 27 CUBIC YARD **SPECIFICATION #19**

2016 Heil DuraPack 5000 Rear Loader - 27 Cubic Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BASE BODY

- a. Body floor - 7 gauge 80,000 psi; flat floor design with interlaced subframe
- b. Body sides - 8 gauge, 80,000 psi
- c. Body roof - 8 gauge, 80,000 psi
- d. Tailgate sides - 3/16" AR 400, 184,000 psi
- e. Hopper Floor - 3/16" AR 400, 184,000 psi
- f. Packer Blade - 3/16" AR 400, 184,000 psi
- g. Sweep Blade - 3/16" AR 400, 184,000 psi
- h. Body width 96"
- i. Body height 96"
- j. Hopper size - 3.94 cubic yard
- k. Hopper loading width - 80"
 - l. Loading sill height - 3.8" below chassis frame height
- m. Cycle time approximately 28 - 30 seconds
- n. Compaction ration 900-1,000 lbs. per cubic yard
- o. Sweep cylinders - 5"
- p. Pack cylinders - 5.5"
- q. Hydraulic pump - 42 GPM
- r. System pressure 2,500 psi
- s. 3 micron return line oil filter
- t. In-cab filter bypass monitor
- u. One (1) year body warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK 5000 REAR LOADER - 27 CUBIC YARD SPECIFICATION #19

2016 Heil DuraPack 5000 Rear Loader - 27 Cubic Yard

The Heil DuraPack 5000 Rear Loader - 27 Cubic Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$76,100.00	\$76,100.00	\$76,100.00	\$76,100.00

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VEHICLE:	DuraPack 5000 Rear Loader - 27 Cubic Yard			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$76,100.00	\$76,100.00	\$76,100.00	\$76,100.00

Order Code	Add Options	All Zones
	Factory Mounting	Incl.
	Direct mount gear group	Incl.
	Hot shift PTO with overspeed protection	Incl.
	Hopper worklight	Incl.
	Peterson Smart light system with full body LED lights	Incl.
	Dual rear buzzers	Incl.
	Streetside body access door	Incl.
	Body undercoating	Incl.
	Rear vision camera system with 7" flat screen color monitor	Incl.
	Dual factory cart tipper hydraulics	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>HEIL DURAPACK 5000 REAR LOADER - 32 CUBIC YARD (Specification #20)</u>			
Carolina Environmental Systems	2016 Heil DuraPack 5000 Rear Loader - 32 Cubic Yard	★Appalachia	\$78,400.00
Carolina Environmental Systems	2016 Heil DuraPack 5000 Rear Loader - 32 Cubic Yard	★Dogwood	\$78,400.00
Carolina Environmental Systems	2016 Heil DuraPack 5000 Rear Loader - 32 Cubic Yard	★Cardinal	\$78,400.00
Carolina Environmental Systems	2016 Heil DuraPack 5000 Rear Loader - 32 Cubic Yard	★Longleaf Pine	\$78,400.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK 5000 REAR LOADER - 32 CUBIC YARD **SPECIFICATION #20**

2016 Heil DuraPack 5000 Rear Loader - 32 Cubic Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **BASE BODY**

- a. Factory Mounting
- b. Direct mount gear group
- c. Hot shift PTO with overspeed protection
- d. Hopper worklight
- e. Peterson Smart light system with full body LED lights
- f. Dual rear buzzers
- g. Streetside body access door
- h. Body undercoating
- i. Rear vision camera system with 7" flat screen color monitor
- j. Dual factory cart tipper hydraulics
- k. Incoming freight and service



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK 5000 REAR LOADER - 32 CUBIC YARD SPECIFICATION #20

2016 Heil DuraPack 5000 Rear Loader - 32 Cubic Yard

The Heil DuraPack 5000 Rear Loader - 32 Cubic Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$78,400.00	\$78,400.00	\$78,400.00	\$78,400.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

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VEHICLE:	DuraPack 5000 Rear Loader - 32 Cubic Yard			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$78,400.00	\$78,400.00	\$78,400.00	\$78,400.00

Order Code	Add Options	All Zones
	Body floor - 7 gauge 80,000 psi; flat floor design with interlaced subframe	Incl.
	Body sides - 8 gauge, 80,000 psi	Incl.
	Body roof - 8 gauge, 80,000 psi	Incl.
	Tailgate sides - 3/16" AR 400, 184,000 psi	Incl.
	Hopper Floor - 3/16" AR 400, 184,000 psi	Incl.
	Packer Blade - 3/16" AR 400, 184,000 psi	Incl.
	Sweep Blade - 3/16" AR 400, 184,000 psi	Incl.
	Body width 96"	Incl.
	Body height 96"	Incl.
	Hopper size - 3.94 cubic yard	Incl.
	Hopper loading width - 80"	Incl.
	Loading sill height - 3.8" below chassis frame height	Incl.
	Cycle time approximately 28 - 30 seconds	Incl.
	Compaction ration 900-1,000 lbs. per cubic yard	Incl.
	Sweep cylinders - 5"	Incl.
	Pack cylinders - 5.5"	Incl.
	Hydraulic pump - 42 GPM	Incl.
	System pressure 2,500 psi	Incl.
	3 micron return line oil filter	Incl.
	In-cab filter bypass monitor	Incl.
	One (1) year body warranty	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>HEIL DURAPACK HALF/PACK AUTOMATED FRONT LOADER - 32 CUBIC YARD (Specification #21)</u>			
Carolina Environmental Systems	2016 Heil DuraPack Half/Pack Automated Front Loader - 32 Cubic Yard	★Appalachia	\$164,600.00
Carolina Environmental Systems	2016 Heil DuraPack Half/Pack Automated Front Loader - 32 Cubic Yard	★Dogwood	\$164,600.00
Carolina Environmental Systems	2016 Heil DuraPack Half/Pack Automated Front Loader - 32 Cubic Yard	★Cardinal	\$164,600.00
Carolina Environmental Systems	2016 Heil DuraPack Half/Pack Automated Front Loader - 32 Cubic Yard	★Longleaf Pine	\$164,600.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK HALF/PACK AUTOMATED FRONT LOADER - 32 CUBIC YARD SPECIFICATION #21

2016 Heil DuraPack Half/Pack Automated Front Loader - 32 Cubic Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BASE BODY

- a. Body floor 1/4" AR 400, 184,000 psi, flat floor design with interlaced subframe
- b. Body sides - 8 gauge, 80,000 psi
- c. Body roof - 8 gauge, 80,000 psi
- d. Hopper floor - 1/4" AR 400, 184,000 psi
- e. Hopper size - 12 cubic yard
- f. Packer blade - 3/16" AR 400, 184,000 psi
- g. Body width - 96"
- h. Body height 107" above chassis rail
- i. Body weight approximately 18,000 lbs.
- j. Arm cycle time, 18 - 20 seconds
- k. Pack cycle time - 26 seconds
 - l. 3 micron return line oil filter
- m. In-cab filter bypass monitor
- n. Compaction ratio, 800 - 900 lbs. per cubic yard
- o. Pack cylinders - 5.5"
- p. Arm cylinders - 4.5"
- q. Fork cylinders - 4"
- r. Hydraulic pump - 52 GPM
- s. System pressure - 2,500 psi
- t. One (1) year body warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK HALF/PACK AUTOMATED FRONT LOADER - 32 CUBIC YARD SPECIFICATION #21

2016 Heil DuraPack Half/Pack Automated Front Loader - 32 Cubic Yard

The Heil DuraPack Half/Pack Automated Front Loader - 32 Cubic Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$164,600.00	\$164,600.00	\$164,600.00	\$164,600.00

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	DuraPack Half/Pack Automated Front Loader - 32 Cubic Yard			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$164,600.00	\$164,600.00	\$164,600.00	\$164,600.00

Order Code	Add Options	All Zones
	Factory mounting	Incl.
	PTO mounted load sense Piston Pump/PTO	Incl.
	Hopper seal brush kit	Incl.
	Remote curbside controls	Incl.
	Installation of auto cover controls	Incl.
	In-cab forward worklamp controls	Incl.
	Hopper floodlight	Incl.
	Dual LED container worklights	Incl.
	Peterson Smart light system with full body LED lights	Incl.
	Body side back assist lights	Incl.
	Three camera system for rear, hopper, and left side viewing	Incl.
	Sliding top door	Incl.
	Roof access ladder	Incl.
	Cab protector extension raise; manual jack	Incl.
	"Currotto Can" Automated Carry Can with autocover, forward worklamps, extended grabbers, and all other standard specifications	Incl.
	Unit to be capable of 3 different modes of operation- manual, auto-lift with "creep" function, and service mode	Incl.
	20 lb. fire extinguisher	Incl.
	Body undercoating	Incl.
	Front and rear mudflaps	Incl.
	Remote ground level packer lube	Incl.
	Remote ground level tailgate hinge lube	Incl.
	Cortex Controller with in-sight diagnostic display	Incl.
	High pressure filter kit	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>HEIL DURAPACK HALF/PACK AUTOMATED FRONT LOADER - 35 CUBIC YARD (Specification #22)</u>			
Carolina Environmental Systems	2016 Heil DuraPack Half/Pack Automated Front Loader - 35 Cubic Yard	★Appalachia	\$164,200.00
Carolina Environmental Systems	2016 Heil DuraPack Half/Pack Automated Front Loader - 35 Cubic Yard	★Dogwood	\$164,200.00
Carolina Environmental Systems	2016 Heil DuraPack Half/Pack Automated Front Loader - 35 Cubic Yard	★Cardinal	\$164,200.00
Carolina Environmental Systems	2016 Heil DuraPack Half/Pack Automated Front Loader - 35 Cubic Yard	★Longleaf Pine	\$164,200.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK HALF/PACK AUTOMATED FRONT LOADER - 35 CUBIC YARD SPECIFICATION #22

2016 Heil DuraPack Half/Pack Automated Front Loader - 35 Cubic Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BASE BODY

- a. Body floor 1/4" AR 400, 184,000 psi, flat floor design with interlaced subframe
- b. Body sides - 8 gauge, 80,000 psi
- c. Body roof - 8 gauge, 80,000 psi
- d. Hopper floor - 1/4" AR 400, 184,000 psi
- e. Hopper size - 12 cubic yard
- f. Packer blade - 3/16" AR 400, 184,000 psi
- g. Body width - 96"
- h. Body height 107" above chassis rail
- i. Body weight approximately 18,000 lbs.
- j. Arm cycle time, 18 - 20 seconds
- k. Pack cycle time - 26 seconds
 - l. 3 micron return line oil filter
- m. In-cab filter bypass monitor
- n. Compaction ratio, 800 - 900 lbs. per cubic yard
- o. Pack cylinders - 5.5"
- p. Arm cylinders - 4.5"
- q. Fork cylinders - 4"
- r. Hydraulic pump - 52 GPM
- s. System pressure - 2,500 psi
- t. One (1) year body warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK HALF/PACK AUTOMATED FRONT LOADER - 35 CUBIC YARD SPECIFICATION #22

2016 Heil DuraPack Half/Pack Automated Front Loader - 35 Cubic Yard

The Heil DuraPack Half/Pack Automated Front Loader - 35 Cubic Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$164,200.00	\$164,200.00	\$164,200.00	\$164,200.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	DuraPack Half/Pack Automated Front Loader - 35 Cubic Yard			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$164,200.00	\$164,200.00	\$164,200.00	\$164,200.00

Order Code	Add Options	All Zones
	Factory mounting	Incl.
	PTO mounted load sense Piston Pump/PTO	Incl.
	Hopper seal brush kit	Incl.
	Remote curbside controls	Incl.
	Installation of auto cover controls	Incl.
	In-cab forward worklamp controls	Incl.
	Hopper floodlight	Incl.
	Dual LED container worklights	Incl.
	Peterson Smart light system with full body LED lights	Incl.
	Body side back assist lights	Incl.
	Three camera system for rear, hopper, and left side viewing	Incl.
	Sliding top door	Incl.
	Roof access ladder	Incl.
	Cab protector extension raise; manual jack	Incl.
	"Currotto Can" Automated Carry Can with autocover, forward worklamps, extended grabbers, and all other standard specifications	Incl.
	Unit to be capable of 3 different modes of operation- manual, auto-lift with "creep" function, and service mode	Incl.
	20 lb. fire extinguisher	Incl.
	Body undercoating	Incl.
	Front and rear mudflaps	Incl.
	Remote ground level packer lube	Incl.
	Remote ground level tailgate hinge lube	Incl.
	Cortex Controller with in-sight diagnostic display	Incl.
	High pressure filter kit	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>HEIL DURAPACK HALF/PACK AUTOMATED FRONT LOADER - 40 CUBIC YARD (Specification #23)</u>			
Carolina Environmental Systems	2016 Heil DuraPack Half/Pack Automated Front Loader - 40 Cubic Yard	★Appalachia	\$164,700.00
Carolina Environmental Systems	2016 Heil DuraPack Half/Pack Automated Front Loader - 40 Cubic Yard	★Dogwood	\$164,700.00
Carolina Environmental Systems	2016 Heil DuraPack Half/Pack Automated Front Loader - 40 Cubic Yard	★Cardinal	\$164,700.00
Carolina Environmental Systems	2016 Heil DuraPack Half/Pack Automated Front Loader - 40 Cubic Yard	★Longleaf Pine	\$164,700.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK HALF/PACK AUTOMATED FRONT LOADER - 40 CUBIC YARD SPECIFICATION #23

2016 Heil DuraPack Half/Pack Automated Front Loader - 40 Cubic Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BASE BODY

- a. Body floor 1/4" AR 400, 184,000 psi, flat floor design with interlaced subframe
- b. Body sides - 8 gauge, 80,000 psi
- c. Body roof - 8 gauge, 80,000 psi
- d. Hopper floor - 1/4" AR 400, 184,000 psi
- e. Hopper size - 12 cubic yard
- f. Packer blade - 3/16" AR 400, 184,000 psi
- g. Body width - 96"
- h. Body height 107" above chassis rail
- i. Body weight approximately 18,000 lbs.
- j. Arm cycle time, 18 - 20 seconds
- k. Pack cycle time - 26 seconds
 - l. 3 micron return line oil filter
- m. In-cab filter bypass monitor
- n. Compaction ratio, 800 - 900 lbs. per cubic yard
- o. Pack cylinders - 5.5"
- p. Arm cylinders - 4.5"
- q. Fork cylinders - 4"
- r. Hydraulic pump - 52 GPM
- s. System pressure - 2,500 psi
- t. One (1) year body warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK HALF/PACK AUTOMATED FRONT LOADER - 40 CUBIC YARD SPECIFICATION #23

2016 Heil DuraPack Half/Pack Automated Front Loader - 40 Cubic Yard

The Heil DuraPack Half/Pack Automated Front Loader - 40 Cubic Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$164,700.00	\$164,700.00	\$164,700.00	\$164,700.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	DuraPack Half/Pack Automated Front Loader - 40 Cubic Yard			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$164,700.00	\$164,700.00	\$164,700.00	\$164,700.00

Order Code	Add Options	All Zones
	Factory mounting	Incl.
	PTO mounted load sense Piston Pump/PTO	Incl.
	Hopper seal brush kit	Incl.
	Remote curbside controls	Incl.
	Installation of auto cover controls	Incl.
	In-cab forward worklamp controls	Incl.
	Hopper floodlight	Incl.
	Dual LED container worklights	Incl.
	Peterson Smart light system with full body LED lights	Incl.
	Body side back assist lights	Incl.
	Three camera system for rear, hopper, and left side viewing	Incl.
	Sliding top door	Incl.
	Roof access ladder	Incl.
	Cab protector extension raise; manual jack	Incl.
	"Currotto Can" Automated Carry Can with autocover, forward worklamps, extended grabbers, and all other standard specifications	Incl.
	Unit to be capable of 3 different modes of operation- manual, auto-lift with "creep" function, and service mode	Incl.
	20 lb. fire extinguisher	Incl.
	Body undercoating	Incl.
	Front and rear mudflaps	Incl.
	Remote ground level packer lube	Incl.
	Remote ground level tailgate hinge lube	Incl.
	Cortex Controller with in-sight diagnostic display	Incl.
	High pressure filter kit	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>HEIL DURAPACK HALF/PACK FRONT LOADER - 35 CUBIC YARD (Specification #24)</u>			
Carolina Environmental Systems	2016 Heil DuraPack Half/Pack Front Loader - 35 Yard	★Appalachia	\$109,200.00
Carolina Environmental Systems	2016 Heil DuraPack Half/Pack Front Loader - 35 Yard	★Dogwood	\$109,200.00
Carolina Environmental Systems	2016 Heil DuraPack Half/Pack Front Loader - 35 Yard	★Cardinal	\$109,200.00
Carolina Environmental Systems	2016 Heil DuraPack Half/Pack Front Loader - 35 Yard	★Longleaf Pine	\$109,200.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK HALF/PACK FRONT LOADER - 35 CUBIC YARD **SPECIFICATION #24**

2016 Heil DuraPack Half/Pack Front Loader - 35 Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BASE BODY

- a. Body floor 1/4" AR 400, 184,000 psi, flat floor design with interlaced subframe
- b. Body sides - 8 gauge, 80,000 psi
- c. Body roof - 8 gauge, 80,000 psi
- d. Hopper floor - 1/4" AR 400, 184,000 psi
- e. Hopper size - 12 cubic yard
- f. Packer blade - 3/16" AR 400, 184,000 psi
- g. Body width - 96"
- h. Body height - 107" above chassis rail
- i. Body weight approximately 18,000 lbs.
- j. Arm cycle time, 18 - 20 seconds
- k. Pack cycle time - 26 seconds
 - l. Compaction ratio, 800 - 900 lbs. per cubic yard
- m. Pack cylinders - 5.5"
- n. Arm cylinders - 4.5"
- o. Fork cylinders - 4"
- p. Hydraulic pump 52 gpm
- q. System pressure - 2,500 psi
- r. 3 micron return line oil filter
- s. In cab filter bypass monitor
- t. One (1) year body warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK HALF/PACK FRONT LOADER - 35 CUBIC YARD SPECIFICATION #24

2016 Heil DuraPack Half/Pack Front Loader - 35 Yard

The Heil DuraPack Half/Pack Front Loader - 35 Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$109,200.00	\$109,200.00	\$109,200.00	\$109,200.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	DuraPack Half/Pack Front Loader - 35 Yard			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$109,200.00	\$109,200.00	\$109,200.00	\$109,200.00

Order Code	Add Options	All Zones
	Factory Mounting	Incl.
	Front mount Vane Pump	Incl.
	Peterson Smart light system with full body LED lights	Incl.
	Center rear strobe on lower mid-section of tailgate	Incl.
	Single camera system with rear flood lights	Incl.
	Roof access ladder	Incl.
	Hopper floodlight	Incl.
	20 lb. fire extinguisher	Incl.
	Body undercoating	Incl.
	Front and rear mudflaps	Incl.
	Shovel kit on back of packer blade	Incl.
	Remote ground level packer lube	Incl.
	Remote ground level tailgate hinge lube	Incl.
	Cortex controller with in-sight diagnostic display	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>HEIL DURAPACK HALF/PACK FRONT LOADER - 44 CUBIC YARD (Specification #25)</u>			
Carolina Environmental Systems	2016 Heil DuraPack Half/Pack Front Loader - 44 Yard	★Appalachia	\$112,400.00
Carolina Environmental Systems	2016 Heil DuraPack Half/Pack Front Loader - 44 Yard	★Dogwood	\$112,400.00
Carolina Environmental Systems	2016 Heil DuraPack Half/Pack Front Loader - 44 Yard	★Cardinal	\$112,400.00
Carolina Environmental Systems	2016 Heil DuraPack Half/Pack Front Loader - 44 Yard	★Longleaf Pine	\$112,400.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK HALF/PACK FRONT LOADER - 44 CUBIC YARD **SPECIFICATION #25**

2016 Heil DuraPack Half/Pack Front Loader - 44 Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BASE BODY

- a. Body floor 1/4" AR 400, 184,000 psi, flat floor design with interlaced subframe
- b. Body sides - 8 gauge, 80,000 psi
- c. Body roof - 8 gauge, 80,000 psi
- d. Hopper floor - 1/4" AR 400, 184,000 psi
- e. Hopper size - 12 cubic yard
- f. Packer blade - 3/16" AR 400, 184,000 psi
- g. Body width - 96"
- h. Body height - 107" above chassis rail
- i. Body weight approximately 18,000 lbs.
- j. Arm cycle time, 18 - 20 seconds
- k. Pack cycle time - 26 seconds
- l. Compaction ratio, 800 - 900 lbs. per cubic yard
- m. Pack cylinders - 5.5"
- n. Arm cylinders - 4.5"
- o. Fork cylinders - 4"
- p. Hydraulic pump 52 gpm
- q. System pressure - 2,500 psi
- r. 3 micron return line oil filter
- s. In cab filter bypass monitor
- t. One (1) year body warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK HALF/PACK FRONT LOADER - 44 CUBIC YARD SPECIFICATION #25

2016 Heil DuraPack Half/Pack Front Loader - 44 Yard

The Heil DuraPack Half/Pack Front Loader - 44 Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$112,400.00	\$112,400.00	\$112,400.00	\$112,400.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	DuraPack Half/Pack Front Loader - 44 Yard			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$112,400.00	\$112,400.00	\$112,400.00	\$112,400.00

Order Code	Add Options	All Zones
	Factory Mounting	Incl.
	Front mount Vane Pump	Incl.
	Peterson Smart light system with full body LED lights	Incl.
	Center rear strobe on lower mid-section of tailgate	Incl.
	Single camera system with rear flood lights	Incl.
	Roof access ladder	Incl.
	Hopper floodlight	Incl.
	20 lb. fire extinguisher	Incl.
	Body undercoating	Incl.
	Front and rear mudflaps	Incl.
	Shovel kit on back of packer blade	Incl.
	Remote ground level packer lube	Incl.
	Remote ground level tailgate hinge lube	Incl.
	Cortex controller with in-sight diagnostic display	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>HEIL DURAPACK HALF/PACK FRONT LOADER - 40 CUBIC YARD (Specification #26)</u>			
Carolina Environmental Systems	2016 Heil DuraPack Half/Pack Front Loader - 40 Yard	★Appalachia	\$109,700.00
Carolina Environmental Systems	2016 Heil DuraPack Half/Pack Front Loader - 40 Yard	★Dogwood	\$109,700.00
Carolina Environmental Systems	2016 Heil DuraPack Half/Pack Front Loader - 40 Yard	★Cardinal	\$109,700.00
Carolina Environmental Systems	2016 Heil DuraPack Half/Pack Front Loader - 40 Yard	★Longleaf Pine	\$109,700.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK HALF/PACK FRONT LOADER - 40 CUBIC YARD **SPECIFICATION #26**

2016 Heil DuraPack Half/Pack Front Loader - 40 Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BASE BODY

- a. Body floor 1/4" AR 400, 184,000 psi, flat floor design with interlaced subframe
- b. Body sides - 8 gauge, 80,000 psi
- c. Body roof - 8 gauge, 80,000 psi
- d. Hopper floor - 1/4" AR 400, 184,000 psi
- e. Hopper size - 12 cubic yard
- f. Packer blade - 3/16" AR 400, 184,000 psi
- g. Body width - 96"
- h. Body height - 107" above chassis rail
- i. Body weight approximately 18,000 lbs.
- j. Arm cycle time, 18 - 20 seconds
- k. Pack cycle time - 26 seconds
- l. Compaction ratio, 800 - 900 lbs. per cubic yard
- m. Pack cylinders - 5.5"
- n. Arm cylinders - 4.5"
- o. Fork cylinders - 4"
- p. Hydraulic pump 52 gpm
- q. System pressure - 2,500 psi
- r. 3 micron return line oil filter
- s. In cab filter bypass monitor
- t. One (1) year body warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK HALF/PACK FRONT LOADER - 40 CUBIC YARD SPECIFICATION #26

2016 Heil DuraPack Half/Pack Front Loader - 40 Yard

The Heil DuraPack Half/Pack Front Loader - 40 Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$109,700.00	\$109,700.00	\$109,700.00	\$109,700.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	DuraPack Half/Pack Front Loader - 40 Yard			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$109,700.00	\$109,700.00	\$109,700.00	\$109,700.00

Order Code	Add Options	All Zones
	Factory Mounting	Incl.
	Front mount Vane Pump	Incl.
	Peterson Smart light system with full body LED lights	Incl.
	Center rear strobe on lower mid-section of tailgate	Incl.
	Single camera system with rear flood lights	Incl.
	Roof access ladder	Incl.
	Hopper floodlight	Incl.
	20 lb. fire extinguisher	Incl.
	Body undercoating	Incl.
	Front and rear mudflaps	Incl.
	Shovel kit on back of packer blade	Incl.
	Remote ground level packer lube	Incl.
	Remote ground level tailgate hinge lube	Incl.
	Cortex controller with in-sight diagnostic display	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>HEIL DURAPACK MODEL 4060 SPLIT BODY REAR LOADER - 25 YARD (Specification #27)</u>			
Carolina Environmental Systems	2016 Heil DuraPack 4060 Split Body 25 Yard Rear Loader	★Appalachia	\$167,100.00
Carolina Environmental Systems	2016 Heil DuraPack 4060 Split Body 25 Yard Rear Loader	★Dogwood	\$167,100.00
Carolina Environmental Systems	2016 Heil DuraPack 4060 Split Body 25 Yard Rear Loader	★Cardinal	\$167,100.00
Carolina Environmental Systems	2016 Heil DuraPack 4060 Split Body 25 Yard Rear Loader	★Longleaf Pine	\$167,100.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK MODEL 4060 SPLIT BODY REAR LOADER - 25 YARD SPECIFICATION #27

2016 Heil DuraPack 4060 Split Body 25 Yard Rear Loader

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BASE BODY

- a. Body Floor - 7 gauge 80,000 psi; flat floor design with interlaced subframe
- b. Body sides- 8 gauge, 80,000 psi
- c. Body roof - 8 gauge, 80,000 psi
- d. Tailgate sides - 3/16" AR 400, 184,000 psi
- e. Hopper floor - 1/4" AR 400, 184,000 psi
- f. Packer blade - 7 gauge, 80,000 psi
- g. Sweep blade - 3/16" AR 400, 184,000 psi
- h. Body width - 97"
- i. Body height - 97"
- j. Hopper size - Streetside 1.1 cubic yard; curbside 1.5 cubic yard
- k. Hopper loading width - Streetside 31"; curbside 43"
- l. Loading sill height - 5" below chassis frame height
- m. Cycle time approximately 16 - 18 seconds
- n. Compaction ratio 700-800 lbs. per cubic yard
- o. Sweep cylinders - 4.5"
- p. Pack Cylinders - 4"
- q. Hydraulic pump - 50 GPM
- r. System pressure - 2,500 psi
- s. Dual 3 micron return line oil filters
- t. In-cab filter bypass monitor
- u. One (1) year body warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK MODEL 4060 SPLIT BODY REAR LOADER - 25 YARD SPECIFICATION #27

2016 Heil DuraPack 4060 Split Body 25 Yard Rear Loader

The Heil DuraPack 4060 Split Body 25 Yard Rear Loader purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$167,100.00	\$167,100.00	\$167,100.00	\$167,100.00

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	DuraPack 4060 Split Body 25 Yard Rear Loader			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$167,100.00	\$167,100.00	\$167,100.00	\$167,100.00

Order Code	Add Options	All Zones
	Factory Mounting	Incl.
	Front mount tandem Vane pump	Incl.
	Hopper worklights, 2 lights, 1 per hopper	Incl.
	Peterson Smart light system with full body LED lights	Incl.
	Dual rear buzzers	Incl.
	Street and curbside body access doors	Incl.
	Automatic tailgate latches	Incl.
	Regenerative valve for faster packer & reload times	Incl.
	1/4" hopper floor liner	Incl.
	3/16" hopper sidewall liners	Incl.
	Dual emergency stop buttons	Incl.
	Body undercoating	Incl.
	Rear vision camera system with 7" flat screen color monitor	Incl.
	Dual factory cart tipper hydraulics	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>HEIL DURAPACK PYTHON FULL EJECT AUTOMATED SIDE LOADER - 22 CUBIC YARD (Specification #28)</u>			
Carolina Environmental Systems	2016 Heil DuraPack Python Full Eject Automated Side Loader – 22 Cubic Yard	★Appalachia	\$121,300.00
Carolina Environmental Systems	2016 Heil DuraPack Python Full Eject Automated Side Loader – 22 Cubic Yard	★Dogwood	\$121,300.00
Carolina Environmental Systems	2016 Heil DuraPack Python Full Eject Automated Side Loader – 22 Cubic Yard	★Cardinal	\$121,300.00
Carolina Environmental Systems	2016 Heil DuraPack Python Full Eject Automated Side Loader – 22 Cubic Yard	★Longleaf Pine	\$121,300.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK PYTHON FULL EJECT AUTOMATED SIDE LOADER - 22 **CUBIC YARD** **SPECIFICATION #28**

2016 Heil DuraPack Python Full Eject Automated Side Loader – 22 Cubic Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BASE BODY

- a. Body floor - 3/16" AR 400, 184,000 psi; flat floor design with interlaced subframe
- b. Body sides - 8 gauge, 80,000 psi
- c. Body roof - 8 gauge, 80,000 psi
- d. Hopper floor - 1/4" AR 400, 184,000 psi
- e. Packer blade - 1/4", 184,000 psi
- f. Body width - 96"
- g. Body height - 98" above chassis rail
- h. Hopper size - 5 cubic yard
- i. Packer cycle time - 14 seconds
- j. Arm Cycle time - 8 seconds
- k. Compaction ratio - 800 - 900 lbs. per cubic yard
- l. Pack cylinders
- m. Hydraulic pump - 44 GPM total
- n. System Pressure - 2,500 psi
- o. Return line oil filter 3 micron
- p. In-cab filter bypass monitor
- q. One (1) year body warranty
- r. Two (2) year arm structural warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK PYTHON FULL EJECT AUTOMATED SIDE LOADER - 22 CUBIC YARD SPECIFICATION #28

2016 Heil DuraPack Python Full Eject Automated Side Loader – 22 Cubic Yard

The Heil DuraPack Python Full Eject Automated Side Loader – 22 Cubic Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$121,300.00	\$121,300.00	\$121,300.00	\$121,300.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	DuraPack Python Full Eject Automated Side Loader – 22 Cubic Yard			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$121,300.00	\$121,300.00	\$121,300.00	\$121,300.00

Order Code	Add Options	All Zones
	Factory mounting	Incl.
	Operate in gear at IDLE front mount tandem Vane pump	Incl.
	Belt style grabbers for 65/95 gallon carts	Incl.
	Hopper and lift worklights	Incl.
	Peterson Smart light system with full body LED lights	Incl.
	Hopper hood	Incl.
	Sump door side chutes	Incl.
	Remote ground level packer lube	Incl.
	Three camera system; rear, hopper, and left side viewing	Incl.
	Cortex controller with in-sight diagnostic display	Incl.
	Body undercoating	Incl.
	AutoLift Feature	Incl.
	Select-O-Pack	Incl.
	Rear mudflaps	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>HEIL DURAPACK PYTHON FULL EJECT AUTOMATED SIDE LOADER - 24 CUBIC YARD (Specification #29)</u>			
Carolina Environmental Systems	2016 Heil DuraPack Python Full Eject Automated Side Loader - 24 Cubic Yard	★Appalachia	\$122,200.00
Carolina Environmental Systems	2016 Heil DuraPack Python Full Eject Automated Side Loader - 24 Cubic Yard	★Dogwood	\$122,200.00
Carolina Environmental Systems	2016 Heil DuraPack Python Full Eject Automated Side Loader - 24 Cubic Yard	★Cardinal	\$122,200.00
Carolina Environmental Systems	2016 Heil DuraPack Python Full Eject Automated Side Loader - 24 Cubic Yard	★Longleaf Pine	\$122,200.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK PYTHON FULL EJECT AUTOMATED SIDE LOADER - 24 CUBIC YARD SPECIFICATION #29

2016 Heil DuraPack Python Full Eject Automated Side Loader - 24 Cubic Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BASE BODY

- a. Body floor - 3/16" AR 400, 184,000 psi; flat floor design with interlaced subframe
- b. Body sides - 8 gauge, 80,000 psi
- c. Body roof - 8 gauge, 80,000 psi
- d. Hopper floor - 1/4" AR 400, 184,000 psi
- e. Packer blade - 1/4", 184,000 psi
- f. Body width - 96"
- g. Body height - 98" above chassis rail
- h. Hopper size - 5 cubic yard
- i. Packer cycle time - 14 seconds
- j. Arm Cycle time - 8 seconds
- k. Compaction ratio - 800 - 900 lbs. per cubic yard
- l. Pack cylinders
- m. Hydraulic pump - 44 GPM total
- n. System Pressure - 2,500 psi
- o. Return line oil filter 3 micron
- p. In-cab filter bypass monitor
- q. One (1) year body warranty
- r. Two (2) year arm structural warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK PYTHON FULL EJECT AUTOMATED SIDE LOADER - 24 CUBIC YARD SPECIFICATION #29

2016 Heil DuraPack Python Full Eject Automated Side Loader - 24 Cubic Yard

The Heil DuraPack Python Full Eject Automated Side Loader - 24 Cubic Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$122,200.00	\$122,200.00	\$122,200.00	\$122,200.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	DuraPack Python Full Eject Automated Side Loader - 24 Cubic Yard			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$122,200.00	\$122,200.00	\$122,200.00	\$122,200.00

Order Code	Add Options	All Zones
	Factory mounting	Incl.
	Operate in gear at IDLE front mount tandem Vane pump	Incl.
	Belt style grabbers for 65/95 gallon carts	Incl.
	Hopper and lift worklights	Incl.
	Peterson Smart light system with full body LED lights	Incl.
	Hopper hood	Incl.
	Sump door side chutes	Incl.
	Remote ground level packer lube	Incl.
	Three camera system; rear, hopper, and left side viewing	Incl.
	Cortex controller with in-sight diagnostic display	Incl.
	Body undercoating	Incl.
	AutoLift Feature	Incl.
	Select-O-Pack	Incl.
	Rear mudflaps	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>HEIL DURAPACK PYTHON FULL EJECT AUTOMATED SIDE LOADER - 26 CUBIC YARD (Specification #30)</u>			
Carolina Environmental Systems	2016 Heil DuraPack Python Full Eject Automated Side Loader - 26 Cubic Yard	★Appalachia	\$123,800.00
Carolina Environmental Systems	2016 Heil DuraPack Python Full Eject Automated Side Loader - 26 Cubic Yard	★Dogwood	\$123,800.00
Carolina Environmental Systems	2016 Heil DuraPack Python Full Eject Automated Side Loader - 26 Cubic Yard	★Cardinal	\$123,800.00
Carolina Environmental Systems	2016 Heil DuraPack Python Full Eject Automated Side Loader - 26 Cubic Yard	★Longleaf Pine	\$123,800.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK PYTHON FULL EJECT AUTOMATED SIDE LOADER - 26 CUBIC YARD SPECIFICATION #30

2016 Heil DuraPack Python Full Eject Automated Side Loader - 26 Cubic Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BASE BODY

- a. Body floor - 3/16" AR 400, 184,000 psi; flat floor design with interlaced subframe
- b. Body sides - 8 gauge, 80,000 psi
- c. Body roof - 8 gauge, 80,000 psi
- d. Hopper floor - 1/4" AR 400, 184,000 psi
- e. Packer blade - 1/4", 184,000 psi
- f. Body width - 96"
- g. Body height - 98" above chassis rail
- h. Hopper size - 5 cubic yard
- i. Packer cycle time - 14 seconds
- j. Arm Cycle time - 8 seconds
- k. Compaction ratio - 800 - 900 lbs. per cubic yard
- l. Pack cylinders
- m. Hydraulic pump - 44 GPM total
- n. System Pressure - 2,500 psi
- o. Return line oil filter 3 micron
- p. In-cab filter bypass monitor
- q. One (1) year body warranty
- r. Two (2) year arm structural warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK PYTHON FULL EJECT AUTOMATED SIDE LOADER - 26 CUBIC YARD SPECIFICATION #30

2016 Heil DuraPack Python Full Eject Automated Side Loader - 26 Cubic Yard

The Heil DuraPack Python Full Eject Automated Side Loader - 26 Cubic Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$123,800.00	\$123,800.00	\$123,800.00	\$123,800.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	DuraPack Python Full Eject Automated Side Loader - 26 Cubic Yard			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$123,800.00	\$123,800.00	\$123,800.00	\$123,800.00

Order Code	Add Options	All Zones
	Factory mounting	Incl.
	Operate in gear at IDLE front mount tandem Vane pump	Incl.
	Belt style grabbers for 65/95 gallon carts	Incl.
	Hopper and lift worklights	Incl.
	Peterson Smart light system with full body LED lights	Incl.
	Hopper hood	Incl.
	Sump door side chutes	Incl.
	Remote ground level packer lube	Incl.
	Three camera system; rear, hopper, and left side viewing	Incl.
	Cortex controller with in-sight diagnostic display	Incl.
	Body undercoating	Incl.
	AutoLift Feature	Incl.
	Select-O-Pack	Incl.
	Rear mudflaps	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>HEIL DURAPACK PYTHON FULL EJECT AUTOMATED SIDE LOADER - 28 CUBIC YARD (Specification #31)</u>			
Carolina Environmental Systems	2016 Heil DuraPack Python Full Eject Automated Side Loader - 28 Cubic Yard	★Appalachia	\$124,600.00
Carolina Environmental Systems	2016 Heil DuraPack Python Full Eject Automated Side Loader - 28 Cubic Yard	★Dogwood	\$124,600.00
Carolina Environmental Systems	2016 Heil DuraPack Python Full Eject Automated Side Loader - 28 Cubic Yard	★Cardinal	\$124,600.00
Carolina Environmental Systems	2016 Heil DuraPack Python Full Eject Automated Side Loader - 28 Cubic Yard	★Longleaf Pine	\$124,600.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK PYTHON FULL EJECT AUTOMATED SIDE LOADER - 28 CUBIC YARD SPECIFICATION #31

2016 Heil DuraPack Python Full Eject Automated Side Loader - 28 Cubic Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BASE BODY

- a. Body floor - 3/16" AR 400, 184,000 psi; flat floor design with interlaced subframe
- b. Body sides - 8 gauge, 80,000 psi
- c. Body roof - 8 gauge, 80,000 psi
- d. Hopper floor - 1/4" AR 400, 184,000 psi
- e. Packer blade - 1/4", 184,000 psi
- f. Body width - 96"
- g. Body height - 98" above chassis rail
- h. Hopper size - 5 cubic yard
- i. Packer cycle time - 14 seconds
- j. Arm Cycle time - 8 seconds
- k. Compaction ratio - 800 - 900 lbs. per cubic yard
- l. Pack cylinders
- m. Hydraulic pump - 44 GPM total
- n. System Pressure - 2,500 psi
- o. Return line oil filter 3 micron
- p. In-cab filter bypass monitor
- q. One (1) year body warranty
- r. Two (2) year arm structural warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK PYTHON FULL EJECT AUTOMATED SIDE LOADER - 28 CUBIC YARD SPECIFICATION #31

2016 Heil DuraPack Python Full Eject Automated Side Loader - 28 Cubic Yard

The Heil DuraPack Python Full Eject Automated Side Loader - 28 Cubic Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$124,600.00	\$124,600.00	\$124,600.00	\$124,600.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	DuraPack Python Full Eject Automated Side Loader - 28 Cubic Yard			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$124,600.00	\$124,600.00	\$124,600.00	\$124,600.00

Order Code	Add Options	All Zones
	Factory mounting	Incl.
	Operate in gear at IDLE front mount tandem Vane pump	Incl.
	Belt style grabbers for 65/95 gallon carts	Incl.
	Hopper and lift worklights	Incl.
	Peterson Smart light system with full body LED lights	Incl.
	Hopper hood	Incl.
	Sump door side chutes	Incl.
	Remote ground level packer lube	Incl.
	Three camera system; rear, hopper, and left side viewing	Incl.
	Cortex controller with in-sight diagnostic display	Incl.
	Body undercoating	Incl.
	AutoLift Feature	Incl.
	Select-O-Pack	Incl.
	Rear mudflaps	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>HEIL DURAPACK PYTHON FULL EJECT AUTOMATED SIDE LOADER - 33 CUBIC YARD (Specification #32)</u>			
Carolina Environmental Systems	2016 Heil DuraPack Python Full Eject Automated Side Loader - 33 Cubic Yard	★Appalachia	\$127,100.00
Carolina Environmental Systems	2016 Heil DuraPack Python Full Eject Automated Side Loader - 33 Cubic Yard	★Dogwood	\$127,100.00
Carolina Environmental Systems	2016 Heil DuraPack Python Full Eject Automated Side Loader - 33 Cubic Yard	★Cardinal	\$127,100.00
Carolina Environmental Systems	2016 Heil DuraPack Python Full Eject Automated Side Loader - 33 Cubic Yard	★Longleaf Pine	\$127,100.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK PYTHON FULL EJECT AUTOMATED SIDE LOADER - 33 **CUBIC YARD** **SPECIFICATION #32**

2016 Heil DuraPack Python Full Eject Automated Side Loader - 33 Cubic Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BASE BODY

- a. Body floor - 3/16" AR 400, 184,000 psi; flat floor design with interlaced subframe
- b. Body sides - 8 gauge, 80,000 psi
- c. Body roof - 8 gauge, 80,000 psi
- d. Hopper floor - 1/4" AR 400, 184,000 psi
- e. Packer blade - 1/4", 184,000 psi
- f. Body width - 96"
- g. Body height - 98" above chassis rail
- h. Hopper size - 5 cubic yard
- i. Packer cycle time - 14 seconds
- j. Arm Cycle time - 8 seconds
- k. Compaction ratio - 800 - 900 lbs. per cubic yard
- l. Pack cylinders
- m. Hydraulic pump - 44 GPM total
- n. System Pressure - 2,500 psi
- o. Return line oil filter 3 micron
- p. In-cab filter bypass monitor
- q. One (1) year body warranty
- r. Two (2) year arm structural warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL DURAPACK PYTHON FULL EJECT AUTOMATED SIDE LOADER - 33 CUBIC YARD SPECIFICATION #32

2016 Heil DuraPack Python Full Eject Automated Side Loader - 33 Cubic Yard

The Heil DuraPack Python Full Eject Automated Side Loader - 33 Cubic Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$127,100.00	\$127,100.00	\$127,100.00	\$127,100.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	DuraPack Python Full Eject Automated Side Loader - 33 Cubic Yard			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$127,100.00	\$127,100.00	\$127,100.00	\$127,100.00

Order Code	Add Options	All Zones
	Factory mounting	Incl.
	Operate in gear at IDLE front mount tandem Vane pump	Incl.
	Belt style grabbers for 65/95 gallon carts	Incl.
	Hopper and lift worklights	Incl.
	Peterson Smart light system with full body LED lights	Incl.
	Hopper hood	Incl.
	Sump door side chutes	Incl.
	Remote ground level packer lube	Incl.
	Three camera system; rear, hopper, and left side viewing	Incl.
	Cortex controller with in-sight diagnostic display	Incl.
	Body undercoating	Incl.
	AutoLift Feature	Incl.
	Select-O-Pack	Incl.
	Rear mudflaps	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>HEIL MINI REAR LOADER - 9 CUBIC YARD (Specification #33)</u>			
Carolina Environmental Systems	2016 Heil Mini Rear Loader - 9 Cubic Yard	★Appalachia	\$49,900.00
Carolina Environmental Systems	2016 Heil Mini Rear Loader - 9 Cubic Yard	★Dogwood	\$49,900.00
Carolina Environmental Systems	2016 Heil Mini Rear Loader - 9 Cubic Yard	★Cardinal	\$49,900.00
Carolina Environmental Systems	2016 Heil Mini Rear Loader - 9 Cubic Yard	★Longleaf Pine	\$49,900.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL MINI REAR LOADER - 9 CUBIC YARD **SPECIFICATION #33**

2016 Heil Mini Rear Loader - 9 Cubic Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BASE BODY

- a. Body Floor, Sidewalls, Roof - 10 Gauge, 80,000 psi
- b. Flat Floor Body Design
- c. Tailgate Sides - 10 Gauge, 80,000 psi
- d. Body Width - 82"
- e. Body Height - 73"
- f. Body Weight - 7,000 - 8,000 lbs.
- g. Hopper Size 1.5 - 2.0 Cubic Yards
- h. Hydraulic Pump 22 gpm
- i. System Pressure 2,500 psi
- j. Return Line Oil Filter, 10 Micron
- k. Cycle Time - 18 Seconds
- l. Compaction Ratio - 900 - 1,000 lbs per Cubic Yard
- m. Sweep Cylinders - 4.5"
- n. Pack Cylinders - 4.0"
- o. Tailgate Opening Width 66"
- p. Load Sill Height Even with Truck Frame
- q. One (1) Year Body Warranty
- r. Hopper floor 1/4" AR400, 184,000psi
- s. Packer and Sweep blade face 3/16", 80,000psi



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL MINI REAR LOADER - 9 CUBIC YARD SPECIFICATION #33

2016 Heil Mini Rear Loader - 9 Cubic Yard

The Heil Mini Rear Loader - 9 Cubic Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$49,900.00	\$49,900.00	\$49,900.00	\$49,900.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Mini Rear Loader - 9 Cubic Yard			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$49,900.00	\$49,900.00	\$49,900.00	\$49,900.00

Order Code	Add Options	All Zones
	Body Mounting	Incl.
	Direct Mount Gear Pump with PTO an Overspeed Contol	Incl.
	LED Body Lights	Incl.
	Hopper Worklight	Incl.
	Peterson Smart Light System with Full Body LED Lights	Incl.
	Automatic Tailgate Locks/Latch	Incl.
	Rear Vision Camera System with 7" Flat Screen Color Monitor	Incl.
	Factory Single Cart Tipper Hydraulics Package	Incl.
	Incoming Freight and Service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>HEIL MINI REAR LOADER - 11 CUBIC YARD (Specification #34)</u>			
Carolina Environmental Systems	2016 Heil 2016 Mini Rear Loader - 11 Cubic Yard	★Appalachia	\$51,800.00
Carolina Environmental Systems	2016 Heil 2016 Mini Rear Loader - 11 Cubic Yard	★Dogwood	\$51,800.00
Carolina Environmental Systems	2016 Heil 2016 Mini Rear Loader - 11 Cubic Yard	★Cardinal	\$51,800.00
Carolina Environmental Systems	2016 Heil 2016 Mini Rear Loader - 11 Cubic Yard	★Longleaf Pine	\$51,800.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL MINI REAR LOADER - 11 CUBIC YARD **SPECIFICATION #34**

2016 Heil 2016 Mini Rear Loader - 11 Cubic Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BASE BODY

- a. Body Floor, Sidewalls, Roof - 10 Gauge, 80,000 psi
- b. Flat Floor Body Design
- c. Tailgate Sides - 10 Gauge, 80,000 psi
- d. Body Width - 82"
- e. Body Height - 73"
- f. Body Weight - 7,000 - 8,000 lbs.
- g. Hopper Size 1.5 - 2.0 Cubic Yards
- h. Hydraulic Pump 22 gpm
- i. System Pressure 2,500 psi
- j. Return Line Oil Filter, 10 Micron
- k. Cycle Time - 18 Seconds
- l. Compaction Ratio - 900 - 1,000 lbs per Cubic Yard
- m. Sweep Cylinders - 4.5"
- n. Pack Cylinders - 4.0"
- o. Tailgate Opening Width 66"
- p. Load Sill Height Even with Truck Frame
- q. One (1) Year Body Warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL MINI REAR LOADER - 11 CUBIC YARD SPECIFICATION #34

2016 Heil 2016 Mini Rear Loader - 11 Cubic Yard

The Heil 2016 Mini Rear Loader - 11 Cubic Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$51,800.00	\$51,800.00	\$51,800.00	\$51,800.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	2016 Mini Rear Loader - 11 Cubic Yard			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$51,800.00	\$51,800.00	\$51,800.00	\$51,800.00

Order Code	Add Options	All Zones
	Body Mounting	Incl.
	Direct Mount Gear Pump with PTO an Overspeed Contol	Incl.
	LED Body Lights	Incl.
	Hopper Worklight	Incl.
	Peterson Smart Light System with Full Body LED Lights	Incl.
	Automatic Tailgate Locks/Latch	Incl.
	Rear Vision Camera System with 7" Flat Screen Color Monitor	Incl.
	Factory Single Cart Tipper Hydraulics Package	Incl.
	Incoming Freight and Service	Incl.
	Hopper floor 1/4" AR400, 184,000psi	Incl.
	Packer and Sweep blade face 3/16", 80,000psi	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>HEIL MINI REAR LOADER - 13 CUBIC YARD (Specification #35)</u>			
Carolina Environmental Systems	2016 Heil Mini Rear Loader - 13 Cubic Yard	★Appalachia	\$53,300.00
Carolina Environmental Systems	2016 Heil Mini Rear Loader - 13 Cubic Yard	★Dogwood	\$53,300.00
Carolina Environmental Systems	2016 Heil Mini Rear Loader - 13 Cubic Yard	★Cardinal	\$53,300.00
Carolina Environmental Systems	2016 Heil Mini Rear Loader - 13 Cubic Yard	★Longleaf Pine	\$53,300.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL MINI REAR LOADER - 13 CUBIC YARD **SPECIFICATION #35**

2016 Heil Mini Rear Loader - 13 Cubic Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BASE BODY

- a. Body Floor, Sidewalls, Roof - 10 Gauge, 80,000 psi
- b. Flat Floor Body Design
- c. Tailgate Sides - 10 Gauge, 80,000 psi
- d. Body Width - 82"
- e. Body Height - 73"
- f. Body Weight - 7,000 - 8,000 lbs.
- g. Hopper Size 1.5 - 2.0 Cubic Yards
- h. Hydraulic Pump 22 gpm
- i. System Pressure 2,500 psi
- j. Return Line Oil Filter, 10 Micron
- k. Cycle Time - 18 Seconds
- l. Compaction Ratio - 900 - 1,000 lbs per Cubic Yard
- m. Sweep Cylinders - 4.5"
- n. Pack Cylinders - 4.0"
- o. Tailgate Opening Width 66"
- p. Load Sill Height Even with Truck Frame
- q. One (1) Year Body Warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL MINI REAR LOADER - 13 CUBIC YARD SPECIFICATION #35

2016 Heil Mini Rear Loader - 13 Cubic Yard

The Heil Mini Rear Loader - 13 Cubic Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$53,300.00	\$53,300.00	\$53,300.00	\$53,300.00

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Mini Rear Loader - 13 Cubic Yard			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$53,300.00	\$53,300.00	\$53,300.00	\$53,300.00

Order Code	Add Options	All Zones
	Body Mounting	Incl.
	Direct Mount Gear Pump with PTO an Overspeed Contol	Incl.
	LED Body Lights	Incl.
	Hopper Worklight	Incl.
	Peterson Smart Light System with Full Body LED Lights	Incl.
	Automatic Tailgate Locks/Latch	Incl.
	Rear Vision Camera System with 7" Flat Screen Color Monitor	Incl.
	Factory Single Cart Tipper Hydraulics Package	Incl.
	Incoming Freight and Service	Incl.
	Hopper floor 1/4" AR400, 184,000 psi	Incl.
	Packer and Sweep blade face 3/16", 80,000psi	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>HEIL PT 1000 REAR LOADER - 13 CUBIC YARD (Specification #36)</u>			
Carolina Environmental Systems	2016 Heil PT 1000 Rear Loader - 13 Cubic Yard	★Appalachia	\$59,950.00
Carolina Environmental Systems	2016 Heil PT 1000 Rear Loader - 13 Cubic Yard	★Dogwood	\$59,950.00
Carolina Environmental Systems	2016 Heil PT 1000 Rear Loader - 13 Cubic Yard	★Cardinal	\$59,950.00
Carolina Environmental Systems	2016 Heil PT 1000 Rear Loader - 13 Cubic Yard	★Longleaf Pine	\$59,950.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL PT 1000 REAR LOADER - 13 CUBIC YARD **SPECIFICATION #36**

2016 Heil PT 1000 Rear Loader - 13 Cubic Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BASE BODY

- a. Body Floor - 10 Gauge 50,000 psi; Flat Floor Design with Interlaced Subframe
- b. Body Sides - 10 Gauge, 50,000 psi
- c. Body Roof - 8 Gauge, 50,000 psi
- d. Tailgate Sides - 10 Gauge, 50,000 psi
- e. Hopper Floor - 3/16" AR 400, 184,000 psi
- f. Packer Blade - 3/16", 150,000 psi
- g. Body Width - 96"
- h. Body Height - 93"
- i. Body Weight - 10,000 to 12,300
- j. Hopper Size - 3 Cubic Yard
- k. Hopper Loading Width - 80"
 - l. Load Sill Height - Even to 3.5" Below Chassis Frame Height
- m. Cycle Time Approximately 16 - 18 Seconds
- n. Compaction Ratio 800-900 lbs per Cubic Yard
- o. Sweep Cylinders 4.5"
- p. Pack Cylinders - 4.0"
- q. Hydraulic Pump - 48 GPM
- r. System Pressure - 2,750 psi
- s. 3 Micron Return Line Oil Filter
- t. In-cab Filter Bypass Monitor
- u. One (1) Year Body Warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL PT 1000 REAR LOADER - 13 CUBIC YARD SPECIFICATION #36

2016 Heil PT 1000 Rear Loader - 13 Cubic Yard

The Heil PT 1000 Rear Loader - 13 Cubic Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$59,950.00	\$59,950.00	\$59,950.00	\$59,950.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	PT 1000 Rear Loader - 13 Cubic Yard			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$59,950.00	\$59,950.00	\$59,950.00	\$59,950.00

Order Code	Add Options	All Zones
	Factory Mounting	Incl.
	Direct Mount Gear Pump	Incl.
	Hot Shift PTO with Overspeed Protection	Incl.
	Hopper Worklight	Incl.
	Peterson Smart Light System with Full Body LED Lights	Incl.
	Dual Rear Buzzers	Incl.
	Streetside Body Access Door	Incl.
	Regenerative Valve for Faster Packer and Reload Times	Incl.
	Body Undercoating	Incl.
	Rear Vision Camera System with 7" Flat Screen Color Monitor	Incl.
	Dual Factory Cart Tipper Hydraulics	Incl.
	Incoming Freight and Service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>HEIL PT 1000 REAR LOADER - 16 CUBIC YARD (Specification #37)</u>			
Carolina Environmental Systems	2016 Heil PT 1000 Rear Loader - 16 Cubic Yard	★Appalachia	\$61,350.00
Carolina Environmental Systems	2016 Heil PT 1000 Rear Loader - 16 Cubic Yard	★Dogwood	\$61,350.00
Carolina Environmental Systems	2016 Heil PT 1000 Rear Loader - 16 Cubic Yard	★Cardinal	\$61,350.00
Carolina Environmental Systems	2016 Heil PT 1000 Rear Loader - 16 Cubic Yard	★Longleaf Pine	\$61,350.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL PT 1000 REAR LOADER - 16 CUBIC YARD **SPECIFICATION #37**

2016 Heil PT 1000 Rear Loader - 16 Cubic Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BASE BODY

- a. Body Floor - 10 Gauge 50,000 psi; Flat Floor Design with Interlaced Subframe
- b. Body Sides - 10 Gauge, 50,000 psi
- c. Body Roof - 8 Gauge, 50,000 psi
- d. Tailgate Sides - 10 Gauge, 50,000 psi
- e. Hopper Floor - 3/16" AR 400, 184,000 psi
- f. Packer Blade - 3/16", 150,000 psi
- g. Body Width - 96"
- h. Body Height - 93"
- i. Body Weight - 10,000 to 12,300
- j. Hopper Size - 3 Cubic Yard
- k. Hopper Loading Width - 80"
 - l. Load Sill Height - Even to 3.5" Below Chassis Frame Height
- m. Cycle Time Approximately 16 - 18 Seconds
- n. Compaction Ratio 800-900 lbs per Cubic Yard
- o. Sweep Cylinders 4.5"
- p. Pack Cylinders - 4.0"
- q. Hydraulic Pump - 48 GPM
- r. System Pressure - 2,750 psi
- s. 3 Micron Return Line Oil Filter
- t. In-cab Filter Bypass Monitor
- u. One (1) Year Body Warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL PT 1000 REAR LOADER - 16 CUBIC YARD SPECIFICATION #37

2016 Heil PT 1000 Rear Loader - 16 Cubic Yard

The Heil PT 1000 Rear Loader - 16 Cubic Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$61,350.00	\$61,350.00	\$61,350.00	\$61,350.00

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	PT 1000 Rear Loader - 16 Cubic Yard			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$61,350.00	\$61,350.00	\$61,350.00	\$61,350.00

Order Code	Add Options	All Zones
	Factory Mounting	Incl.
	Direct Mount Gear Pump	Incl.
	Hot Shift PTO with Overspeed Protection	Incl.
	Hopper Worklight	Incl.
	Peterson Smart Light System with Full Body LED Lights	Incl.
	Dual Rear Buzzers	Incl.
	Streetside Body Access Door	Incl.
	Regenerative Valve for Faster Packer and Reload Times	Incl.
	Body Undercoating	Incl.
	Rear Vision Camera System with 7" Flat Screen Color Monitor	Incl.
	Dual Factory Cart Tipper Hydraulics	Incl.
	Incoming Freight and Service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>HEIL PT 1000 REAR LOADER - 18 CUBIC YARD (Specification #38)</u>			
Carolina Environmental Systems	2016 Heil PT 1000 Rear Loader - 18 Cubic Yard	★Appalachia	\$62,500.00
Carolina Environmental Systems	2016 Heil PT 1000 Rear Loader - 18 Cubic Yard	★Dogwood	\$62,500.00
Carolina Environmental Systems	2016 Heil PT 1000 Rear Loader - 18 Cubic Yard	★Cardinal	\$62,500.00
Carolina Environmental Systems	2016 Heil PT 1000 Rear Loader - 18 Cubic Yard	★Longleaf Pine	\$62,500.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL PT 1000 REAR LOADER - 18 CUBIC YARD **SPECIFICATION #38**

2016 Heil PT 1000 Rear Loader - 18 Cubic Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BASE BODY

- a. Body Floor - 10 Gauge 50,000 psi; Flat Floor Design with Interlaced Subframe
- b. Body Sides - 10 Gauge, 50,000 psi
- c. Body Roof - 8 Gauge, 50,000 psi
- d. Tailgate Sides - 10 Gauge, 50,000 psi
- e. Hopper Floor - 3/16" AR 400, 184,000 psi
- f. Packer Blade - 3/16", 150,000 psi
- g. Body Width - 96"
- h. Body Height - 93"
- i. Body Weight - 10,000 to 12,300
- j. Hopper Size - 3 Cubic Yard
- k. Hopper Loading Width - 80"
 - l. Load Sill Height - Even to 3.5" Below Chassis Frame Height
- m. Cycle Time Approximately 16 - 18 Seconds
- n. Compaction Ratio 800-900 lbs per Cubic Yard
- o. Sweep Cylinders 4.5"
- p. Pack Cylinders - 4.0"
- q. Hydraulic Pump - 48 GPM
- r. System Pressure - 2,750 psi
- s. 3 Micron Return Line Oil Filter
- t. In-cab Filter Bypass Monitor
- u. One (1) Year Body Warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL PT 1000 REAR LOADER - 18 CUBIC YARD SPECIFICATION #38

2016 Heil PT 1000 Rear Loader - 18 Cubic Yard

The Heil PT 1000 Rear Loader - 18 Cubic Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$62,500.00	\$62,500.00	\$62,500.00	\$62,500.00

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	PT 1000 Rear Loader - 18 Cubic Yard			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$62,500.00	\$62,500.00	\$62,500.00	\$62,500.00

Order Code	Add Options	All Zones
	Factory Mounting	Incl.
	Direct Mount Gear Pump	Incl.
	Hot Shift PTO with Overspeed Protection	Incl.
	Hopper Worklight	Incl.
	Peterson Smart Light System with Full Body LED Lights	Incl.
	Dual Rear Buzzers	Incl.
	Streetside Body Access Door	Incl.
	Regenerative Valve for Faster Packer and Reload Times	Incl.
	Body Undercoating	Incl.
	Rear Vision Camera System with 7" Flat Screen Color Monitor	Incl.
	Dual Factory Cart Tipper Hydraulics	Incl.
	Incoming Freight and Service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>HEIL PT 1000 REAR LOADER - 20 CUBIC YARD (Specification #39)</u>			
Carolina Environmental Systems	2016 Heil PT 1000 Rear Loader - 20 Cubic Yard	★Appalachia	\$63,850.00
Carolina Environmental Systems	2016 Heil PT 1000 Rear Loader - 20 Cubic Yard	★Dogwood	\$63,850.00
Carolina Environmental Systems	2016 Heil PT 1000 Rear Loader - 20 Cubic Yard	★Cardinal	\$63,850.00
Carolina Environmental Systems	2016 Heil PT 1000 Rear Loader - 20 Cubic Yard	★Longleaf Pine	\$63,850.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL PT 1000 REAR LOADER - 20 CUBIC YARD **SPECIFICATION #39**

2016 Heil PT 1000 Rear Loader - 20 Cubic Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BASE BODY

- a. Body Floor - 10 Gauge 50,000 psi; Flat Floor Design with Interlaced Subframe
- b. Body Sides - 10 Gauge, 50,000 psi
- c. Body Roof - 8 Gauge, 50,000 psi
- d. Tailgate Sides - 10 Gauge, 50,000 psi
- e. Hopper Floor - 3/16" AR 400, 184,000 psi
- f. Packer Blade - 3/16", 150,000 psi
- g. Body Width - 96"
- h. Body Height - 93"
- i. Body Weight - 10,000 to 12,300
- j. Hopper Size - 3 Cubic Yard
- k. Hopper Loading Width - 80"
 - l. Load Sill Height - Even to 3.5" Below Chassis Frame Height
- m. Cycle Time Approximately 16 - 18 Seconds
- n. Compaction Ratio 800-900 lbs per Cubic Yard
- o. Sweep Cylinders 4.5"
- p. Pack Cylinders - 4.0"
- q. Hydraulic Pump - 48 GPM
- r. System Pressure - 2,750 psi
- s. 3 Micron Return Line Oil Filter
- t. In-cab Filter Bypass Monitor
- u. One (1) Year Body Warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL PT 1000 REAR LOADER - 20 CUBIC YARD SPECIFICATION #39

2016 Heil PT 1000 Rear Loader - 20 Cubic Yard

The Heil PT 1000 Rear Loader - 20 Cubic Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$63,850.00	\$63,850.00	\$63,850.00	\$63,850.00

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	PT 1000 Rear Loader - 20 Cubic Yard			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$63,850.00	\$63,850.00	\$63,850.00	\$63,850.00

Order Code	Add Options	All Zones
	Factory Mounting	Incl.
	Direct Mount Gear Pump	Incl.
	Hot Shift PTO with Overspeed Protection	Incl.
	Hopper Worklight	Incl.
	Peterson Smart Light System with Full Body LED Lights	Incl.
	Dual Rear Buzzers	Incl.
	Streetside Body Access Door	Incl.
	Regenerative Valve for Faster Packer and Reload Times	Incl.
	Body Undercoating	Incl.
	Rear Vision Camera System with 7" Flat Screen Color Monitor	Incl.
	Dual Factory Cart Tipper Hydraulics	Incl.
	Incoming Freight and Service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>HEIL PT 1000 REAR LOADER - 25 CUBIC YARD (Specification #40)</u>			
Carolina Environmental Systems	2016 Heil PT 1000 Rear Loader - 25 Cubic Yard	★Appalachia	\$66,400.00
Carolina Environmental Systems	2016 Heil PT 1000 Rear Loader - 25 Cubic Yard	★Dogwood	\$66,400.00
Carolina Environmental Systems	2016 Heil PT 1000 Rear Loader - 25 Cubic Yard	★Cardinal	\$66,400.00
Carolina Environmental Systems	2016 Heil PT 1000 Rear Loader - 25 Cubic Yard	★Longleaf Pine	\$66,400.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL PT 1000 REAR LOADER - 25 CUBIC YARD **SPECIFICATION #40**

2016 Heil PT 1000 Rear Loader - 25 Cubic Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BASE BODY

- a. Body Floor - 10 Gauge 50,000 psi; Flat Floor Design with Interlaced Subframe
- b. Body Sides - 10 Gauge, 50,000 psi
- c. Body Roof - 8 Gauge, 50,000 psi
- d. Tailgate Sides - 10 Gauge, 50,000 psi
- e. Hopper Floor - 3/16" AR 400, 184,000 psi
- f. Packer Blade - 3/16", 150,000 psi
- g. Body Width - 96"
- h. Body Height - 93"
- i. Body Weight - 10,000 to 12,300
- j. Hopper Size - 3 Cubic Yard
- k. Hopper Loading Width - 80"
 - l. Load Sill Height - Even to 3.5" Below Chassis Frame Height
- m. Cycle Time Approximately 16 - 18 Seconds
- n. Compaction Ratio 800-900 lbs per Cubic Yard
- o. Sweep Cylinders 4.5"
- p. Pack Cylinders - 4.0"
- q. Hydraulic Pump - 48 GPM
- r. System Pressure - 2,750 psi
- s. 3 Micron Return Line Oil Filter
- t. In-cab Filter Bypass Monitor
- u. One (1) Year Body Warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

HEIL PT 1000 REAR LOADER - 25 CUBIC YARD SPECIFICATION #40

2016 Heil PT 1000 Rear Loader - 25 Cubic Yard

The Heil PT 1000 Rear Loader - 25 Cubic Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$66,400.00	\$66,400.00	\$66,400.00	\$66,400.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	PT 1000 Rear Loader - 25 Cubic Yard			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$66,400.00	\$66,400.00	\$66,400.00	\$66,400.00

Order Code	Add Options	All Zones
	Factory Mounting	Incl.
	Direct Mount Gear Pump	Incl.
	Hot Shift PTO with Overspeed Protection	Incl.
	Hopper Worklight	Incl.
	Peterson Smart Light System with Full Body LED Lights	Incl.
	Dual Rear Buzzers	Incl.
	Streetside Body Access Door	Incl.
	Regenerative Valve for Faster Packer and Reload Times	Incl.
	Body Undercoating	Incl.
	Rear Vision Camera System with 7" Flat Screen Color Monitor	Incl.
	Dual Factory Cart Tipper Hydraulics	Incl.
	Incoming Freight and Service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>HOL-MAC "PACMAC" KNUCKLEBOOM KP20 LOADER WITH TKB 18FT., 24 CUBIC YARD BODY (Specification #41)</u>			
Carolina Environmental Systems	2016 Hol-Mac "PacMac" Knuckleboom KP20 Loader with TKB 18ft., 24 Cubic Yard Body	★Appalachia	\$53,200.00
Carolina Environmental Systems	2016 Hol-Mac "PacMac" Knuckleboom KP20 Loader with TKB 18ft., 24 Cubic Yard Body	★Dogwood	\$53,200.00
Carolina Environmental Systems	2016 Hol-Mac "PacMac" Knuckleboom KP20 Loader with TKB 18ft., 24 Cubic Yard Body	★Cardinal	\$53,200.00
Carolina Environmental Systems	2016 Hol-Mac "PacMac" Knuckleboom KP20 Loader with TKB 18ft., 24 Cubic Yard Body	★Longleaf Pine	\$53,200.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

HOL-MAC "PACMAC" KNUCKLEBOOM KP20 LOADER WITH TKB 18FT., 24 CUBIC YARD BODY SPECIFICATION #41

2016 Hol-Mac "PacMac" Knuckleboom KP20 Loader with TKB 18ft., 24 Cubic Yard Body

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BASE BODY

- a. KB Loader 16' to 20' reach
- b. 270 degree boom rotation
- c. 48" x 60" grapple with replaceable cutting edges
- d. 360 degree continuous rotation on grapple
- e. 25 3/4" x 3 1/2" steel slewing ring
- f. Internal load holder valves on all boom cylinders
- g. Grapple color Red
- h. H style outriggers
- i. Standard lever controls behind cab
- j. Stand up controls
- k. 42" front sides tapered up to 60"
 - l. Dual barn doors, double wall doorposts
- m. Tandem pump for dual functions
- n. Walk through cat walk behind cab
- o. Folding ICC bumper
- p. Hydraulic brake on boom rotator
- q. Cylinders: Main boom 5" x 2.5" x 30.75", secondary boom 5" x 2.5" x 30.25", JIB extended 2.5" x 1.75" x 48", grapple (two) 3" x 1.25" x 10"
- r. Loader body TKB 18/24
- s. 18' long - 24 cubic yards
- t. 42" front sides tapered up to 60"
 - u. Dual barn doors, double wall doorposts
 - v. Folding ICC bumper
 - w. Standard color - black
 - x. Cab roof strobe light
 - y. Dual outboard lift cylinders



NORTH CAROLINA SHERIFFS' ASSOCIATION

HOL-MAC "PACMAC" KNUCKLEBOOM KP20 LOADER WITH TKB 18FT., 24 CUBIC YARD BODY SPECIFICATION #41

2016 Hol-Mac "PacMac" Knuckleboom KP20 Loader with TKB 18ft., 24 Cubic Yard Body

The Hol-Mac "PacMac" Knuckleboom KP20 Loader with TKB 18ft., 24 Cubic Yard Body purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$53,200.00	\$53,200.00	\$53,200.00	\$53,200.00

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	"PacMac" Knuckleboom KP20 Loader with TKB 18ft., 24 Cubic Yard Body			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$53,200.00	\$53,200.00	\$53,200.00	\$53,200.00

Order Code	Add Options	All Zones
	Factory Mounting	Incl.
	Direct mount gear pump with PTO and overspeed control	Incl.
	LED body lights	Incl.
	Amber LED flashing lights in upper rear door posts	Incl.
	Boom over height alarm and light	Incl.
	Heat shield under RH cat walk	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>HOL-MAC "PAC MAC" MINI REAR LOADER - 6 CUBIC YARD (Specification #42)</u>			
Carolina Environmental Systems	2016 Hol-Mac Pac Mac Mini Rear Loader - 6 Cubic Yard	★Appalachia	\$46,200.00
Carolina Environmental Systems	2016 Hol-Mac Pac Mac Mini Rear Loader - 6 Cubic Yard	★Dogwood	\$46,200.00
Carolina Environmental Systems	2016 Hol-Mac Pac Mac Mini Rear Loader - 6 Cubic Yard	★Cardinal	\$46,200.00
Carolina Environmental Systems	2016 Hol-Mac Pac Mac Mini Rear Loader - 6 Cubic Yard	★Longleaf Pine	\$46,200.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

HOL-MAC "PAC MAC" MINI REAR LOADER - 6 CUBIC YARD **SPECIFICATION #42**

2016 Hol-Mac Pac Mac Mini Rear Loader - 6 Cubic Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BASE BODY

- a. White body color/urethane enamel
- b. 1.0 cubic yard hopper
- c. Flat floor (No trough)
- d. Body floor - 7 gauge, 50,000 psi
- e. Body sidewalls - 7 gauge, 50,000 psi
- f. Body roof - 7 gauge, 50,000 psi
- g. Hopper floor - 3/16" T-1, 100,000 psi
- h. Packer face - 3/16" T-1, 100,000 psi
- i. Slide panel - 3/16" T-1, 100,000 psi
- j. Loading height below chassis frame 1.25"
- k. Cycle time - 16 seconds complete
- l. Inside hopper width 66.3"
- m. Compaction ratio - 750 - 850 lbs. per cubic yard
- n. Sweep cylinder - 3 1/2"
- o. Pack cylinder - 3 1/2"
- p. 10 micron filtration and 30 gallon reservoir; exterior mounted
- q. Side access door



NORTH CAROLINA SHERIFFS' ASSOCIATION

HOL-MAC "PAC MAC" MINI REAR LOADER - 6 CUBIC YARD SPECIFICATION #42

2016 Hol-Mac Pac Mac Mini Rear Loader - 6 Cubic Yard

The Hol-Mac Pac Mac Mini Rear Loader - 6 Cubic Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$46,200.00	\$46,200.00	\$46,200.00	\$46,200.00

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VEHICLE:	Pac Mac Mini Rear Loader - 6 Cubic Yard			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$46,200.00	\$46,200.00	\$46,200.00	\$46,200.00

Order Code	Add Options	All Zones
	Body Mounting	Incl.
	Direct mount gear pump with PTO and overspeed control	Incl.
	LED body lights	Incl.
	Peterson Smart light system with full body LED lights	Incl.
	Hopper work light	Incl.
	Automatic tailgate locks/latch	Incl.
	Rear vision camera system with 7" flat screen color monitor	Incl.
	Factory single cart tipper hydraulics	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>HOL-MAC "PAC MAC" MINI REAR LOADER - 8 CUBIC YARD (Specification #43)</u>			
Carolina Environmental Systems	2016 Hol-Mac Pac Mac Mini Rear Loader - 8 Cubic Yard	★Appalachia	\$47,200.00
Carolina Environmental Systems	2016 Hol-Mac Pac Mac Mini Rear Loader - 8 Cubic Yard	★Dogwood	\$47,200.00
Carolina Environmental Systems	2016 Hol-Mac Pac Mac Mini Rear Loader - 8 Cubic Yard	★Cardinal	\$47,200.00
Carolina Environmental Systems	2016 Hol-Mac Pac Mac Mini Rear Loader - 8 Cubic Yard	★Longleaf Pine	\$47,200.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

HOL-MAC "PAC MAC" MINI REAR LOADER - 8 CUBIC YARD **SPECIFICATION #43**

2016 Hol-Mac Pac Mac Mini Rear Loader - 8 Cubic Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BASE BODY

- a. White body color/urethane enamel
- b. 1.0 cubic yard hopper
- c. Flat floor (No trough)
- d. Body floor - 7 gauge, 50,000 psi
- e. Body sidewalls - 7 gauge, 50,000 psi
- f. Body roof - 7 gauge, 50,000 psi
- g. Hopper floor - 3/16" T-1, 100,000 psi
- h. Packer face - 3/16" T-1, 100,000 psi
- i. Slide panel - 3/16" T-1, 100,000 psi
- j. Loading height below chassis frame 1.25"
- k. Cycle time - 16 seconds complete
- l. Inside hopper width 66.3"
- m. Compaction ratio - 750 - 850 lbs. per cubic yard
- n. Sweep cylinder - 3 1/2"
- o. Pack cylinder - 3 1/2"
- p. 10 micron filtration and 30 gallon reservoir; exterior mounted
- q. Side access door



NORTH CAROLINA SHERIFFS' ASSOCIATION

HOL-MAC "PAC MAC" MINI REAR LOADER - 8 CUBIC YARD SPECIFICATION #43

2016 Hol-Mac Pac Mac Mini Rear Loader - 8 Cubic Yard

The Hol-Mac Pac Mac Mini Rear Loader - 8 Cubic Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$47,200.00	\$47,200.00	\$47,200.00	\$47,200.00

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VEHICLE:	Pac Mac Mini Rear Loader - 8 Cubic Yard			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$47,200.00	\$47,200.00	\$47,200.00	\$47,200.00

Order Code	Add Options	All Zones
	Body Mounting	Incl.
	Direct mount gear pump with PTO and overspeed control	Incl.
	LED body lights	Incl.
	Peterson Smart light system with full body LED lights	Incl.
	Hopper work light	Incl.
	Automatic tailgate locks/latch	Incl.
	Rear vision camera system with 7" flat screen color monitor	Incl.
	Factory single cart tipper hydraulics	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>HOL-MAC "PAC MAC" MINI REAR LOADER - 10 CUBIC YARD (Specification #44)</u>			
Carolina Environmental Systems	2016 Hol-Mac Pac Mac Mini Rear Loader - 10 Cubic Yard	★Appalachia	\$48,500.00
Carolina Environmental Systems	2016 Hol-Mac Pac Mac Mini Rear Loader - 10 Cubic Yard	★Dogwood	\$48,500.00
Carolina Environmental Systems	2016 Hol-Mac Pac Mac Mini Rear Loader - 10 Cubic Yard	★Cardinal	\$48,500.00
Carolina Environmental Systems	2016 Hol-Mac Pac Mac Mini Rear Loader - 10 Cubic Yard	★Longleaf Pine	\$48,500.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

HOL-MAC "PAC MAC" MINI REAR LOADER - 10 CUBIC YARD **SPECIFICATION #44**

2016 Hol-Mac Pac Mac Mini Rear Loader - 10 Cubic Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BASE BODY

- a. White body color/urethane enamel
- b. 1.0 cubic yard hopper
- c. Flat floor (No trough)
- d. Body floor - 7 gauge, 50,000 psi
- e. Body sidewalls - 7 gauge, 50,000 psi
- f. Body roof - 7 gauge, 50,000 psi
- g. Hopper floor - 3/16" T-1, 100,000 psi
- h. Packer face - 3/16" T-1, 100,000 psi
- i. Slide panel - 3/16" T-1, 100,000 psi
- j. Loading height below chassis frame 1.25"
- k. Cycle time - 16 seconds complete
- l. Inside hopper width 66.3"
- m. Compaction ratio - 750 - 850 lbs. per cubic yard
- n. Sweep cylinder - 3 1/2"
- o. Pack cylinder - 3 1/2"
- p. 10 micron filtration and 30 gallon reservoir; exterior mounted
- q. Side access door



NORTH CAROLINA SHERIFFS' ASSOCIATION

HOL-MAC "PAC MAC" MINI REAR LOADER - 10 CUBIC YARD SPECIFICATION #44

2016 Hol-Mac Pac Mac Mini Rear Loader - 10 Cubic Yard

The Hol-Mac Pac Mac Mini Rear Loader - 10 Cubic Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$48,500.00	\$48,500.00	\$48,500.00	\$48,500.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

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VEHICLE:	Pac Mac Mini Rear Loader - 10 Cubic Yard			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$48,500.00	\$48,500.00	\$48,500.00	\$48,500.00

Order Code	Add Options	All Zones
	Body Mounting	Incl.
	Direct mount gear pump with PTO and overspeed control	Incl.
	LED body lights	Incl.
	Peterson Smart light system with full body LED lights	Incl.
	Hopper work light	Incl.
	Automatic tailgate locks/latch	Incl.
	Rear vision camera system with 7" flat screen color monitor	Incl.
	Factory single cart tipper hydraulics	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LABRIE AUTOMIZER AUTOMATED SIDELOADER - 19 YD. FE (Specification #45)</u>			
Amick Equipment Co., Inc.	2016 Labrie Automizer - 19 yd. FE	★Appalachia	\$116,402.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 19 yd. FE	★Dogwood	\$116,402.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 19 yd. FE	★Cardinal	\$116,402.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 19 yd. FE	★Longleaf Pine	\$116,402.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDELoader - 19 YD. FE **SPECIFICATION #45**

2016 Labrie Automizer - 19 yd. FE

Labrie Automizer Minimum Chassis Specifications: Single Axle Units; engine: min 300hp, 850 lb/ft; torque- Allison 3000 RDS transmission; GVWR, minimum 42,000lbs; Front Axle, minimum 18,000lbs; Rear Axle, minimum 26,000lbs; effective CA (cab to axle centerline: TBD; After Frame, minimum: 68": NOTE: contact body dealer for detailed chassis specifications on each model truck. Chassis specifications must be preapproved by Labrie engineering prior to order. Call for information on lift axles if customer requires one.

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY SPECIFICATION

- a. Body floor 8ga Hardox 450 175,000 psi
- b. Lower Body side walls 10ga ASTM A1011 GR 80
- c. Upper Body side walls 12ga ASTM A1011 GR 80
- d. Body roof 12ga ASTM A1011 GR 80

2. HOPPER SPECIFICATIONS

- a. Hopper floor 0.25" Hardox 450 175,000 psi
- b. Hopper upper left 10ga ASTM A1011 CS
- c. Hopper upper right 14ga ASTM A1011 CS
- d. Hopper lower part 0.25" Hardox 450 175,000 psi
- e. Hopper access door 14ga ASTM A1011 CS
- f. Hopper door dimensions 29" x 48"

3. TAILGATE SPECIFICATIONS

- a. Sides and Rear Walls 12ga ASTM A1011 GR 80
- b. Upper tube frame 4" x 4" x 0.1875" A500 Grade C
- c. Bottom tube frame 10" x 4" or 7" x 3" x ¼" A500 Grade C
- d. Framing sides 0.1875" IPSCO AR200

4. PACKER SPECIFICATIONS

- a. Rails wear plates 0.25" Hardox 500
- b. Packer wear shoes 0.25" Hardox 450
- c. Top of packing ram 0.25" CSA G40.21 100 QT
- d. Face plate of packing ram 0.25" CSA G40.21 100 QT
- e. Width of packing ram 65.5"
- f. Height of packing ram 24"
- g. Stroke of packing ram 48"

5. HYDRAULICS

- a. Pump Dual Vane T6DC
- b. Pump flow - packer 20.4 gpm @ 700 rpm
- c. Pump flow - arm 16.3 gpm @ 700 rpm
- d. Hydraulic tank 85 gallons
- e. Hydraulic system pressure 3,000 psi max.

6. BODY DIMENSIONS - 2 AXLE

- a. O.A. length-241"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -294"
- e. O.A. height, dumping position, above frame- 200"
- f. Dumping angle, body -45°

7. BODY DIMENSIONS - 3 AXLE

- a. O.A. length-296"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -344"
- e. O.A. height, dumping position, above frame- 227"
- f. Dumping angle, body -45°

8. STANDARD EQUIPMENT

- a. Operate at idle, dual vane pump
- b. Pack on the go with overspeed protection
- c. Autopack with multicycle packing function (2 to 8 strokes)
- d. Twin clean out doors
- e. Chrome cylinder rods
- f. Side access door to hopper
- g. Multistage Sequenced Pack/Eject Cylinder
- h. 70 gal. oil reservoir with temp & sight gauge, shut off valve, clean out trap.
- i. Tailgate ajar alarm
- j. Back up alarm
- k. Body ajar alarm
- l. Arm not stowed indicator. Buzzer over 5mph
- m. LED lights
- n. Front mount pump, tandem vane
- o. 32-95 gallon automated arm, painted safety yellow
- p. 5 lb. fire extinguisher, first aid kit, flare kit & triangle kit in-cab
- q. Electronic filter in bypass indicator in cab
- r. Quick disconnect ports for pressure gauge
- s. IFM can bus control system
- t. Ergonomic in-cab control panel and joystick
- u. Arm control joystick on console, electro-proportioned for feathering capability
- v. Cushioned arm hydraulics for smooth operation
- w. In-line heavy duty grippers
- x. Marine rust inhibitor treatment on body and primer
- y. One color urethane paint, bolt-on side panels painted gray
- a`. Dual camera/flat screen color 5.6": Backup; 2nd Location top of bulkhead facing hopper
- aa. Sealed roller bearings on packer follower panel
- ab. Smooth body sidewall design
- ac. Positive automatic tailgate locks
- ad. Hour meter on pump
- ae. Complete factory mount
- af. Zinc plated hydraulic tubes
- ag. 5 micron return filter, 100 mesh suction strainer
- ah. Gripper auto-close override
- ai. Mud flaps behind tandems

- aj. Bolt on ICC override bumper
- ak. Hopper door and access ladder w/ pump shut down safety switch
- al. ANSI Z245.1 Compliant
- am. Remote grease zerks for easy greasing of packer cylinder pins

9. STANDARD WARRANTIES

- a. 1 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty
- d. 1 year mobile on-site warranty package



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDELoader - 19 YD. FE SPECIFICATION #45

2016 Labrie Automizer - 19 yd. FE

The Labrie Automizer - 19 yd. FE purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$116,402.00	\$116,402.00	\$116,402.00	\$116,402.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Automizer - 19 yd. FE			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$116,402.00	\$116,402.00	\$116,402.00	\$116,402.00

Order Code	Add Options	All Zones
	Pricing upon request - Please consult vendor for more information.	NA
	Pricing upon request - Please consult vendor for more information.	NA
	Heavy Duty Arm & Grabber	\$3,000.00
	Crusher Panel in Hopper	\$3,550.00
	Auxiliary arm controls: RH-side, in-cab (Mini-joystick style)	\$890.00
	Grabber counting device: counts number of carts dumped	\$240.00
	Spill shield: installed behind grabber	\$330.00
	Arm joystick controls: Dual-side, moveable (N/A on all chassis types)	\$690.00
	Arm joystick controls: Dual joystick (Available on Autocar-Peterbilt-Mack cab-over)	\$1,370.00
	Packer controls on joystick	\$240.00
	Crusher panel control on joystick	\$240.00
	Hydraulic oil heater in tank (Electric 110V)	\$1,070.00
	High pressure filter with dirt alarm	\$1,040.00
	Hydraulic pressure gauge on main valve	\$90.00
	Alarm for hydraulic oil temperature	\$300.00
	Alarm for low hydraulic oil level & hydraulic oil temperature	\$880.00
	Alarm for hydraulic filter replacement on return line	\$510.00
	Packer cylinders hydraulic oil regeneration	\$1,660.00
	Hot-Shift PTO with pump mounted on crossmember	\$2,670.00
	Hydraulic oil cooler	\$2,030.00
	Body control valve: electric-over-hydraulic (ILO std air-over-hydraulic)	\$980.00
	Hour Meter connected to pump switch	\$240.00
	Backup Radar Proximity Detection Safety Alert System - AWTI / Third Eye Brand	\$1,490.00
	Light: CAB MOUNTED amber strobe 6" Beacon - Whelen L10 on cab; in-cab switch; Qty 1	\$450.00
	Light: CAB MOUNTED amber strobe 6" Whelen L41, on cab: in-cab switch; Qty 1	\$580.00
	Lights: amber, alternating, flashing 4" LED in UPPER TAILGATE	\$510.00
	Lights: amber, alternating, flashing 4" LED in FRONT OF BODY	\$510.00
	Back up lights: Qty 2 additional on TAILGATE	\$390.00
	Back up lights: Qty 2 additional on MID BODY RUB RAILS	\$390.00
	ADDITIONAL red, central LED brake light, oval 6	\$760.00
	LED stop, turn & tail lights 4" in UPPER TAILGATE LIGHT BOX	\$760.00
	ARROW STICK Bar Light 48" LED light traffic director: Star Model 59050 in middle of tailgate - in cab switch	\$1,150.00
	Light: amber strobe 6" Whelen L10 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$450.00

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Light: amber strobe 6" Whelen L41 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$580.00
High Visibility Lighting Package - Call Labrie Representative for complete description	\$4,090.00
Whelen Light Bar on Tailgate - Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2	\$1,660.00
Multifunction Lights Package - "Smart" style round amber lights (4)	\$940.00
Work light kit: LED single, in-cab single manual switch - 4	\$390.00
Work light kit: LED Dual, in-cab single manual switch - 4	\$580.00
Work light kit: LED triple, in-cab single manual switch	\$870.00
Camera: Dual Safety Vision: 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$3,410.00
Camera: Dual 3rd Eye: 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$1,660.00
Camera: Dual Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,610.00
Triple Safety Vision. 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$4,840.00
Triple 3rd Eye. 7" color LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$2,260.00
Triple Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$2,070.00
Camera system: 3rd Eye, installed on body builder cable	Incl.
Protection cages on all cameras.	\$250.00
NOTE: Specify camera locations upon order	NA
Ground level grease points: for tailgate & hopper door hinges	\$1,080.00
Anti-sail bars on rear mudflaps (N/A with tag axle or comingle body)	\$130.00
Clean out tools (broom, hoe & shovel kit including brackets; installed at front-of-body)	\$270.00
Hopper roof to protect against wind, rain or snow (Max Height: 13ft 6") (Not available with roof mounted CNG)	\$1,410.00
Fire extinguisher including brackets & protective bag - 20 lbs.	\$310.00
Liners in entire hopper and body trough, full length, Hardox 450	\$2,860.00
Retainer teeth under breaker bar	\$390.00
Display Signs - 32in H. x 84in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,420.00
Display Signs - 32in H. x 96in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,460.00
Display Signs - 48in H. x 96in L. (N/A on 20 cu.yds CNG roof mount) - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,530.00
Environmental spill kit installed on body	\$280.00
Toolbox: Aluminium, chassis-mounted, size: 24 x 24 x 24 (Location TBD, depending on space availability, Additional charges may apply if chassis components need to be relocated)	\$950.00

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BASE PRICE:	\$116,402.00	\$116,402.00	\$116,402.00	\$116,402.00

Wheelbase modification: Lengthen single axle chassis WB (including longer ABS cable & drive shaft)	\$1,990.00
Wheelbase modification: Shorten single axle chassis WB	\$1,990.00
Wheelbase modification: Lengthen tandem axle chassis WB (including longer ABS cable & drive shaft)	\$2,730.00
Wheelbase modification: Shorten tandem axle chassis	\$2,730.00
Rear Tow Hooks (2)	\$290.00
Telma Axial Mount braking system	\$11,000.00
13.5K Hendrickson Composilite steerable tag axle (including steel wheels and tires)	\$9,000.00
13.5K Hendrickson Composilite steerable tag axle (including aluminum wheels and tires)	\$10,000.00
1 Color Urethane Body Paint (Included in unit base price, Includes bolt-on parts painted body color)	Std
1 Color Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$1,910.00
2 Colors Urethane Body Paint (1 color separation, Includes bolt-on parts painted body color)	\$1,500.00
2 Colors Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$2,900.00
Ziebart undercoating : chassis & body	\$2,270.00
CAUTION THIS VEHICLE STOPS AND BACKS FREQUENTLY, 74.5in x 23.5in	\$190.00
CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY BACK 50 FEET, 65in x 20in	\$190.00
SLOW DOWN TO GET AROUND, 36in x 18in	\$190.00
PLAN A - Add 1 year on body & hydraulics for a total of 2 years (including hydraulic cooler)	\$3,420.00
PLAN B - Add 2 years on hydraulics only for a total of 3 years (including hydraulic cooler)	\$4,660.00
PLAN C - Add 4 years on hydraulic CYLINDERS only for a total of 5 years (hydraulic cooler warranty is 2 year)	\$9,600.00
PLAN D - Add 2 years on hydraulic CYLINDERS only for a total of 3 years (if equipped, hydraulic cooler warranty is 2 year)	\$2,980.00
Extension "C" rails 2.5" x 4" x 2.5" x 0.5" ASTM	Std
Extension "I" beams 5.5" x 2.8125" x 0.75" ASTM	Std
Lifting arms 1" ASTM A514	Std
Cart Compatibility: 32 to 96 gal. Carts	Std
Lift capacities 1,000 lbs.	Std
Arm reach 144"	Std
Arm cycle time 10 sec.	Std
Body Lift Cylinder - Nitrided Multi-Stage- Body Size: 20 yd3: Bore: 6 ½"; Stroke: 150"; Stages: 4; Body Size: 27 yd3: Bore: 7 ½"; Stroke: 180"; Stages: 4; Body Size: 31 yd3: Bore: 8 ½"; Stroke: 204"; Stages: 5	Std
Rod Type Cylinders: Bore x Rod x Stroke; Packer 4" x 2 1/2" x 40"; Tailgate 2 1/2" x 1 3/4" x 39"; Arm extension 1 1/2" x 1" x 54"; Lifting 3" x 1 1/2" x 16"; Grabber 1 1/2" x 1" x 6"	Std



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LABRIE AUTOMIZER AUTOMATED SIDELOADER - 21 YD. FE (Specification #46)</u>			
Amick Equipment Co., Inc.	2016 Labrie Automizer - 21 yd. FE	★Appalachia	\$116,975.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 21 yd. FE	★Dogwood	\$116,975.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 21 yd. FE	★Cardinal	\$116,975.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 21 yd. FE	★Longleaf Pine	\$116,975.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDELoader - 21 YD. FE **SPECIFICATION #46**

2016 Labrie Automizer - 21 yd. FE

Labrie Automizer Minimum Chassis Specifications - Single Axle Units; Engine: min 300hp, 850 lb/ft torque; Allison 3000 RDS transmission; GVWR minimum 42,000lbs; Front Axle minimum: 18,000lbs; Rear Axle minimum 26,000lbs; Effective CA (cab to axle centerline): TBD; After Frame minimum:68"; NOTE: contact body dealer for detailed chassis specifications on each model truck. Chassis specifications must be preapproved by Labrie Engineering prior to order. Call for more information on lift axles if customer requires one.

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY SPECIFICATION

- a. Body floor 8ga Hardox 450 175,000 psi
- b. Lower Body side walls 10ga ASTM A1011 GR 80
- c. Upper Body side walls 12ga ASTM A1011 GR 80
- d. Body roof 12ga ASTM A1011 GR 80

2. HOPPER SPECIFICATIONS

- a. Hopper floor 0.25" Hardox 450 175,000 psi
- b. Hopper upper left 10ga ASTM A1011 CS
- c. Hopper upper right 14ga ASTM A1011 CS
- d. Hopper lower part 0.25" Hardox 450 175,000 psi
- e. Hopper access door 14ga ASTM A1011 CS
- f. Hopper door dimensions 29" x 48"

3. TAILGATE SPECIFICATIONS

- a. Sides and Rear Walls 12ga ASTM A1011 GR 80
- b. Upper tube frame 4" x 4" x 0.1875" A500 Grade C
- c. Bottom tube frame 10" x 4" or 7" x 3" x ¼" A500 Grade C
- d. Framing sides 0.1875" IPSCO AR200

4. PACKER SPECIFICATIONS

- a. Rails wear plates 0.25" Hardox 500
- b. Packer wear shoes 0.25" Hardox 450
- c. Top of packing ram 0.25" CSA G40.21 100 QT
- d. Face plate of packing ram 0.25" CSA G40.21 100 QT
- e. Width of packing ram 65.5"
- f. Height of packing ram 24"
- g. Stroke of packing ram 48"

5. HYDRAULICS

- a. Pump Dual Vane T6DC
- b. Pump flow - packer 20.4 gpm @ 700 rpm
- c. Pump flow - arm 16.3 gpm @ 700 rpm
- d. Hydraulic tank 85 gallons
- e. Hydraulic system pressure 3,000 psi max.

6. BODY DIMENSIONS - 2 AXLE

- a. O.A. length-241"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -294"
- e. O.A. height, dumping position, above frame- 200"
- f. Dumping angle, body -45°

7. BODY DIMENSIONS - 3 AXLE

- a. O.A. length-296"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -344"
- e. O.A. height, dumping position, above frame- 227"
- f. Dumping angle, body -45°

8. STANDARD EQUIPMENT

- a. Operate at idle, dual vane pump
- b. Pack on the go with overspeed protection
- c. Autopack with multicycle packing function (2 to 8 strokes)
- d. Twin clean out doors
- e. Chrome cylinder rods
- f. Side access door to hopper
- g. Multistage Sequenced Pack/Eject Cylinder
- h. 70 gal. oil reservoir with temp & sight gauge, shut off valve, clean out trap.
- i. Tailgate ajar alarm
- j. Back up alarm
- k. Body ajar alarm
- l. Arm not stowed indicator. Buzzer over 5mph
- m. LED lights
- n. Front mount pump, tandem vane
- o. 32-95 gallon automated arm, painted safety yellow
- p. 5 lb. fire extinguisher, first aid kit, flare kit & triangle kit in-cab
- q. Electronic filter in bypass indicator in cab
- r. Quick disconnect ports for pressure gauge
- s. IFM can bus control system
- t. Ergonomic in-cab control panel and joystick
- u. Arm control joystick on console, electro-proportioned for feathering capability
- v. Cushioned arm hydraulics for smooth operation
- w. In-line heavy duty grippers
- x. Marine rust inhibitor treatment on body and primer
- y. One color urethane paint, bolt-on side panels painted gray
- a`. Dual camera/flat screen color 5.6": Backup; 2nd Location top of bulkhead facing hopper
- aa. Sealed roller bearings on packer follower panel
- ab. Smooth body sidewall design
- ac. Positive automatic tailgate locks
- ad. Hour meter on pump
- ae. Complete factory mount
- af. Zinc plated hydraulic tubes
- ag. 5 micron return filter, 100 mesh suction strainer
- ah. Gripper auto-close override
- ai. Mud flaps behind tandems

- aj. Bolt on ICC underride bumper
- ak. Hopper door and access ladder w/ pump shut down safety switch
- al. ANSI Z245.1 Compliant
- am. Remote grease zerks for easy greasing of packer cylinder pins

9. STANDARD WARRANTIES

- a. 1 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty
- d. 1 year mobile on-site warranty package

10. CYLINDERS STANDARD

- a. Rod Type Cylinders: Bore x Rod x Stroke; Packer 4" x 2 1/2" x 40"; Tailgate 2 1/2" x 1 3/4" x 39"; Arm extension 1 1/2" x 1" x 54"; Lifting 3" x 1 1/2" x 16"; Grabber 1 1/2" x 1" x 6"



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDELoader - 21 YD. FE SPECIFICATION #46

2016 Labrie Automizer - 21 yd. FE

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ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$116,975.00	\$116,975.00	\$116,975.00	\$116,975.00

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Order Code	Add Options	All Zones
	Pricing upon request - Please consult vendor for more information.	NA
	Pricing upon request - Please consult vendor for more information.	NA
	Heavy Duty Arm & Grabber	\$3,000.00
	Crusher Panel in Hopper	\$3,550.00
	Auxiliary arm controls: RH-side, in-cab (Mini-joystick style)	\$890.00
	Grabber counting device: counts number of carts dumped	\$240.00
	Spill shield: installed behind grabber	\$330.00
	Arm joystick controls: Dual-side, moveable (N/A on all chassis types)	\$690.00
	Arm joystick controls: Dual joystick (Available on Autocar-Peterbilt-Mack cab-over)	\$1,370.00
	Packer controls on joystick	\$240.00
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	Hydraulic oil heater in tank (Electric 110V)	\$1,070.00
	High pressure filter with dirt alarm	\$1,040.00
	Hydraulic pressure gauge on main valve	\$90.00
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	Packer cylinders hydraulic oil regeneration	\$1,660.00
	Hot-Shift PTO with pump mounted on crossmember	\$2,670.00
	Hydraulic oil cooler	\$2,030.00
	Body control valve: electric-over-hydraulic (ILO std air-over-hydraulic)	\$980.00
	Hour Meter connected to pump switch	\$240.00
	Backup Radar Proximity Detection Safety Alert System - AWTI / Third Eye Brand	\$1,490.00
	Light: CAB MOUNTED amber strobe 6" Beacon - Whelen L10 on cab; in-cab switch; Qty 1	\$450.00
	Light: CAB MOUNTED amber strobe 6" Whelen L41, on cab: in-cab switch; Qty 1	\$580.00
	Lights: amber, alternating, flashing 4" LED in UPPER TAILGATE	\$510.00
	Lights: amber, alternating, flashing 4" LED in FRONT OF BODY	\$510.00
	Back up lights: Qty 2 additional on TAILGATE	\$390.00
	Back up lights: Qty 2 additional on MID BODY RUB RAILS	\$390.00
	ADDITIONAL red, central LED brake light, oval 6	\$760.00
	LED stop, turn & tail lights 4" in UPPER TAILGATE LIGHT BOX	\$760.00
	ARROW STICK Bar Light 48" LED light traffic director: Star Model 59050 in middle of tailgate - in cab switch	\$1,150.00
	Light: amber strobe 6" Whelen L10 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$450.00

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High Visibility Lighting Package - Call Labrie Representative for complete description	\$4,090.00
Whelen Light Bar on Tailgate - Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2	\$1,660.00
Multifunction Lights Package - "Smart" style round amber lights (4)	\$940.00
Work light kit: LED single, in-cab single manual switch - 4	\$390.00
Work light kit: LED Dual, in-cab single manual switch - 4	\$580.00
Work light kit: LED triple, in-cab single manual switch	\$870.00
Camera: Dual Safety Vision: 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$3,410.00
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Triple Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$2,070.00
Camera system: 3rd Eye, installed on body builder cable	Std
Protection cages on all cameras.	\$250.00
NOTE: Specify camera locations upon order	NA
Ground level grease points: for tailgate & hopper door hinges	\$1,080.00
Anti-sail bars on rear mudflaps (N/A with tag axle or comingle body)	\$130.00
Clean out tools (broom, hoe & shovel kit including brackets; installed at front-of-body)	\$270.00
Hopper roof to protect against wind, rain or snow (Max Height: 13ft 6") (Not available with roof mounted CNG)	\$1,410.00
Fire extinguisher including brackets & protective bag - 20 lbs.	\$310.00
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Display Signs - 48in H. x 96in L. (N/A on 20 cu.yds CNG roof mount) - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,530.00
Environmental spill kit installed on body	\$280.00
Toolbox: Aluminium, chassis-mounted, size: 24 x 24 x 24 (Location TBD, depending on space availability, Additional charges may apply if chassis components need to be relocated)	\$950.00

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Wheelbase modification: Shorten tandem axle chassis	\$2,730.00
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13.5K Hendrickson Composilite steerable tag axle (including steel wheels and tires)	\$9,000.00
13.5K Hendrickson Composilite steerable tag axle (including aluminum wheels and tires)	\$10,000.00
1 Color Urethane Body Paint (Included in unit base price, Includes bolt-on parts painted body color)	Std
1 Color Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$1,910.00
2 Colors Urethane Body Paint (1 color separation, Includes bolt-on parts painted body color)	\$1,500.00
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CAUTION THIS VEHICLE STOPS AND BACKS FREQUENTLY, 74.5in x 23.5in	\$190.00
CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY BACK 50 FEET, 65in x 20in	\$190.00
SLOW DOWN TO GET AROUND, 36in x 18in	\$190.00
PLAN A - Add 1 year on body & hydraulics for a total of 2 years (including hydraulic cooler)	\$3,420.00
PLAN B - Add 2 years on hydraulics only for a total of 3 years (including hydraulic cooler)	\$4,660.00
PLAN C - Add 4 years on hydraulic CYLINDERS only for a total of 5 years (hydraulic cooler warranty is 2 year)	\$9,600.00
PLAN D - Add 2 years on hydraulic CYLINDERS only for a total of 3 years (if equipped, hydraulic cooler warranty is 2 year)	\$2,980.00
Extension "C" rails 2.5" x 4" x 2.5" x 0.5" ASTM	Std
Extension "I" beams 5.5" x 2.8125" x 0.75" ASTM	Std
Lifting arms 1" ASTM A514	Std
Cart Compatibility: 32 to 96 gal. Carts	Std
Lift capacities 1,000 lbs.	Std
Arm reach 144"	Std
Arm cycle time 10 sec.	Std
Body Lift Cylinder - Nitrided Multi-Stage- Body Size: 20 yd3: Bore: 6 ½"; Stroke: 150"; Stages: 4; Body Size: 27 yd3: Bore: 7 ½"; Stroke: 180"; Stages: 4; Body Size: 31 yd3: Bore: 8 ½"; Stroke: 204"; Stages: 5	Std



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LABRIE AUTOMIZER AUTOMATED SIDELOADER - 23 YD. FE (Specification #47)</u>			
Amick Equipment Co., Inc.	2016 Labrie Automizer - 23 yd. FE	★Appalachia	\$117,547.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 23 yd. FE	★Dogwood	\$117,547.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 23 yd. FE	★Cardinal	\$117,547.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 23 yd. FE	★Longleaf Pine	\$117,547.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDELoader - 23 YD. FE **SPECIFICATION #47**

2016 Labrie Automizer - 23 yd. FE

Labrie Automizer Minimum Chassis Specifications - Single Axle Units; Engine: min 300hp, 850 lb/ft torque; Allison 3000 RDS transmission; GVWR minimum 42,000lbs; Front Axle minimum: 18,000lbs; Rear Axle minimum 26,000lbs; Effective CA (cab to axle centerline): TBD; After Frame minimum:68"; NOTE: contact body dealer for detailed chassis specifications on each model truck. Chassis specifications must be preapproved by Labrie Engineering prior to order. Call for more information on lift axles if customer requires one.

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY SPECIFICATION

- a. Body floor 8ga Hardox 450 175,000 psi
- b. Lower Body side walls 10ga ASTM A1011 GR 80
- c. Upper Body side walls 12ga ASTM A1011 GR 80
- d. Body roof 12ga ASTM A1011 GR 80

2. HOPPER SPECIFICATIONS

- a. Hopper floor 0.25" Hardox 450 175,000 psi
- b. Hopper upper left 10ga ASTM A1011 CS
- c. Hopper upper right 14ga ASTM A1011 CS
- d. Hopper lower part 0.25" Hardox 450 175,000 psi
- e. Hopper access door 14ga ASTM A1011 CS
- f. Hopper door dimensions 29" x 48"

3. TAILGATE SPECIFICATIONS

- a. Sides and Rear Walls 12ga ASTM A1011 GR 80
- b. Upper tube frame 4" x 4" x 0.1875" A500 Grade C
- c. Bottom tube frame 10" x 4" or 7" x 3" x ¼" A500 Grade C
- d. Framing sides 0.1875" IPSCO AR200

4. PACKER SPECIFICATIONS

- a. Rails wear plates 0.25" Hardox 500
- b. Packer wear shoes 0.25" Hardox 450
- c. Top of packing ram 0.25" CSA G40.21 100 QT
- d. Face plate of packing ram 0.25" CSA G40.21 100 QT
- e. Width of packing ram 65.5"
- f. Height of packing ram 24"
- g. Stroke of packing ram 48"

5. HYDRAULICS

- a. Pump Dual Vane T6DC
- b. Pump flow - packer 20.4 gpm @ 700 rpm
- c. Pump flow - arm 16.3 gpm @ 700 rpm
- d. Hydraulic tank 85 gallons
- e. Hydraulic system pressure 3,000 psi max.

6. BODY DIMENSIONS - 2 AXLE

- a. O.A. length-241"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -294"
- e. O.A. height, dumping position, above frame- 200"
- f. Dumping angle, body -45°

7. BODY DIMENSIONS - 3 AXLE

- a. O.A. length-296"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -344"
- e. O.A. height, dumping position, above frame- 227"
- f. Dumping angle, body -45°

8. STANDARD EQUIPMENT

- a. Operate at idle, dual vane pump
- b. Pack on the go with overspeed protection
- c. Autopack with multicycle packing function (2 to 8 strokes)
- d. Twin clean out doors
- e. Chrome cylinder rods
- f. Side access door to hopper
- g. Multistage sequenced pack/eject cylinder
- h. 70 gal. oil reservoir with temp & sight gauge, shut off valve, clean out trap.
 - i. Tailgate ajar alarm
 - j. Back up alarm
 - k. Body ajar alarm
 - l. Arm not stowed indicator. Buzzer over 5mph
- m. LED lights
- n. Front mount pump, tandem vane
- o. 32-95 gallon automated arm, painted safety yellow
- p. 5 lb. fire extinguisher, first aid kit, flare kit & triangle kit in-cab
- q. Electronic filter in bypass indicator in cab
- r. Quick disconnect ports for pressure gauge
- s. IFM can bus control system
- t. Ergonomic in-cab control panel and joystick
- u. Arm control joystick on console, electro-proportioned for feathering capability
- v. Cushioned arm hydraulics for smooth operation
- w. In-line heavy duty grippers
- x. Marine rust inhibitor treatment on body and primer
- y. One color urethane paint, bolt-on side panels painted gray
- a`. Dual camera/flat screen color 5.6": Backup; 2nd Location top of bulkhead facing hopper
- aa. Sealed roller bearings on packer follower panel
- ab. Smooth body sidewall design
- ac. Positive automatic tailgate locks
- ad. Hour meter on pump
- ae. Complete factory mount
- af. Zinc plated hydraulic tubes
- ag. 5 micron return filter, 100 mesh suction strainer
- ah. Gripper auto-close override
- ai. Mud flaps behind tandems

- aj. Bolt on ICC override bumper
- ak. Hopper door and access ladder w/ pump shut down safety switch
- al. ANSI Z245.1 Compliant
- am. Remote grease zerks for easy greasing of packer cylinder pins

9. STANDARD WARRANTIES

- a. 1 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty
- d. 1 year mobile on-site warranty package



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDELoader - 23 YD. FE SPECIFICATION #47

2016 Labrie Automizer - 23 yd. FE

The Labrie Automizer - 23 yd. FE purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$117,547.00	\$117,547.00	\$117,547.00	\$117,547.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Automizer - 23 yd. FE			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$117,547.00	\$117,547.00	\$117,547.00	\$117,547.00

Order Code	Add Options	All Zones
	Pricing upon request - Please consult vendor for more information.	NA
	Pricing upon request - Please consult vendor for more information.	NA
	Heavy Duty Arm & Grabber	\$3,000.00
	Crusher Panel in Hopper	\$3,550.00
	Auxiliary arm controls: RH-side, in-cab (Mini-joystick style)	\$890.00
	Grabber counting device: counts number of carts dumped	\$240.00
	Spill shield: installed behind grabber	\$330.00
	Arm joystick controls: Dual-side, moveable (N/A on all chassis types)	\$690.00
	Arm joystick controls: Dual joystick (Available on Autocar-Peterbilt-Mack cab-over)	\$1,370.00
	Packer controls on joystick	\$240.00
	Crusher panel control on joystick	\$240.00
	Hydraulic oil heater in tank (Electric 110V)	\$1,070.00
	High pressure filter with dirt alarm	\$1,040.00
	Hydraulic pressure gauge on main valve	\$90.00
	Alarm for hydraulic oil temperature	\$300.00
	Alarm for low hydraulic oil level & hydraulic oil temperature	\$880.00
	Alarm for hydraulic filter replacement on return line	\$510.00
	Packer cylinders hydraulic oil regeneration	\$1,660.00
	Hot-Shift PTO with pump mounted on crossmember	\$2,670.00
	Hydraulic oil cooler	\$2,030.00
	Body control valve: electric-over-hydraulic (ILO std air-over-hydraulic)	\$980.00
	Hour Meter connected to pump switch	\$240.00
	Backup Radar Proximity Detection Safety Alert System - AWTI / Third Eye Brand	\$1,490.00
	Light: CAB MOUNTED amber strobe 6" Beacon - Whelen L10 on cab; in-cab switch; Qty 1	\$450.00
	Light: CAB MOUNTED amber strobe 6" Whelen L41, on cab: in-cab switch; Qty 1	\$580.00
	Lights: amber, alternating, flashing 4" LED in UPPER TAILGATE	\$510.00
	Lights: amber, alternating, flashing 4" LED in FRONT OF BODY	\$510.00
	Back up lights: Qty 2 additional on TAILGATE	\$390.00
	Back up lights: Qty 2 additional on MID BODY RUB RAILS	\$390.00
	ADDITIONAL red, central LED brake light, oval 6	\$760.00
	LED stop, turn & tail lights 4" in UPPER TAILGATE LIGHT BOX	\$760.00
	ARROW STICK Bar Light 48" LED light traffic director: Star Model 59050 in middle of tailgate - in cab switch	\$1,150.00
	Light: amber strobe 6" Whelen L10 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$450.00

VEHICLE:	Automizer - 23 yd. FE			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$117,547.00	\$117,547.00	\$117,547.00	\$117,547.00

Light: amber strobe 6" Whelen L41 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$580.00
High Visibility Lighting Package - Call Labrie Representative for complete description	\$4,090.00
Whelen Light Bar on Tailgate - Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2	\$1,660.00
Multifunction Lights Package - "Smart" style round amber lights (4)	\$940.00
Work light kit: LED single, in-cab single manual switch - 4	\$390.00
Work light kit: LED Dual, in-cab single manual switch - 4	\$580.00
Work light kit: LED triple, in-cab single manual switch	\$870.00
Camera: Dual Safety Vision: 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$3,410.00
Camera: Dual 3rd Eye: 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$1,660.00
Camera: Dual Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,610.00
Triple Safety Vision. 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$4,840.00
Triple 3rd Eye. 7" color LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$2,260.00
Triple Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$2,070.00
Camera system: 3rd Eye, installed on body builder cable	Std
Protection cages on all cameras.	\$250.00
NOTE: Specify camera locations upon order	NA
Ground level grease points: for tailgate & hopper door hinges	\$1,080.00
Anti-sail bars on rear mudflaps (N/A with tag axle or comingle body)	\$130.00
Clean out tools (broom, hoe & shovel kit including brackets; installed at front-of-body)	\$270.00
Hopper roof to protect against wind, rain or snow (Max Height: 13ft 6") (Not available with roof mounted CNG)	\$1,410.00
Fire extinguisher including brackets & protective bag - 20 lbs.	\$310.00
Liners in entire hopper and body trough, full length, Hardox 450	\$2,860.00
Retainer teeth under breaker bar	\$390.00
Display Signs - 32in H. x 84in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,420.00
Display Signs - 32in H. x 96in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,460.00
Display Signs - 48in H. x 96in L. (N/A on 20 cu.yds CNG roof mount) - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,530.00
Environmental spill kit installed on body	\$280.00
Toolbox: Aluminium, chassis-mounted, size: 24 x 24 x 24 (Location TBD, depending on space availability, Additional charges may apply if chassis components need to be relocated)	\$950.00

VEHICLE:	Automizer - 23 yd. FE			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$117,547.00	\$117,547.00	\$117,547.00	\$117,547.00

Wheelbase modification: Lengthen single axle chassis WB (including longer ABS cable & drive shaft)	\$1,990.00
Wheelbase modification: Shorten single axle chassis WB	\$1,990.00
Wheelbase modification: Lengthen tandem axle chassis WB (including longer ABS cable & drive shaft)	\$2,730.00
Wheelbase modification: Shorten tandem axle chassis	\$2,730.00
Rear Tow Hooks (2)	\$290.00
Telma Axial Mount braking system	\$11,000.00
13.5K Hendrickson Composilite steerable tag axle (including steel wheels and tires)	\$9,000.00
13.5K Hendrickson Composilite steerable tag axle (including aluminum wheels and tires)	\$10,000.00
1 Color Urethane Body Paint (Included in unit base price, Includes bolt-on parts painted body color)	Std
1 Color Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$1,910.00
2 Colors Urethane Body Paint (1 color separation, Includes bolt-on parts painted body color)	\$1,500.00
2 Colors Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$2,900.00
Ziebart undercoating : chassis & body	\$2,270.00
CAUTION THIS VEHICLE STOPS AND BACKS FREQUENTLY, 74.5in x 23.5in	\$190.00
CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY BACK 50 FEET, 65in x 20in	\$190.00
SLOW DOWN TO GET AROUND, 36in x 18in	\$190.00
PLAN A - Add 1 year on body & hydraulics for a total of 2 years (including hydraulic cooler)	\$3,420.00
PLAN B - Add 2 years on hydraulics only for a total of 3 years (including hydraulic cooler)	\$4,660.00
PLAN C - Add 4 years on hydraulic CYLINDERS only for a total of 5 years (hydraulic cooler warranty is 2 year)	\$9,600.00
PLAN D - Add 2 years on hydraulic CYLINDERS only for a total of 3 years (if equipped, hydraulic cooler warranty is 2 year)	\$2,980.00
Extension "C" rails 2.5" x 4" x 2.5" x 0.5" ASTM	Std
Extension "I" beams 5.5" x 2.8125" x 0.75" ASTM	Std
Lifting arms 1" ASTM A514	Std
Cart Compatibility: 32 to 96 gal. Carts	Std
Lift capacities 1,000 lbs.	Std
Arm reach 144"	Std
Arm cycle time 10 sec.	Std
Body Lift Cylinder - Nitrided Multi-Stage- Body Size: 20 yd3: Bore: 6 ½"; Stroke: 150"; Stages: 4; Body Size: 27 yd3: Bore: 7 ½"; Stroke: 180"; Stages: 4; Body Size: 31 yd3: Bore: 8 ½"; Stroke: 204"; Stages: 5	Std
Rod Type Cylinders: Bore x Rod x Stroke; Packer 4" x 2 1/2" x 40"; Tailgate 2 1/2" x 1 3/4" x 39"; Arm extension 1 1/2" x 1" x 54"; Lifting 3" x 1 1/2" x 16"; Grabber 1 1/2" x 1" x 6"	Std



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LABRIE AUTOMIZER AUTOMATED SIDELOADER - 26 YD. FE (Specification #48)</u>			
Amick Equipment Co., Inc.	2016 Labrie Automizer - 26 yd. FE	★Appalachia	\$117,612.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 26 yd. FE	★Dogwood	\$117,612.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 26 yd. FE	★Cardinal	\$117,612.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 26 yd. FE	★Longleaf Pine	\$117,612.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDELoader - 26 YD. FE **SPECIFICATION #48**

2016 Labrie Automizer - 26 yd. FE

Labrie Automizer Minimum Chassis Specifications - Tandem Axle Units; Engine: min 325hp, 1000 lb/ft torque; Allison 3000 or 4000 RDS transmission; GVWR minimum 60,000lbs; Front Axle minimum: 20,000lbs; Rear Axle minimum 40,000 lbs; Effective CA (cab to axle centerline): TBD; After Frame minimum:80"; NOTE: contact body dealer for detailed chassis specifications on each model truck. Chassis specifications must be preapproved by Labrie Engineering prior to order. Call for more information on lift axles if customer requires one.

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY SPECIFICATION

- a. Body floor 8ga Hardox 450 175,000 psi
- b. Lower Body side walls 10ga ASTM A1011 GR 80
- c. Upper Body side walls 12ga ASTM A1011 GR 80
- d. Body roof 12ga ASTM A1011 GR 80

2. HOPPER SPECIFICATIONS

- a. Hopper floor 0.25" Hardox 450 175,000 psi
- b. Hopper upper left 10ga ASTM A1011 CS
- c. Hopper upper right 14ga ASTM A1011 CS
- d. Hopper lower part 0.25" Hardox 450 175,000 psi
- e. Hopper access door 14ga ASTM A1011 CS
- f. Hopper door dimensions 29" x 48"

3. TAILGATE SPECIFICATIONS

- a. Sides and Rear Walls 12ga ASTM A1011 GR 80
- b. Upper tube frame 4" x 4" x 0.1875" A500 Grade C
- c. Bottom tube frame 10" x 4" or 7" x 3" x ¼" A500 Grade C
- d. Framing sides 0.1875" IPSCO AR200

4. PACKER SPECIFICATIONS

- a. Rails wear plates 0.25" Hardox 500
- b. Packer wear shoes 0.25" Hardox 450
- c. Top of packing ram 0.25" CSA G40.21 100 QT
- d. Face plate of packing ram 0.25" CSA G40.21 100 QT
- e. Width of packing ram 65.5"
- f. Height of packing ram 24"
- g. Stroke of packing ram 48"

5. HYDRAULICS

- a. Pump Dual Vane T6DC
- b. Pump flow - packer 20.4 gpm @ 700 rpm
- c. Pump flow - arm 16.3 gpm @ 700 rpm
- d. Hydraulic tank 85 gallons
- e. Hydraulic system pressure 3,000 psi max.

6. BODY DIMENSIONS - 2 AXLE

- a. O.A. length-241"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -294"
- e. O.A. height, dumping position, above frame- 200"
- f. Dumping angle, body -45°

7. BODY DIMENSIONS - 3 AXLE

- a. O.A. length-296"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -344"
- e. O.A. height, dumping position, above frame- 227"
- f. Dumping angle, body -45°

8. STANDARD EQUIPMENT

- a. Operate at idle, dual vane pump
- b. Pack on the go with overspeed protection
- c. Autopack with multicycle packing function (2 to 8 strokes)
- d. Twin clean out doors
- e. Chrome cylinder rods
- f. Side access door to hopper
- g. Multistage sequenced pack/eject cylinder
- h. 70 gal. oil reservoir with temp & sight gauge, shut off valve, clean out trap.
 - i. Tailgate ajar alarm
 - j. Back up alarm
 - k. Body ajar alarm
 - l. Arm not stowed indicator. Buzzer over 5mph
- m. LED lights
- n. Front mount pump, tandem vane
- o. 32-95 gallon automated arm, painted safety yellow
- p. 5 lb. fire extinguisher, first aid kit, flare kit & triangle kit in-cab
- q. Electronic filter in bypass indicator in cab
- r. Quick disconnect ports for pressure gauge
- s. IFM can bus control system
- t. Ergonomic in-cab control panel and joystick
- u. Arm control joystick on console, electro-proportioned for feathering capability
- v. Cushioned arm hydraulics for smooth operation
- w. In-line heavy duty grippers
- x. Marine rust inhibitor treatment on body and primer
- y. One color urethane paint, bolt-on side panels painted gray
- a`. Dual camera/flat screen color 5.6": Backup; 2nd Location top of bulkhead facing hopper
- aa. Sealed roller bearings on packer follower panel
- ab. Smooth body sidewall design
- ac. Positive automatic tailgate locks
- ad. Hour meter on pump
- ae. Complete factory mount
- af. Zinc plated hydraulic tubes
- ag. 5 micron return filter, 100 mesh suction strainer
- ah. Gripper auto-close override
- ai. Mud flaps behind tandems

- aj. Bolt on ICC override bumper
- ak. Hopper door and access ladder w/ pump shut down safety switch
- al. ANSI Z245.1 Compliant
- am. Remote grease zerks for easy greasing of packer cylinder pins

9. STANDARD WARRANTIES

- a. 1 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty
- d. 1 year mobile on-site warranty package



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDELoader - 26 YD. FE SPECIFICATION #48

2016 Labrie Automizer - 26 yd. FE

The Labrie Automizer - 26 yd. FE purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$117,612.00	\$117,612.00	\$117,612.00	\$117,612.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Automizer - 26 yd. FE			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$117,612.00	\$117,612.00	\$117,612.00	\$117,612.00

Order Code	Add Options	All Zones
	Pricing upon request - Please consult vendor for more information.	NA
	Pricing upon request - Please consult vendor for more information.	NA
	Heavy Duty Arm & Grabber	\$3,000.00
	Crusher Panel in Hopper	\$3,550.00
	Auxiliary arm controls: RH-side, in-cab (Mini-joystick style)	\$890.00
	Grabber counting device: counts number of carts dumped	\$240.00
	Spill shield: installed behind grabber	\$330.00
	Arm joystick controls: Dual-side, moveable (N/A on all chassis types)	\$690.00
	Arm joystick controls: Dual joystick (Available on Autocar-Peterbilt-Mack cab-over)	\$1,370.00
	Packer controls on joystick	\$240.00
	Crusher panel control on joystick	\$240.00
	Hydraulic oil heater in tank (Electric 110V)	\$1,070.00
	High pressure filter with dirt alarm	\$1,040.00
	Hydraulic pressure gauge on main valve	\$90.00
	Alarm for hydraulic oil temperature	\$300.00
	Alarm for low hydraulic oil level & hydraulic oil temperature	\$880.00
	Alarm for hydraulic filter replacement on return line	\$510.00
	Packer cylinders hydraulic oil regeneration	\$1,660.00
	Hot-Shift PTO with pump mounted on crossmember	\$2,670.00
	Hydraulic oil cooler	\$2,030.00
	Body control valve: electric-over-hydraulic (ILO std air-over-hydraulic)	\$980.00
	Hour Meter connected to pump switch	\$240.00
	Backup Radar Proximity Detection Safety Alert System - AWTI / Third Eye Brand	\$1,490.00
	Light: CAB MOUNTED amber strobe 6" Beacon - Whelen L10 on cab; in-cab switch; Qty 1	\$450.00
	Light: CAB MOUNTED amber strobe 6" Whelen L41, on cab: in-cab switch; Qty 1	\$580.00
	Lights: amber, alternating, flashing 4" LED in UPPER TAILGATE	\$510.00
	Lights: amber, alternating, flashing 4" LED in FRONT OF BODY	\$510.00
	Back up lights: Qty 2 additional on TAILGATE	\$390.00
	Back up lights: Qty 2 additional on MID BODY RUB RAILS	\$390.00
	ADDITIONAL red, central LED brake light, oval 6	\$760.00
	LED stop, turn & tail lights 4" in UPPER TAILGATE LIGHT BOX	\$760.00
	ARROW STICK Bar Light 48" LED light traffic director: Star Model 59050 in middle of tailgate - in cab switch	\$1,150.00
	Light: amber strobe 6" Whelen L10 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$450.00

VEHICLE:	Automizer - 26 yd. FE			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$117,612.00	\$117,612.00	\$117,612.00	\$117,612.00

Light: amber strobe 6" Whelen L41 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$580.00
High Visibility Lighting Package - Call Labrie Representative for complete description	\$4,090.00
Whelen Light Bar on Tailgate - Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2	\$1,660.00
Multifunction Lights Package - "Smart" style round amber lights (4)	\$940.00
Work light kit: LED single, in-cab single manual switch - 4	\$390.00
Work light kit: LED Dual, in-cab single manual switch - 4	\$580.00
Work light kit: LED triple, in-cab single manual switch	\$870.00
Camera: Dual Safety Vision: 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$3,410.00
Camera: Dual 3rd Eye: 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$1,660.00
Camera: Dual Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,610.00
Triple Safety Vision. 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$4,840.00
Triple 3rd Eye. 7" color LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$2,260.00
Triple Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$2,070.00
Camera system: 3rd Eye, installed on body builder cable	Incl.
Protection cages on all cameras.	\$250.00
NOTE: Specify camera locations upon order	NA
Ground level grease points: for tailgate & hopper door hinges	\$1,080.00
Anti-sail bars on rear mudflaps (N/A with tag axle or comingle body)	\$130.00
Clean out tools (broom, hoe & shovel kit including brackets; installed at front-of-body)	\$270.00
Hopper roof to protect against wind, rain or snow (Max Height: 13ft 6") (Not available with roof mounted CNG)	\$1,410.00
Fire extinguisher including brackets & protective bag - 20 lbs.	\$310.00
Liners in entire hopper and body trough, full length, Hardox 450	\$2,860.00
Retainer teeth under breaker bar	\$390.00
Display Signs - 32in H. x 84in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,420.00
Display Signs - 32in H. x 96in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,460.00
Display Signs - 48in H. x 96in L. (N/A on 20 cu.yds CNG roof mount) - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,530.00
Environmental spill kit installed on body	\$280.00
Toolbox: Aluminium, chassis-mounted, size: 24 x 24 x 24 (Location TBD, depending on space availability, Additional charges may apply if chassis components need to be relocated)	\$950.00

VEHICLE:	Automizer - 26 yd. FE			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$117,612.00	\$117,612.00	\$117,612.00	\$117,612.00

Wheelbase modification: Lengthen single axle chassis WB (including longer ABS cable & drive shaft)	\$1,990.00
Wheelbase modification: Shorten single axle chassis WB	\$1,990.00
Wheelbase modification: Lengthen tandem axle chassis WB (including longer ABS cable & drive shaft)	\$2,730.00
Wheelbase modification: Shorten tandem axle chassis	\$2,730.00
Rear Tow Hooks (2)	\$290.00
Telma Axial Mount braking system	\$11,000.00
13.5K Hendrickson Composilite steerable tag axle (including steel wheels and tires)	\$9,000.00
13.5K Hendrickson Composilite steerable tag axle (including aluminum wheels and tires)	\$10,000.00
1 Color Urethane Body Paint (Included in unit base price, Includes bolt-on parts painted body color)	Std
1 Color Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$1,910.00
2 Colors Urethane Body Paint (1 color separation, Includes bolt-on parts painted body color)	\$1,500.00
2 Colors Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$2,900.00
Ziebart undercoating : chassis & body	\$2,270.00
CAUTION THIS VEHICLE STOPS AND BACKS FREQUENTLY, 74.5in x 23.5in	\$190.00
CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY BACK 50 FEET, 65in x 20in	\$190.00
SLOW DOWN TO GET AROUND, 36in x 18in	\$190.00
PLAN A - Add 1 year on body & hydraulics for a total of 2 years (including hydraulic cooler)	\$3,420.00
PLAN B - Add 2 years on hydraulics only for a total of 3 years (including hydraulic cooler)	\$4,660.00
PLAN C - Add 4 years on hydraulic CYLINDERS only for a total of 5 years (hydraulic cooler warranty is 2 year)	\$9,600.00
PLAN D - Add 2 years on hydraulic CYLINDERS only for a total of 3 years (if equipped, hydraulic cooler warranty is 2 year)	\$2,980.00
Extension "C" rails 2.5" x 4" x 2.5" x 0.5" ASTM	Std
Extension "I" beams 5.5" x 2.8125" x 0.75" ASTM	Std
Lifting arms 1" ASTM A514	Std
Cart Compatibility: 32 to 96 gal. Carts	Std
Lift capacities 1,000 lbs.	Std
Arm reach 144"	Std
Arm cycle time 10 sec.	Std
Body Lift Cylinder - Nitrided Multi-Stage- Body Size: 20 yd3: Bore: 6 ½"; Stroke: 150"; Stages: 4; Body Size: 27 yd3: Bore: 7 ½"; Stroke: 180"; Stages: 4; Body Size: 31 yd3: Bore: 8 ½"; Stroke: 204"; Stages: 5	Std
Rod Type Cylinders: Bore x Rod x Stroke; Packer 4" x 2 1/2" x 40"; Tailgate 2 1/2" x 1 3/4" x 39"; Arm extension 1 1/2" x 1" x 54"; Lifting 3" x 1 1/2" x 16"; Grabber 1 1/2" x 1" x 6"	Std



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LABRIE AUTOMIZER AUTOMATED SIDELOADER - 28 YD. FE (Specification #49)</u>			
Amick Equipment Co., Inc.	2016 Labrie Automizer - 28 yd. FE	★Appalachia	\$118,192.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 28 yd. FE	★Dogwood	\$118,192.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 28 yd. FE	★Cardinal	\$118,192.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 28 yd. FE	★Longleaf Pine	\$118,192.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDELoader - 28 YD. FE **SPECIFICATION #49**

2016 Labrie Automizer - 28 yd. FE

Labrie Automizer Minimum Chassis Specifications - Tandem Axle Units; Engine: min 325hp, 1000 lb/ft torque; Allison 3000 or 4000 RDS transmission; GVWR minimum 60,000lbs; Front Axle minimum: 20,000lbs; Rear Axle minimum 40,000 lbs; Effective CA (cab to axle centerline): TBD; After Frame minimum:80"; NOTE: contact body dealer for detailed chassis specifications on each model truck. Chassis specifications must be preapproved by Labrie Engineering prior to order. Call for more information on lift axles if customer requires one.

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY SPECIFICATION

- a. Body floor 8ga Hardox 450 175,000 psi
- b. Lower Body side walls 10ga ASTM A1011 GR 80
- c. Upper Body side walls 12ga ASTM A1011 GR 80
- d. Body roof 12ga ASTM A1011 GR 80

2. HOPPER SPECIFICATIONS

- a. Hopper floor 0.25" Hardox 450 175,000 psi
- b. Hopper upper left 10ga ASTM A1011 CS
- c. Hopper upper right 14ga ASTM A1011 CS
- d. Hopper lower part 0.25" Hardox 450 175,000 psi
- e. Hopper access door 14ga ASTM A1011 CS
- f. Hopper door dimensions 29" x 48"

3. TAILGATE SPECIFICATIONS

- a. Sides and Rear Walls 12ga ASTM A1011 GR 80
- b. Upper tube frame 4" x 4" x 0.1875" A500 Grade C
- c. Bottom tube frame 10" x 4" or 7" x 3" x ¼" A500 Grade C
- d. Framing sides 0.1875" IPSCO AR200

4. PACKER SPECIFICATIONS

- a. Rails wear plates 0.25" Hardox 500
- b. Packer wear shoes 0.25" Hardox 450
- c. Top of packing ram 0.25" CSA G40.21 100 QT
- d. Face plate of packing ram 0.25" CSA G40.21 100 QT
- e. Width of packing ram 65.5"
- f. Height of packing ram 24"
- g. Stroke of packing ram 48"

5. HYDRAULICS

- a. Pump Dual Vane T6DC
- b. Pump flow - packer 20.4 gpm @ 700 rpm
- c. Pump flow - arm 16.3 gpm @ 700 rpm
- d. Hydraulic tank 85 gallons
- e. Hydraulic system pressure 3,000 psi max.

6. BODY DIMENSIONS - 2 AXLE

- a. O.A. length-241"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -294"
- e. O.A. height, dumping position, above frame- 200"
- f. Dumping angle, body -45°

7. BODY DIMENSIONS - 3 AXLE

- a. O.A. length-296"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -344"
- e. O.A. height, dumping position, above frame- 227"
- f. Dumping angle, body -45°

8. STANDARD EQUIPMENT

- a. Operate at idle, dual vane pump
- b. Pack on the go with overspeed protection
- c. Autopack with multicycle packing function (2 to 8 strokes)
- d. Twin clean out doors
- e. Chrome cylinder rods
- f. Side access door to hopper
- g. Multistage sequenced pack/eject cylinder
- h. 70 gal. oil reservoir with temp & sight gauge, shut off valve, clean out trap.
 - i. Tailgate ajar alarm
 - j. Back up alarm
 - k. Body ajar alarm
 - l. Arm not stowed indicator. Buzzer over 5mph
- m. LED lights
- n. Front mount pump, tandem vane
- o. 32-95 gallon automated arm, painted safety yellow
- p. 5 lb. fire extinguisher, first aid kit, flare kit & triangle kit in-cab
- q. Electronic filter in bypass indicator in cab
- r. Quick disconnect ports for pressure gauge
- s. IFM can bus control system
- t. Ergonomic in-cab control panel and joystick
- u. Arm control joystick on console, electro-proportioned for feathering capability
- v. Cushioned arm hydraulics for smooth operation
- w. In-line heavy duty grippers
- x. Marine rust inhibitor treatment on body and primer
- y. One color urethane paint, bolt-on side panels painted gray
- a`. Dual camera/flat screen color 5.6": Backup; 2nd Location top of bulkhead facing hopper
- aa. Sealed roller bearings on packer follower panel
- ab. Smooth body sidewall design
- ac. Positive automatic tailgate locks
- ad. Hour meter on pump
- ae. Complete factory mount
- af. Zinc plated hydraulic tubes
- ag. 5 micron return filter, 100 mesh suction strainer
- ah. Gripper auto-close override
- ai. Mud flaps behind tandems

- aj. Bolt on ICC override bumper
- ak. Hopper door and access ladder w/ pump shut down safety switch
- al. ANSI Z245.1 Compliant
- am. Remote grease zerks for easy greasing of packer cylinder pins

9. STANDARD WARRANTIES

- a. 1 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty
- d. 1 year mobile on-site warranty package



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDELoader - 28 YD. FE SPECIFICATION #49

2016 Labrie Automizer - 28 yd. FE

The Labrie Automizer - 28 yd. FE purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$118,192.00	\$118,192.00	\$118,192.00	\$118,192.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Automizer - 28 yd. FE			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$118,192.00	\$118,192.00	\$118,192.00	\$118,192.00

Order Code	Add Options	All Zones
	Pricing upon request - Please consult vendor for more information.	NA
	Pricing upon request - Please consult vendor for more information.	NA
	Heavy Duty Arm & Grabber	\$3,000.00
	Crusher Panel in Hopper	\$3,550.00
	Auxiliary arm controls: RH-side, in-cab (Mini-joystick style)	\$890.00
	Grabber counting device: counts number of carts dumped	\$240.00
	Spill shield: installed behind grabber	\$330.00
	Arm joystick controls: Dual-side, moveable (N/A on all chassis types)	\$690.00
	Arm joystick controls: Dual joystick (Available on Autocar-Peterbilt-Mack cab-over)	\$1,370.00
	Packer controls on joystick	\$240.00
	Crusher panel control on joystick	\$240.00
	Hydraulic oil heater in tank (Electric 110V)	\$1,070.00
	High pressure filter with dirt alarm	\$1,040.00
	Hydraulic pressure gauge on main valve	\$90.00
	Alarm for hydraulic oil temperature	\$300.00
	Alarm for low hydraulic oil level & hydraulic oil temperature	\$880.00
	Alarm for hydraulic filter replacement on return line	\$510.00
	Packer cylinders hydraulic oil regeneration	\$1,660.00
	Hot-Shift PTO with pump mounted on crossmember	\$2,670.00
	Hydraulic oil cooler	\$2,030.00
	Body control valve: electric-over-hydraulic (ILO std air-over-hydraulic)	\$980.00
	Hour Meter connected to pump switch	\$240.00
	Backup Radar Proximity Detection Safety Alert System - AWTI / Third Eye Brand	\$1,490.00
	Light: CAB MOUNTED amber strobe 6" Beacon - Whelen L10 on cab; in-cab switch; Qty 1	\$450.00
	Light: CAB MOUNTED amber strobe 6" Whelen L41, on cab: in-cab switch; Qty 1	\$580.00
	Lights: amber, alternating, flashing 4" LED in UPPER TAILGATE	\$510.00
	Lights: amber, alternating, flashing 4" LED in FRONT OF BODY	\$510.00
	Back up lights: Qty 2 additional on TAILGATE	\$390.00
	Back up lights: Qty 2 additional on MID BODY RUB RAILS	\$390.00
	ADDITIONAL red, central LED brake light, oval 6	\$760.00
	LED stop, turn & tail lights 4" in UPPER TAILGATE LIGHT BOX	\$760.00
	ARROW STICK Bar Light 48" LED light traffic director: Star Model 59050 in middle of tailgate - in cab switch	\$1,150.00
	Light: amber strobe 6" Whelen L10 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$450.00

VEHICLE:	Automizer - 28 yd. FE			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$118,192.00	\$118,192.00	\$118,192.00	\$118,192.00

Light: amber strobe 6" Whelen L41 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$580.00
High Visibility Lighting Package - Call Labrie Representative for complete description	\$4,090.00
Whelen Light Bar on Tailgate - Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2	\$1,660.00
Multifunction Lights Package - "Smart" style round amber lights (4)	\$940.00
Work light kit: LED single, in-cab single manual switch - 4	\$390.00
Work light kit: LED Dual, in-cab single manual switch - 4	\$580.00
Work light kit: LED triple, in-cab single manual switch	\$870.00
Camera: Dual Safety Vision: 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$3,410.00
Camera: Dual 3rd Eye: 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$1,660.00
Camera: Dual Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,610.00
Triple Safety Vision. 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$4,840.00
Triple 3rd Eye. 7" color LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$2,260.00
Triple Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$2,070.00
Camera system: 3rd Eye, installed on body builder cable	Incl.
Protection cages on all cameras.	\$250.00
NOTE: Specify camera locations upon order	NA
Ground level grease points: for tailgate & hopper door hinges	\$1,080.00
Anti-sail bars on rear mudflaps (N/A with tag axle or comingle body)	\$130.00
Clean out tools (broom, hoe & shovel kit including brackets; installed at front-of-body)	\$270.00
Hopper roof to protect against wind, rain or snow (Max Height: 13ft 6") (Not available with roof mounted CNG)	\$1,410.00
Fire extinguisher including brackets & protective bag - 20 lbs.	\$310.00
Liners in entire hopper and body trough, full length, Hardox 450	\$2,860.00
Retainer teeth under breaker bar	\$390.00
Display Signs - 32in H. x 84in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,420.00
Display Signs - 32in H. x 96in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,460.00
Display Signs - 48in H. x 96in L. (N/A on 20 cu.yds CNG roof mount) - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,530.00
Environmental spill kit installed on body	\$280.00
Toolbox: Aluminium, chassis-mounted, size: 24 x 24 x 24 (Location TBD, depending on space availability, Additional charges may apply if chassis components need to be relocated)	\$950.00

VEHICLE:	Automizer - 28 yd. FE			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$118,192.00	\$118,192.00	\$118,192.00	\$118,192.00

Wheelbase modification: Lengthen single axle chassis WB (including longer ABS cable & drive shaft)	\$1,990.00
Wheelbase modification: Shorten single axle chassis WB	\$1,990.00
Wheelbase modification: Lengthen tandem axle chassis WB (including longer ABS cable & drive shaft)	\$2,730.00
Wheelbase modification: Shorten tandem axle chassis	\$2,730.00
Rear Tow Hooks (2)	\$290.00
Telma Axial Mount braking system	\$11,000.00
13.5K Hendrickson Composilite steerable tag axle (including steel wheels and tires)	\$9,000.00
13.5K Hendrickson Composilite steerable tag axle (including aluminum wheels and tires)	\$10,000.00
1 Color Urethane Body Paint (Included in unit base price, Includes bolt-on parts painted body color)	Std
1 Color Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$1,910.00
2 Colors Urethane Body Paint (1 color separation, Includes bolt-on parts painted body color)	\$1,500.00
2 Colors Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$2,900.00
Ziebart undercoating : chassis & body	\$2,270.00
CAUTION THIS VEHICLE STOPS AND BACKS FREQUENTLY, 74.5in x 23.5in	\$190.00
CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY BACK 50 FEET, 65in x 20in	\$190.00
SLOW DOWN TO GET AROUND, 36in x 18in	\$190.00
PLAN A - Add 1 year on body & hydraulics for a total of 2 years (including hydraulic cooler)	\$3,420.00
PLAN B - Add 2 years on hydraulics only for a total of 3 years (including hydraulic cooler)	\$4,660.00
PLAN C - Add 4 years on hydraulic CYLINDERS only for a total of 5 years (hydraulic cooler warranty is 2 year)	\$9,600.00
PLAN D - Add 2 years on hydraulic CYLINDERS only for a total of 3 years (if equipped, hydraulic cooler warranty is 2 year)	\$2,980.00
Extension "C" rails 2.5" x 4" x 2.5" x 0.5" ASTM	Std
Extension "I" beams 5.5" x 2.8125" x 0.75" ASTM	Std
Lifting arms 1" ASTM A514	Std
Cart Compatibility: 32 to 96 gal. Carts	Std
Lift capacities 1,000 lbs.	Std
Arm reach 144"	Std
Arm cycle time 10 sec.	Std
Body Lift Cylinder - Nitrided Multi-Stage- Body Size: 20 yd3: Bore: 6 ½"; Stroke: 150"; Stages: 4; Body Size: 27 yd3: Bore: 7 ½"; Stroke: 180"; Stages: 4; Body Size: 31 yd3: Bore: 8 ½"; Stroke: 204"; Stages: 5	NA
Rod Type Cylinders: Bore x Rod x Stroke; Packer 4" x 2 1/2" x 40"; Tailgate 2 1/2" x 1 3/4" x 39"; Arm extension 1 1/2" x 1" x 54"; Lifting 3" x 1 1/2" x 16"; Grabber 1 1/2" x 1" x 6"	NA



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LABRIE AUTOMIZER AUTOMATED SIDELOADER - 30 YD. FE (Specification #50)</u>			
Amick Equipment Co., Inc.	2016 Labrie Automizer - 30 yd. FE	★Appalachia	\$118,750.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 30 yd. FE	★Dogwood	\$118,750.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 30 yd. FE	★Cardinal	\$118,750.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 30 yd. FE	★Longleaf Pine	\$118,750.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDELoader - 30 YD. FE **SPECIFICATION #50**

2016 Labrie Automizer - 30 yd. FE

Labrie Automizer Minimum Chassis Specifications - Tandem Axle Units; Engine: min 325hp, 1000 lb/ft torque; Allison 3000 or 4000 RDS transmission; GVWR minimum 60,000lbs; Front Axle minimum: 20,000lbs; Rear Axle minimum 40,000 lbs; Effective CA (cab to axle centerline): TBD; After Frame minimum:80"; NOTE: contact body dealer for detailed chassis specifications on each model truck. Chassis specifications must be preapproved by Labrie Engineering prior to order. Call for more information on lift axles if customer requires one.

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY SPECIFICATION

- a. Body floor 8ga Hardox 450 175,000 psi
- b. Lower Body side walls 10ga ASTM A1011 GR 80
- c. Upper Body side walls 12ga ASTM A1011 GR 80
- d. Body roof 12ga ASTM A1011 GR 80

2. HOPPER SPECIFICATIONS

- a. Hopper floor 0.25" Hardox 450 175,000 psi
- b. Hopper upper left 10ga ASTM A1011 CS
- c. Hopper upper right 14ga ASTM A1011 CS
- d. Hopper lower part 0.25" Hardox 450 175,000 psi
- e. Hopper access door 14ga ASTM A1011 CS
- f. Hopper door dimensions 29" x 48"

3. TAILGATE SPECIFICATIONS

- a. Sides and Rear Walls 12ga ASTM A1011 GR 80
- b. Upper tube frame 4" x 4" x 0.1875" A500 Grade C
- c. Bottom tube frame 10" x 4" or 7" x 3" x ¼" A500 Grade C
- d. Framing sides 0.1875" IPSCO AR200

4. PACKER SPECIFICATIONS

- a. Rails wear plates 0.25" Hardox 500
- b. Packer wear shoes 0.25" Hardox 450
- c. Top of packing ram 0.25" CSA G40.21 100 QT
- d. Face plate of packing ram 0.25" CSA G40.21 100 QT
- e. Width of packing ram 65.5"
- f. Height of packing ram 24"
- g. Stroke of packing ram 48"

5. HYDRAULICS

- a. Pump Dual Vane T6DC
- b. Pump flow - packer 20.4 gpm @ 700 rpm
- c. Pump flow - arm 16.3 gpm @ 700 rpm
- d. Hydraulic tank 85 gallons
- e. Hydraulic system pressure 3,000 psi max.

6. BODY DIMENSIONS - 2 AXLE

- a. O.A. length-241"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -294"
- e. O.A. height, dumping position, above frame- 200"
- f. Dumping angle, body -45°

7. BODY DIMENSIONS - 3 AXLE

- a. O.A. length-296"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -344"
- e. O.A. height, dumping position, above frame- 227"
- f. Dumping angle, body -45°

8. STANDARD EQUIPMENT

- a. Operate at idle, dual vane pump
- b. Pack on the go with overspeed protection
- c. Autopack with multicycle packing function (2 to 8 strokes)
- d. Twin clean out doors
- e. Chrome cylinder rods
- f. Side access door to hopper
- g. Multistage sequenced pack/eject cylinder
- h. 70 gal. oil reservoir with temp & sight gauge, shut off valve, clean out trap.
 - i. Tailgate ajar alarm
 - j. Back up alarm
 - k. Body ajar alarm
 - l. Arm not stowed indicator. Buzzer over 5mph
- m. LED lights
- n. Front mount pump, tandem vane
- o. 32-95 gallon automated arm, painted safety yellow
- p. 5 lb. fire extinguisher, first aid kit, flare kit & triangle kit in-cab
- q. Electronic filter in bypass indicator in cab
- r. Quick disconnect ports for pressure gauge
- s. IFM can bus control system
- t. Ergonomic in-cab control panel and joystick
- u. Arm control joystick on console, electro-proportioned for feathering capability
- v. Cushioned arm hydraulics for smooth operation
- w. In-line heavy duty grippers
- x. Marine rust inhibitor treatment on body and primer
- y. One color urethane paint, bolt-on side panels painted gray
- a`. Dual camera/flat screen color 5.6": Backup; 2nd Location top of bulkhead facing hopper
- aa. Sealed roller bearings on packer follower panel
- ab. Smooth body sidewall design
- ac. Positive automatic tailgate locks
- ad. Hour meter on pump
- ae. Complete factory mount
- af. Zinc plated hydraulic tubes
- ag. 5 micron return filter, 100 mesh suction strainer
- ah. Gripper auto-close override
- ai. Mud flaps behind tandems

- aj. Bolt on ICC override bumper
- ak. Hopper door and access ladder w/ pump shut down safety switch
- al. ANSI Z245.1 Compliant
- am. Remote grease zerks for easy greasing of packer cylinder pins

9. STANDARD WARRANTIES

- a. 1 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty
- d. 1 year mobile on-site warranty package



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDELoader - 30 YD. FE SPECIFICATION #50

2016 Labrie Automizer - 30 yd. FE

The Labrie Automizer - 30 yd. FE purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$118,750.00	\$118,750.00	\$118,750.00	\$118,750.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Automizer - 30 yd. FE			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$118,750.00	\$118,750.00	\$118,750.00	\$118,750.00

Order Code	Add Options	All Zones
	Pricing upon request - Please consult vendor for more information.	NA
	Pricing upon request - Please consult vendor for more information.	NA
	Heavy Duty Arm & Grabber	\$3,000.00
	Crusher Panel in Hopper	\$3,550.00
	Auxiliary arm controls: RH-side, in-cab (Mini-joystick style)	\$890.00
	Grabber counting device: counts number of carts dumped	\$240.00
	Spill shield: installed behind grabber	\$330.00
	Arm joystick controls: Dual-side, moveable (N/A on all chassis types)	\$690.00
	Arm joystick controls: Dual joystick (Available on Autocar-Peterbilt-Mack cab-over)	\$1,370.00
	Packer controls on joystick	\$240.00
	Crusher panel control on joystick	\$240.00
	Hydraulic oil heater in tank (Electric 110V)	\$1,070.00
	High pressure filter with dirt alarm	\$1,040.00
	Hydraulic pressure gauge on main valve	\$90.00
	Alarm for hydraulic oil temperature	\$300.00
	Alarm for low hydraulic oil level & hydraulic oil temperature	\$880.00
	Alarm for hydraulic filter replacement on return line	\$510.00
	Packer cylinders hydraulic oil regeneration	\$1,660.00
	Hot-Shift PTO with pump mounted on crossmember	\$2,670.00
	Hydraulic oil cooler	\$2,030.00
	Body control valve: electric-over-hydraulic (ILO std air-over-hydraulic)	\$980.00
	Hour Meter connected to pump switch	\$240.00
	Backup Radar Proximity Detection Safety Alert System - AWTI / Third Eye Brand	\$1,490.00
	Light: CAB MOUNTED amber strobe 6" Beacon - Whelen L10 on cab; in-cab switch; Qty 1	\$450.00
	Light: CAB MOUNTED amber strobe 6" Whelen L41, on cab: in-cab switch; Qty 1	\$580.00
	Lights: amber, alternating, flashing 4" LED in UPPER TAILGATE	\$510.00
	Lights: amber, alternating, flashing 4" LED in FRONT OF BODY	\$510.00
	Back up lights: Qty 2 additional on TAILGATE	\$390.00
	Back up lights: Qty 2 additional on MID BODY RUB RAILS	\$390.00
	ADDITIONAL red, central LED brake light, oval 6	\$760.00
	LED stop, turn & tail lights 4" in UPPER TAILGATE LIGHT BOX	\$760.00
	ARROW STICK Bar Light 48" LED light traffic director: Star Model 59050 in middle of tailgate - in cab switch	\$1,150.00
	Light: amber strobe 6" Whelen L10 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$450.00

VEHICLE:	Automizer - 30 yd. FE			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$118,750.00	\$118,750.00	\$118,750.00	\$118,750.00

Light: amber strobe 6" Whelen L41 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$580.00
High Visibility Lighting Package - Call Labrie Representative for complete description	\$4,090.00
Whelen Light Bar on Tailgate - Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2	\$1,660.00
Multifunction Lights Package - "Smart" style round amber lights (4)	\$940.00
Work light kit: LED single, in-cab single manual switch - 4	\$390.00
Work light kit: LED Dual, in-cab single manual switch - 4	\$580.00
Work light kit: LED triple, in-cab single manual switch	\$870.00
Camera: Dual Safety Vision: 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$3,410.00
Camera: Dual 3rd Eye: 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$1,660.00
Camera: Dual Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,610.00
Triple Safety Vision. 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$4,840.00
Triple 3rd Eye. 7" color LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$2,260.00
Triple Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$2,070.00
Camera system: 3rd Eye, installed on body builder cable	Incl.
Protection cages on all cameras.	\$250.00
NOTE: Specify camera locations upon order	NA
Ground level grease points: for tailgate & hopper door hinges	\$1,080.00
Anti-sail bars on rear mudflaps (N/A with tag axle or comingle body)	\$130.00
Clean out tools (broom, hoe & shovel kit including brackets; installed at front-of-body)	\$270.00
Hopper roof to protect against wind, rain or snow (Max Height: 13ft 6") (Not available with roof mounted CNG)	\$1,410.00
Fire extinguisher including brackets & protective bag - 20 lbs.	\$310.00
Liners in entire hopper and body trough, full length, Hardox 450	\$2,860.00
Retainer teeth under breaker bar	\$390.00
Display Signs - 32in H. x 84in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,420.00
Display Signs - 32in H. x 96in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,460.00
Display Signs - 48in H. x 96in L. (N/A on 20 cu.yds CNG roof mount) - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,530.00
Environmental spill kit installed on body	\$280.00
Toolbox: Aluminium, chassis-mounted, size: 24 x 24 x 24 (Location TBD, depending on space availability, Additional charges may apply if chassis components need to be relocated)	\$950.00

VEHICLE:	Automizer - 30 yd. FE			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$118,750.00	\$118,750.00	\$118,750.00	\$118,750.00

Wheelbase modification: Lengthen single axle chassis WB (including longer ABS cable & drive shaft)	\$1,990.00
Wheelbase modification: Shorten single axle chassis WB	\$1,990.00
Wheelbase modification: Lengthen tandem axle chassis WB (including longer ABS cable & drive shaft)	\$2,730.00
Wheelbase modification: Shorten tandem axle chassis	\$2,730.00
Rear Tow Hooks (2)	\$290.00
Telma Axial Mount braking system	\$11,000.00
13.5K Hendrickson Composilite steerable tag axle (including steel wheels and tires)	\$9,000.00
13.5K Hendrickson Composilite steerable tag axle (including aluminum wheels and tires)	\$10,000.00
1 Color Urethane Body Paint (Included in unit base price, Includes bolt-on parts painted body color)	Std
1 Color Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$1,910.00
2 Colors Urethane Body Paint (1 color separation, Includes bolt-on parts painted body color)	\$1,500.00
2 Colors Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$2,900.00
Ziebart undercoating : chassis & body	\$2,270.00
CAUTION THIS VEHICLE STOPS AND BACKS FREQUENTLY, 74.5in x 23.5in	\$190.00
CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY BACK 50 FEET, 65in x 20in	\$190.00
SLOW DOWN TO GET AROUND, 36in x 18in	\$190.00
PLAN A - Add 1 year on body & hydraulics for a total of 2 years (including hydraulic cooler)	\$3,420.00
PLAN B - Add 2 years on hydraulics only for a total of 3 years (including hydraulic cooler)	\$4,660.00
PLAN C - Add 4 years on hydraulic CYLINDERS only for a total of 5 years (hydraulic cooler warranty is 2 year)	\$9,600.00
PLAN D - Add 2 years on hydraulic CYLINDERS only for a total of 3 years (if equipped, hydraulic cooler warranty is 2 year)	\$2,980.00
Extension "C" rails 2.5" x 4" x 2.5" x 0.5" ASTM	Std
Extension "I" beams 5.5" x 2.8125" x 0.75" ASTM	Std
Lifting arms 1" ASTM A514	Std
Cart Compatibility: 32 to 96 gal. Carts	Std
Lift capacities 1,000 lbs.	Std
Arm reach 144"	Std
Arm cycle time 10 sec.	Std
Body Lift Cylinder - Nitrided Multi-Stage- Body Size: 20 yd3: Bore: 6 ½"; Stroke: 150"; Stages: 4; Body Size: 27 yd3: Bore: 7 ½"; Stroke: 180"; Stages: 4; Body Size: 31 yd3: Bore: 8 ½"; Stroke: 204"; Stages: 5	Std
Rod Type Cylinders: Bore x Rod x Stroke; Packer 4" x 2 1/2" x 40"; Tailgate 2 1/2" x 1 3/4" x 39"; Arm extension 1 1/2" x 1" x 54"; Lifting 3" x 1 1/2" x 16"; Grabber 1 1/2" x 1" x 6"	Std



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LABRIE AUTOMIZER AUTOMATED SIDELOADER - 32 YD. FE (Specification #51)</u>			
Amick Equipment Co., Inc.	2016 Labrie Automizer - 32 yd. FE	★Appalachia	\$119,304.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 32 yd. FE	★Dogwood	\$119,304.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 32 yd. FE	★Cardinal	\$119,304.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 32 yd. FE	★Longleaf Pine	\$119,304.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDELoader - 32 YD. FE **SPECIFICATION #51**

2016 Labrie Automizer - 32 yd. FE

Labrie Automizer Minimum Chassis Specifications - Tandem Axle Units; Engine: min 325hp, 1000 lb/ft torque; Allison 3000 or 4000 RDS transmission; GVWR minimum 60,000lbs; Front Axle minimum: 20,000lbs; Rear Axle minimum 40,000 lbs; Effective CA (cab to axle centerline): TBD; After Frame minimum:80"; NOTE: contact body dealer for detailed chassis specifications on each model truck. Chassis specifications must be preapproved by Labrie Engineering prior to order. Call for more information on lift axles if customer requires one.

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY SPECIFICATION

- a. Body floor 8ga Hardox 450 175,000 psi
- b. Lower Body side walls 10ga ASTM A1011 GR 80
- c. Upper Body side walls 12ga ASTM A1011 GR 80
- d. Body roof 12ga ASTM A1011 GR 80

2. HOPPER SPECIFICATIONS

- a. Hopper floor 0.25" Hardox 450 175,000 psi
- b. Hopper upper left 10ga ASTM A1011 CS
- c. Hopper upper right 14ga ASTM A1011 CS
- d. Hopper lower part 0.25" Hardox 450 175,000 psi
- e. Hopper access door 14ga ASTM A1011 CS
- f. Hopper door dimensions 29" x 48"

3. TAILGATE SPECIFICATIONS

- a. Sides and Rear Walls 12ga ASTM A1011 GR 80
- b. Upper tube frame 4" x 4" x 0.1875" A500 Grade C
- c. Bottom tube frame 10" x 4" or 7" x 3" x ¼" A500 Grade C
- d. Framing sides 0.1875" IPSCO AR200

4. PACKER SPECIFICATIONS

- a. Rails wear plates 0.25" Hardox 500
- b. Packer wear shoes 0.25" Hardox 450
- c. Top of packing ram 0.25" CSA G40.21 100 QT
- d. Face plate of packing ram 0.25" CSA G40.21 100 QT
- e. Width of packing ram 65.5"
- f. Height of packing ram 24"
- g. Stroke of packing ram 48"

5. HYDRAULICS

- a. Pump Dual Vane T6DC
- b. Pump flow - packer 20.4 gpm @ 700 rpm
- c. Pump flow - arm 16.3 gpm @ 700 rpm
- d. Hydraulic tank 85 gallons
- e. Hydraulic system pressure 3,000 psi max.

6. BODY DIMENSIONS - 2 AXLE

- a. O.A. length-241"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -294"
- e. O.A. height, dumping position, above frame- 200"
- f. Dumping angle, body -45°

7. BODY DIMENSIONS - 3 AXLE

- a. O.A. length-296"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -344"
- e. O.A. height, dumping position, above frame- 227"
- f. Dumping angle, body -45°

8. STANDARD EQUIPMENT

- a. Operate at idle, dual vane pump
- b. Pack on the go with overspeed protection
- c. Autopack with multicycle packing function (2 to 8 strokes)
- d. Twin clean out doors
- e. Chrome cylinder rods
- f. Side access door to hopper
- g. Multistage sequenced pack/eject cylinder
- h. 70 gal. oil reservoir with temp & sight gauge, shut off valve, clean out trap.
 - i. Tailgate ajar alarm
 - j. Back up alarm
 - k. Body ajar alarm
 - l. Arm not stowed indicator. Buzzer over 5mph
- m. LED lights
- n. Front mount pump, tandem vane
- o. 32-95 gallon automated arm, painted safety yellow
- p. 5 lb. fire extinguisher, first aid kit, flare kit & triangle kit in-cab
- q. Electronic filter in bypass indicator in cab
- r. Quick disconnect ports for pressure gauge
- s. IFM can bus control system
- t. Ergonomic in-cab control panel and joystick
- u. Arm control joystick on console, electro-proportioned for feathering capability
- v. Cushioned arm hydraulics for smooth operation
- w. In-line heavy duty grippers
- x. Marine rust inhibitor treatment on body and primer
- y. One color urethane paint, bolt-on side panels painted gray
- a`. Dual camera/flat screen color 5.6": Backup; 2nd Location top of bulkhead facing hopper
- aa. Sealed roller bearings on packer follower panel
- ab. Smooth body sidewall design
- ac. Positive automatic tailgate locks
- ad. Hour meter on pump
- ae. Complete factory mount
- af. Zinc plated hydraulic tubes
- ag. 5 micron return filter, 100 mesh suction strainer
- ah. Gripper auto-close override
- ai. Mud flaps behind tandems

- aj. Bolt on ICC override bumper
- ak. Hopper door and access ladder w/ pump shut down safety switch
- al. ANSI Z245.1 Compliant
- am. Remote grease zerks for easy greasing of packer cylinder pins

9. STANDARD WARRANTIES

- a. 1 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty
- d. 1 year mobile on-site warranty package



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDELoader - 32 YD. FE SPECIFICATION #51

2016 Labrie Automizer - 32 yd. FE

The Labrie Automizer - 32 yd. FE purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$119,304.00	\$119,304.00	\$119,304.00	\$119,304.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Automizer - 32 yd. FE			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$119,304.00	\$119,304.00	\$119,304.00	\$119,304.00

Order Code	Add Options	All Zones
	Pricing upon request - Please consult vendor for more information.	NA
	Pricing upon request - Please consult vendor for more information.	NA
	Heavy Duty Arm & Grabber	\$3,000.00
	Crusher Panel in Hopper	\$3,550.00
	Auxiliary arm controls: RH-side, in-cab (Mini-joystick style)	\$890.00
	Grabber counting device: counts number of carts dumped	\$240.00
	Spill shield: installed behind grabber	\$330.00
	Arm joystick controls: Dual-side, moveable (N/A on all chassis types)	\$690.00
	Arm joystick controls: Dual joystick (Available on Autocar-Peterbilt-Mack cab-over)	\$1,370.00
	Packer controls on joystick	\$240.00
	Crusher panel control on joystick	\$240.00
	Hydraulic oil heater in tank (Electric 110V)	\$1,070.00
	High pressure filter with dirt alarm	\$1,040.00
	Hydraulic pressure gauge on main valve	\$90.00
	Alarm for hydraulic oil temperature	\$300.00
	Alarm for low hydraulic oil level & hydraulic oil temperature	\$880.00
	Alarm for hydraulic filter replacement on return line	\$510.00
	Packer cylinders hydraulic oil regeneration	\$1,660.00
	Hot-Shift PTO with pump mounted on crossmember	\$2,670.00
	Hydraulic oil cooler	\$2,030.00
	Body control valve: electric-over-hydraulic (ILO std air-over-hydraulic)	\$980.00
	Hour Meter connected to pump switch	\$240.00
	Backup Radar Proximity Detection Safety Alert System - AWTI / Third Eye Brand	\$1,490.00
	Light: CAB MOUNTED amber strobe 6" Beacon - Whelen L10 on cab; in-cab switch; Qty 1	\$450.00
	Light: CAB MOUNTED amber strobe 6" Whelen L41, on cab: in-cab switch; Qty 1	\$580.00
	Lights: amber, alternating, flashing 4" LED in UPPER TAILGATE	\$510.00
	Lights: amber, alternating, flashing 4" LED in FRONT OF BODY	\$510.00
	Back up lights: Qty 2 additional on TAILGATE	\$390.00
	Back up lights: Qty 2 additional on MID BODY RUB RAILS	\$390.00
	ADDITIONAL red, central LED brake light, oval 6	\$760.00
	LED stop, turn & tail lights 4" in UPPER TAILGATE LIGHT BOX	\$760.00
	ARROW STICK Bar Light 48" LED light traffic director: Star Model 59050 in middle of tailgate - in cab switch	\$1,150.00
	Light: amber strobe 6" Whelen L10 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$450.00

VEHICLE:	Automizer - 32 yd. FE			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$119,304.00	\$119,304.00	\$119,304.00	\$119,304.00

Light: amber strobe 6" Whelen L41 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$580.00
High Visibility Lighting Package - Call Labrie Representative for complete description	\$4,090.00
Whelen Light Bar on Tailgate - Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2	\$1,660.00
Multifunction Lights Package - "Smart" style round amber lights (4)	\$940.00
Work light kit: LED single, in-cab single manual switch - 4	\$390.00
Work light kit: LED Dual, in-cab single manual switch - 4	\$580.00
Work light kit: LED triple, in-cab single manual switch	\$870.00
Camera: Dual Safety Vision: 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$3,410.00
Camera: Dual 3rd Eye: 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$1,660.00
Camera: Dual Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,610.00
Triple Safety Vision. 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$4,840.00
Triple 3rd Eye. 7" color LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$2,260.00
Triple Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$2,070.00
Camera system: 3rd Eye, installed on body builder cable	Incl.
Protection cages on all cameras.	\$250.00
NOTE: Specify camera locations upon order	NA
Ground level grease points: for tailgate & hopper door hinges	\$1,080.00
Anti-sail bars on rear mudflaps (N/A with tag axle or comingle body)	\$130.00
Clean out tools (broom, hoe & shovel kit including brackets; installed at front-of-body)	\$270.00
Hopper roof to protect against wind, rain or snow (Max Height: 13ft 6") (Not available with roof mounted CNG)	\$1,410.00
Fire extinguisher including brackets & protective bag - 20 lbs.	\$310.00
Liners in entire hopper and body trough, full length, Hardox 450	\$2,860.00
Retainer teeth under breaker bar	\$390.00
Display Signs - 32in H. x 84in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,420.00
Display Signs - 32in H. x 96in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,460.00
Display Signs - 48in H. x 96in L. (N/A on 20 cu.yds CNG roof mount) - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,530.00
Environmental spill kit installed on body	\$280.00
Toolbox: Aluminium, chassis-mounted, size: 24 x 24 x 24 (Location TBD, depending on space availability, Additional charges may apply if chassis components need to be relocated)	\$950.00

VEHICLE:	Automizer - 32 yd. FE			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$119,304.00	\$119,304.00	\$119,304.00	\$119,304.00

Wheelbase modification: Lengthen single axle chassis WB (including longer ABS cable & drive shaft)	\$1,990.00
Wheelbase modification: Shorten single axle chassis WB	\$1,990.00
Wheelbase modification: Lengthen tandem axle chassis WB (including longer ABS cable & drive shaft)	\$2,730.00
Wheelbase modification: Shorten tandem axle chassis	\$2,730.00
Rear Tow Hooks (2)	\$290.00
Telma Axial Mount braking system	\$11,000.00
13.5K Hendrickson Composilite steerable tag axle (including steel wheels and tires)	\$9,000.00
13.5K Hendrickson Composilite steerable tag axle (including aluminum wheels and tires)	\$10,000.00
1 Color Urethane Body Paint (Included in unit base price, Includes bolt-on parts painted body color)	Std
1 Color Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$1,910.00
2 Colors Urethane Body Paint (1 color separation, Includes bolt-on parts painted body color)	\$1,500.00
2 Colors Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$2,900.00
Ziebart undercoating : chassis & body	\$2,270.00
CAUTION THIS VEHICLE STOPS AND BACKS FREQUENTLY, 74.5in x 23.5in	\$190.00
CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY BACK 50 FEET, 65in x 20in	\$190.00
SLOW DOWN TO GET AROUND, 36in x 18in	\$190.00
PLAN A - Add 1 year on body & hydraulics for a total of 2 years (including hydraulic cooler)	\$3,420.00
PLAN B - Add 2 years on hydraulics only for a total of 3 years (including hydraulic cooler)	\$4,660.00
PLAN C - Add 4 years on hydraulic CYLINDERS only for a total of 5 years (hydraulic cooler warranty is 2 year)	\$9,600.00
PLAN D - Add 2 years on hydraulic CYLINDERS only for a total of 3 years (if equipped, hydraulic cooler warranty is 2 year)	\$2,980.00
Extension "C" rails 2.5" x 4" x 2.5" x 0.5" ASTM	Std
Extension "I" beams 5.5" x 2.8125" x 0.75" ASTM	Std
Lifting arms 1" ASTM A514	Std
Cart Compatibility: 32 to 96 gal. Carts	Std
Lift capacities 1,000 lbs.	Std
Arm reach 144"	Std
Arm cycle time 10 sec.	Std
Body Lift Cylinder - Nitrided Multi-Stage- Body Size: 20 yd3: Bore: 6 ½"; Stroke: 150"; Stages: 4; Body Size: 27 yd3: Bore: 7 ½"; Stroke: 180"; Stages: 4; Body Size: 31 yd3: Bore: 8 ½"; Stroke: 204"; Stages: 5	Std
Rod Type Cylinders: Bore x Rod x Stroke; Packer 4" x 2 1/2" x 40"; Tailgate 2 1/2" x 1 3/4" x 39"; Arm extension 1 1/2" x 1" x 54"; Lifting 3" x 1 1/2" x 16"; Grabber 1 1/2" x 1" x 6"	Std



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LABRIE AUTOMIZER AUTOMATED SIDELOADER- 20 YD. TTD (Specification #52)</u>			
Amick Equipment Co., Inc.	2016 Labrie Automizer - 20yd TTD	★Appalachia	\$107,335.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 20yd TTD	★Dogwood	\$107,335.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 20yd TTD	★Cardinal	\$107,335.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 20yd TTD	★Longleaf Pine	\$107,335.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDeloader- 20 YD. TTD **SPECIFICATION #52**

2016 Labrie Automizer - 20yd TTD

Labrie Automizer Minimum Chassis Specifications - SINGLE AXLE UNITS; Engine: Min. 300HP, 850 lb/ft Torque; Allison 3000 RDS transmission; GVWR, Minimum: 44,000 lbs.; Front Axle, Minimum: 18,000 lbs.; Rear axle, Minimum: 26,000 lbs.; Effective CA (cab to Axle centerline): TBD; After Frame, Minimum: 68"; NOTE: Contact body dealer for detailed chassis specifications on each model truck. Chassis specifications must be preapproved by Labrie Engineering prior to order. Call for information on lift axles if customer requires one.

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY SPECIFICATION

- a. Body floor 8ga Hardox 450 175,000 psi
- b. Lower Body side walls 10ga ASTM A1011 GR 80
- c. Upper Body side walls 12ga ASTM A1011 GR 80
- d. Body roof 12ga ASTM A1011 GR 80

2. HOPPER SPECIFICATIONS

- a. Hopper floor 0.25" Hardox 450 175,000 psi
- b. Hopper upper left 10ga ASTM A1011 CS
- c. Hopper upper right 14ga ASTM A1011 CS
- d. Hopper lower part 0.25" Hardox 450 175,000 psi
- e. Hopper access door 14ga ASTM A1011 CS
- f. Hopper door dimensions 29" x 48"

3. TAILGATE SPECIFICATIONS

- a. Sides and Rear Walls 12ga ASTM A1011 GR 80
- b. Upper tube frame 4" x 4" x 0.1875" A500 Grade C
- c. Bottom tube frame 10" x 4" or 7" x 3" x ¼" A500 Grade C
- d. Framing sides 0.1875" IPSCO AR200

4. PACKER SPECIFICATIONS

- a. Rails wear plates 0.25" Hardox 500
- b. Packer wear shoes 0.25" Hardox 450
- c. Top of packing ram 0.25" CSA G40.21 100 QT
- d. Face plate of packing ram 0.25" CSA G40.21 100 QT
- e. Width of packing ram 65.5"
- f. Height of packing ram 24"
- g. Stroke of packing ram 48"

5. HYDRAULICS

- a. Pump Dual Vane T6DC
- b. Pump flow - packer 20.4 gpm @ 700 rpm
- c. Pump flow - arm 16.3 gpm @ 700 rpm
- d. Hydraulic tank 85 gallons
- e. Hydraulic system pressure 3,000 psi max.

6. BODY DIMENSIONS - 2 AXLE

- a. O.A. length-241"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -294"
- e. O.A. height, dumping position, above frame- 200"
- f. Dumping angle, body -45°

7. BODY DIMENSIONS - 3 AXLE

- a. O.A. length-296"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -344"
- e. O.A. height, dumping position, above frame- 227"
- f. Dumping angle, body -45°

8. STANDARD EQUIPMENT

- a. Operate at idle, dual vane pump
- b. Pack on the go with overspeed protection
- c. Autopack with multicycle packing function (2 to 8 strokes)
- d. Twin clean out doors
- e. Chrome cylinder rods
- f. Side access door to hopper
- g. Nitrided telescopic single hoist cylinder
- h. 70 gal. oil reservoir with temp & sight gauge, shut off valve, clean out trap.
 - i. Tailgate ajar alarm
 - j. Back up alarm
 - k. Body ajar alarm
 - l. Arm not stowed indicator. Buzzer over 5mph
- m. LED lights
- n. Front mount pump, tandem vane
- o. 32-95 gallon automated arm, painted safety yellow
- p. 5 lb. fire extinguisher, first aid kit, flare kit & triangle kit in-cab
- q. Electronic filter in bypass indicator in cab
- r. Quick disconnect ports for pressure gauge
- s. IFM can bus control system
- t. Ergonomic in-cab control panel and joystick
- u. Arm control joystick on console, electro-proportioned for feathering capability
- v. Cushioned arm hydraulics for smooth operation
- w. In-line heavy duty grippers
- x. Marine rust inhibitor treatment on body and primer
- y. One color urethane paint, bolt-on side panels painted gray
- a`. Dual camera/flat screen color 5.6": Backup; 2nd Location top of bulkhead facing hopper
- aa. Sealed roller bearings on packer follower panel
- ab. Smooth body sidewall design
- ac. Positive automatic tailgate locks
- ad. Hour meter on pump
- ae. Complete factory mount
- af. Zinc plated hydraulic tubes
- ag. 5 micron return filter, 100 mesh suction strainer
- ah. Gripper auto-close override
- ai. Mud flaps behind tandems

- aj. Bolt on ICC override bumper
- ak. Hopper door and access ladder w/ pump shut down safety switch
- al. ANSI Z245.1 Compliant
- am. Remote grease zerks for easy greasing of packer cylinder pins

9. STANDARD WARRANTIES

- a. 1 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty
- d. 1 year mobile on-site warranty package



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDELoader- 20 YD. TTD SPECIFICATION #52

2016 Labrie Automizer - 20yd TTD

The Labrie Automizer - 20yd TTD purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$107,335.00	\$107,335.00	\$107,335.00	\$107,335.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Automizer - 20yd TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$107,335.00	\$107,335.00	\$107,335.00	\$107,335.00

Order Code	Add Options	All Zones
	Pricing upon request - Please consult vendor for more information.	NA
	Pricing upon request - Please consult vendor for more information.	NA
	Heavy Duty Arm & Grabber	\$3,000.00
	Crusher Panel in Hopper	\$3,550.00
	Auxiliary arm controls: RH-side, in-cab (Mini-joystick style)	\$890.00
	Grabber counting device: counts number of carts dumped	\$240.00
	Spill shield: installed behind grabber	\$330.00
	Arm joystick controls: Dual-side, moveable (N/A on all chassis types)	\$690.00
	Arm joystick controls: Dual joystick (Available on Autocar-Peterbilt-Mack cab-over)	\$1,370.00
	Packer controls on joystick	\$240.00
	Crusher panel control on joystick	\$240.00
	Hydraulic oil heater in tank (Electric 110V)	\$1,070.00
	High pressure filter with dirt alarm	\$1,040.00
	Hydraulic pressure gauge on main valve	\$90.00
	Alarm for hydraulic oil temperature	\$360.00
	Alarm for low hydraulic oil level & hydraulic oil temperature	\$880.00
	Alarm for hydraulic filter replacement on return line	\$510.00
	Packer cylinders hydraulic oil regeneration	\$1,660.00
	Hot-Shift PTO with pump mounted on crossmember	\$2,670.00
	Hydraulic oil cooler	\$2,030.00
	Body control valve: electric-over-hydraulic (ILO std air-over-hydraulic)	\$980.00
	Hour Meter connected to pump switch	\$240.00
	Backup Radar Proximity Detection Safety Alert System - AWTI / Third Eye Brand	\$1,490.00
	Light: CAB MOUNTED amber strobe 6" Beacon - Whelen L10 on cab; in-cab switch; Qty 1	\$450.00
	Light: CAB MOUNTED amber strobe 6" Whelen L41, on cab: in-cab switch; Qty 1	\$580.00
	Lights: amber, alternating, flashing 4" LED in UPPER TAILGATE	\$510.00
	Lights: amber, alternating, flashing 4" LED in FRONT OF BODY	\$510.00
	Back up lights: Qty 2 additional on TAILGATE	\$390.00
	Back up lights: Qty 2 additional on MID BODY RUB RAILS	\$580.00
	ADDITIONAL red, central LED brake light, oval 6	\$760.00
	LED stop, turn & tail lights 4" in UPPER TAILGATE LIGHT BOX	\$760.00
	ARROW STICK Bar Light 48" LED light traffic director: Star Model 59050 in middle of tailgate - in cab switch	\$1,150.00
1	Light: amber strobe 6" Whelen L10 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$450.00 ¹

VEHICLE:	Automizer - 20yd TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$107,335.00	\$107,335.00	\$107,335.00	\$107,335.00

Light: amber strobe 6" Whelen L41 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$580.00
High Visibility Lighting Package - Call Labrie Representative for complete description	\$4,090.00
Whelen Light Bar on Tailgate - Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2	\$1,660.00
Multifunction Lights Package - "Smart" style round amber lights (4)	\$940.00
Work light kit: LED single, in-cab single manual switch - 4	\$390.00
Work light kit: LED Dual, in-cab single manual switch - 4	\$580.00
Work light kit: LED triple, in-cab single manual switch	\$870.00
Camera: Dual Safety Vision: 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$3,410.00
Camera: Dual 3rd Eye: 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$1,660.00
Camera: Dual Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,610.00
Triple Safety Vision. 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$4,840.00
Triple 3rd Eye. 7" color LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$2,260.00
Triple Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$2,070.00
Camera system: 3rd Eye, installed on body builder cable	Incl.
Protection cages on all cameras.	\$250.00
NOTE: Specify camera locations upon order	NA
Ground level grease points: for tailgate & hopper door hinges	\$1,080.00
Anti-sail bars on rear mudflaps (N/A with tag axle or comingle body)	\$130.00
Clean out tools (broom, hoe & shovel kit including brackets; installed at front-of-body)	\$270.00
Hopper roof to protect against wind, rain or snow (Max Height: 13ft 6") (Not available with roof mounted CNG)	\$1,410.00
Fire extinguisher including brackets & protective bag - 20 lbs.	\$310.00
Hopper floor liner: 0.250 - Highly recommended for recycling collection.	\$970.00
Hopper side wall liners: 4mm Hardox 450 steel - Highly recommended for recycling collection	\$720.00
Body floor liner at front-of-body: 0.160"	\$800.00
Body floor liner, full length: 0.160"	\$2,300.00
Body Side Wall liners: 1/8"	\$300.00
Retainer teeth under breaker bar	\$390.00
Display Signs - 32in H. x 84in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,420.00
Display Signs - 32in H. x 96in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,460.00
Display Signs - 48in H. x 96in L. (N/A on 20 cu.yds CNG roof mount) - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,530.00

VEHICLE:	Automizer - 20yd TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$107,335.00	\$107,335.00	\$107,335.00	\$107,335.00

Environmental spill kit installed on body	\$280.00
Toolbox: Aluminium, chassis-mounted, size: 24 x 24 x 24 (Location TBD, depending on space availability, Additional charges may apply if chassis components need to be relocated)	\$950.00
Wheelbase modification: Lengthen single axle chassis WB (including longer ABS cable & drive shaft)	\$1,990.00
Wheelbase modification: Shorten single axle chassis WB	\$1,990.00
Wheelbase modification: Lengthen tandem axle chassis WB (including longer ABS cable & drive shaft)	\$2,730.00
Wheelbase modification: Shorten tandem axle chassis	\$2,730.00
Rear Tow Hooks (2)	\$290.00
Telma Axial Mount braking system	\$11,000.00
13.5K Hendrickson Composilite steerable tag axle (including steel wheels and tires)	\$9,000.00
13.5K Hendrickson Composilite steerable tag axle (including aluminum wheels and tires)	\$10,000.00
1 Color Urethane Body Paint (Included in unit base price, Includes bolt-on parts painted body color)	Std
1 Color Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$1,910.00
2 Colors Urethane Body Paint (1 color separation, Includes bolt-on parts painted body color)	\$1,500.00
2 Colors Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$2,900.00
Ziebart undercoating : chassis & body	\$2,270.00
CAUTION THIS VEHICLE STOPS AND BACKS FREQUENTLY, 74.5in x 23.5in	\$190.00
CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY BACK 50 FEET, 65in x 20in	\$190.00
SLOW DOWN TO GET AROUND, 36in x 18in	\$190.00
PLAN A - Add 1 year on body & hydraulics for a total of 2 years (including hydraulic cooler)	\$3,420.00
PLAN B - Add 2 years on hydraulics only for a total of 3 years (including hydraulic cooler)	\$4,660.00
PLAN C - Add 4 years on hydraulic CYLINDERS only for a total of 5 years (hydraulic cooler warranty is 2 year)	\$8,500.00
PLAN D - Add 2 years on hydraulic CYLINDERS only for a total of 3 years (if equipped, hydraulic cooler warranty is 2 year)	\$2,550.00
Extension "C" rails 2.5" x 4" x 2.5" x 0.5" ASTM	Std
Extension "I" beams 5.5" x 2.8125" x 0.75" ASTM	Std
Lifting arms 1" ASTM A514	Std
Cart Compatibility: 32 to 96 gal. Carts	Std
Lift capacities 1,000 lbs.	Std
Arm reach 144"	Std
Arm cycle time 10 sec.	Std
Body Lift Cylinder - Nitrided Multi-Stage- Body Size: 20 yd3: Bore: 6 ½"; Stroke: 150"; Stages: 4; Body Size: 27 yd3: Bore: 7 ½"; Stroke: 180"; Stages: 4; Body Size: 31 yd3: Bore: 8 ½"; Stroke: 204"; Stages: 5	Std

VEHICLE:	Automizer - 20yd TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$107,335.00	\$107,335.00	\$107,335.00	\$107,335.00

Rod Type Cylinders: Bore x Rod x Stroke; Packer 4" x 2 1/2" x 40"; Tailgate 2 1/2" x 1 3/4" x 39"; Arm extension 1 1/2" x 1" x 54"; Lifting 3" x 1 1/2" x 16"; Grabber 1 1/2" x 1" x 6"

Std



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LABRIE AUTOMIZER AUTOMATED SIDELOADER- 22 YD. TTD (Specification #53)</u>			
Amick Equipment Co., Inc.	2016 Labrie Automizer - 22yd TTD	★Appalachia	\$107,907.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 22yd TTD	★Dogwood	\$107,907.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 22yd TTD	★Cardinal	\$107,907.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 22yd TTD	★Longleaf Pine	\$107,907.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDeloader- 22 YD. TTD **SPECIFICATION #53**

2016 Labrie Automizer - 22yd TTD

Labrie Automizer Minimum Chassis Specifications - SINGLE AXLE UNITS;
Engine: Min. 300HP, 850 lb/ft Torque; Allison 3000 RDS transmission;
GVWR, Minimum: 42,000 lbs.; Front Axle, Minimum: 18,000 lbs.; Rear
axle, Minimum: 26,000 lbs.; Effective CA (cab to Axle centerline):
TBD; After Frame, Minimum: 68"; NOTE: Contact body dealer for
detailed chassis specifications on each model truck. Chassis
specifications must be preapproved by Labrie Engineering prior to
order. Call for information on lift axles if customer requires one.

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY SPECIFICATION

- a. Body floor 8ga Hardox 450 175,000 psi
- b. Lower Body side walls 10ga ASTM A1011 GR 80
- c. Upper Body side walls 12ga ASTM A1011 GR 80
- d. Body roof 12ga ASTM A1011 GR 80

2. HOPPER SPECIFICATIONS

- a. Hopper floor 0.25" Hardox 450 175,000 psi
- b. Hopper upper left 10ga ASTM A1011 CS
- c. Hopper upper right 14ga ASTM A1011 CS
- d. Hopper lower part 0.25" Hardox 450 175,000 psi
- e. Hopper access door 14ga ASTM A1011 CS
- f. Hopper door dimensions 29" x 48"

3. TAILGATE SPECIFICATIONS

- a. Sides and Rear Walls 12ga ASTM A1011 GR 80
- b. Upper tube frame 4" x 4" x 0.1875" A500 Grade C
- c. Bottom tube frame 10" x 4" or 7" x 3" x ¼" A500 Grade C
- d. Framing sides 0.1875" IPSCO AR200

4. PACKER SPECIFICATIONS

- a. Rails wear plates 0.25" Hardox 500
- b. Packer wear shoes 0.25" Hardox 450
- c. Top of packing ram 0.25" CSA G40.21 100 QT
- d. Face plate of packing ram 0.25" CSA G40.21 100 QT
- e. Width of packing ram 65.5"
- f. Height of packing ram 24"
- g. Stroke of packing ram 48"

5. HYDRAULICS

- a. Pump Dual Vane T6DC
- b. Pump flow - packer 20.4 gpm @ 700 rpm
- c. Pump flow - arm 16.3 gpm @ 700 rpm
- d. Hydraulic tank 85 gallons
- e. Hydraulic system pressure 3,000 psi max.

6. BODY DIMENSIONS - 2 AXLE

- a. O.A. length-241"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -294"
- e. O.A. height, dumping position, above frame- 200"
- f. Dumping angle, body -45°

7. BODY DIMENSIONS - 3 AXLE

- a. O.A. length-296"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -344"
- e. O.A. height, dumping position, above frame- 227"
- f. Dumping angle, body -45°

8. STANDARD EQUIPMENT

- a. Operate at idle, dual vane pump
- b. Pack on the go with overspeed protection
- c. Autopack with multicycle packing function (2 to 8 strokes)
- d. Twin clean out doors
- e. Chrome cylinder rods
- f. Side access door to hopper
- g. Nitrided telescopic single hoist cylinder
- h. 70 gal. oil reservoir with temp & sight gauge, shut off valve, clean out trap.
- i. Tailgate ajar alarm
- j. Back up alarm
- k. Body ajar alarm
- l. Arm not stowed indicator. Buzzer over 5mph
- m. LED lights
- n. Front mount pump, tandem vane
- o. 32-95 gallon automated arm, painted safety yellow
- p. 5 lb. fire extinguisher, first aid kit, flare kit & triangle kit in-cab
- q. Electronic filter in bypass indicator in cab
- r. Quick disconnect ports for pressure gauge
- s. IFM can bus control system
- t. Ergonomic in-cab control panel and joystick
- u. Arm control joystick on console, electro-proportioned for feathering capability
- v. Cushioned arm hydraulics for smooth operation
- w. In-line heavy duty grippers
- x. Marine rust inhibitor treatment on body and primer
- y. One color urethane paint, bolt-on side panels painted gray
- a`. Dual camera/flat screen color 5.6": Backup; 2nd Location top of bulkhead facing hopper
- aa. Sealed roller bearings on packer follower panel
- ab. Smooth body sidewall design
- ac. Positive automatic tailgate locks
- ad. Hour meter on pump
- ae. Complete factory mount
- af. Zinc plated hydraulic tubes
- ag. 5 micron return filter, 100 mesh suction strainer
- ah. Gripper auto-close override
- ai. Mud flaps behind tandems

- aj. Bolt on ICC override bumper
- ak. Hopper door and access ladder w/ pump shut down safety switch
- al. ANSI Z245.1 Compliant
- am. Remote grease zerks for easy greasing of packer cylinder pins

9. STANDARD WARRANTIES

- a. 1 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty
- d. 1 year mobile on-site warranty package



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDELoader- 22 YD. TTD SPECIFICATION #53

2016 Labrie Automizer - 22yd TTD

The Labrie Automizer - 22yd TTD purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$107,907.00	\$107,907.00	\$107,907.00	\$107,907.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Automizer - 22yd TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$107,907.00	\$107,907.00	\$107,907.00	\$107,907.00

Order Code	Add Options	All Zones
	Pricing upon request - Please consult vendor for more information.	NA
	Pricing upon request - Please consult vendor for more information.	NA
	Heavy Duty Arm & Grabber	\$3,000.00
	Crusher Panel in Hopper	\$3,550.00
	Auxiliary arm controls: RH-side, in-cab (Mini-joystick style)	\$890.00
	Grabber counting device: counts number of carts dumped	\$240.00
	Spill shield: installed behind grabber	\$330.00
	Arm joystick controls: Dual-side, moveable (N/A on all chassis types)	\$690.00
	Arm joystick controls: Dual joystick (Available on Autocar-Peterbilt-Mack cab-over)	\$1,370.00
	Packer controls on joystick	\$240.00
	Crusher panel control on joystick	\$240.00
	Hydraulic oil heater in tank (Electric 110V)	\$1,070.00
	High pressure filter with dirt alarm	\$1,040.00
	Hydraulic pressure gauge on main valve	\$90.00
	Alarm for hydraulic oil temperature	\$360.00
	Alarm for low hydraulic oil level & hydraulic oil temperature	\$880.00
	Alarm for hydraulic filter replacement on return line	\$510.00
	Packer cylinders hydraulic oil regeneration	\$1,660.00
	Hot-Shift PTO with pump mounted on crossmember	\$2,670.00
	Hydraulic oil cooler	\$2,030.00
	Body control valve: electric-over-hydraulic (ILO std air-over-hydraulic)	\$980.00
	Hour Meter connected to pump switch	\$240.00
	Backup Radar Proximity Detection Safety Alert System - AWTI / Third Eye Brand	\$1,490.00
	Light: CAB MOUNTED amber strobe 6" Beacon - Whelen L10 on cab; in-cab switch; Qty 1	\$450.00
	Light: CAB MOUNTED amber strobe 6" Whelen L41, on cab: in-cab switch; Qty 1	\$580.00
	Lights: amber, alternating, flashing 4" LED in UPPER TAILGATE	\$510.00
	Lights: amber, alternating, flashing 4" LED in FRONT OF BODY	\$510.00
	Back up lights: Qty 2 additional on TAILGATE	\$390.00
	Back up lights: Qty 2 additional on MID BODY RUB RAILS	\$580.00
	ADDITIONAL red, central LED brake light, oval 6	\$760.00
	LED stop, turn & tail lights 4" in UPPER TAILGATE LIGHT BOX	\$760.00
	ARROW STICK Bar Light 48" LED light traffic director: Star Model 59050 in middle of tailgate - in cab switch	\$1,150.00
	Light: amber strobe 6" Whelen L10 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$450.00

VEHICLE:	Automizer - 22yd TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$107,907.00	\$107,907.00	\$107,907.00	\$107,907.00

Light: amber strobe 6" Whelen L41 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$580.00
High Visibility Lighting Package - Call Labrie Representative for complete description	\$4,090.00
Whelen Light Bar on Tailgate - Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2	\$1,660.00
Multifunction Lights Package - "Smart" style round amber lights (4)	\$940.00
Work light kit: LED single, in-cab single manual switch - 4	\$390.00
Work light kit: LED Dual, in-cab single manual switch - 4	\$580.00
Work light kit: LED triple, in-cab single manual switch	\$870.00
Camera: Dual Safety Vision: 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$3,410.00
Camera: Dual 3rd Eye: 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$1,660.00
Camera: Dual Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,610.00
Triple Safety Vision. 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$4,840.00
Triple 3rd Eye. 7" color LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$2,260.00
Triple Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$2,070.00
Camera system: 3rd Eye, installed on body builder cable	Incl.
Protection cages on all cameras.	\$250.00
NOTE: Specify camera locations upon order	NA
Ground level grease points: for tailgate & hopper door hinges	\$1,080.00
Anti-sail bars on rear mudflaps (N/A with tag axle or comingle body)	\$130.00
Clean out tools (broom, hoe & shovel kit including brackets; installed at front-of-body)	\$270.00
Hopper roof to protect against wind, rain or snow (Max Height: 13ft 6") (Not available with roof mounted CNG)	\$1,410.00
Fire extinguisher including brackets & protective bag - 20 lbs.	\$310.00
Hopper floor liner: 0.250 - Highly recommended for recycling collection.	\$970.00
Hopper side wall liners: 4mm Hardox 450 steel - Highly recommended for recycling collection	\$720.00
Body floor liner at front-of-body: 0.160"	\$800.00
Body floor liner, full length: 0.160"	\$2,300.00
Body Side Wall liners: 1/8"	\$300.00
Retainer teeth under breaker bar	\$390.00
Display Signs - 32in H. x 84in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,420.00
Display Signs - 32in H. x 96in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,460.00
Display Signs - 48in H. x 96in L. (N/A on 20 cu.yds CNG roof mount) - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,530.00

VEHICLE:	Automizer - 22yd TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$107,907.00	\$107,907.00	\$107,907.00	\$107,907.00

Environmental spill kit installed on body	\$280.00
Toolbox: Aluminium, chassis-mounted, size: 24 x 24 x 24 (Location TBD, depending on space availability, Additional charges may apply if chassis components need to be relocated)	\$950.00
Wheelbase modification: Lengthen single axle chassis WB (including longer ABS cable & drive shaft)	\$1,990.00
Wheelbase modification: Shorten single axle chassis WB	\$1,990.00
Wheelbase modification: Lengthen tandem axle chassis WB (including longer ABS cable & drive shaft)	\$2,730.00
Wheelbase modification: Shorten tandem axle chassis	\$2,730.00
Rear Tow Hooks (2)	\$290.00
Telma Axial Mount braking system	\$11,000.00
13.5K Hendrickson Composilite steerable tag axle (including steel wheels and tires)	\$9,000.00
13.5K Hendrickson Composilite steerable tag axle (including aluminum wheels and tires)	\$10,000.00
1 Color Urethane Body Paint (Included in unit base price, Includes bolt-on parts painted body color)	Std
1 Color Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$1,910.00
2 Colors Urethane Body Paint (1 color separation, Includes bolt-on parts painted body color)	\$1,500.00
2 Colors Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$2,900.00
Ziebart undercoating : chassis & body	\$2,270.00
CAUTION THIS VEHICLE STOPS AND BACKS FREQUENTLY, 74.5in x 23.5in	\$190.00
CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY BACK 50 FEET, 65in x 20in	\$190.00
SLOW DOWN TO GET AROUND, 36in x 18in	\$190.00
PLAN A - Add 1 year on body & hydraulics for a total of 2 years (including hydraulic cooler)	\$3,420.00
PLAN B - Add 2 years on hydraulics only for a total of 3 years (including hydraulic cooler)	\$4,660.00
PLAN C - Add 4 years on hydraulic CYLINDERS only for a total of 5 years (hydraulic cooler warranty is 2 year)	\$8,500.00
PLAN D - Add 2 years on hydraulic CYLINDERS only for a total of 3 years (if equipped, hydraulic cooler warranty is 2 year)	\$2,550.00
Extension "C" rails 2.5" x 4" x 2.5" x 0.5" ASTM	Std
Extension "I" beams 5.5" x 2.8125" x 0.75" ASTM	Std
Lifting arms 1" ASTM A514	Std
Cart Compatibility: 32 to 96 gal. Carts	Std
Lift capacities 1,000 lbs.	Std
Arm reach 144"	Std
Arm cycle time 10 sec.	Std
Body Lift Cylinder - Nitrided Multi-Stage- Body Size: 20 yd3: Bore: 6 ½"; Stroke: 150"; Stages: 4; Body Size: 27 yd3: Bore: 7 ½"; Stroke: 180"; Stages: 4; Body Size: 31 yd3: Bore: 8 ½"; Stroke: 204"; Stages: 5	Std

VEHICLE:	Automizer - 22yd TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$107,907.00	\$107,907.00	\$107,907.00	\$107,907.00

Rod Type Cylinders: Bore x Rod x Stroke; Packer 4" x 2 1/2" x 40"; Tailgate 2 1/2" x 1 3/4" x 39"; Arm extension 1 1/2" x 1" x 54"; Lifting 3" x 1 1/2" x 16"; Grabber 1 1/2" x 1" x 6"

Std



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LABRIE AUTOMIZER AUTOMATED SIDELOADER- 24 YD. TTD (Specification #54)</u>			
Amick Equipment Co., Inc.	2016 Labrie Automizer - 24 yd. TTD	★Appalachia	\$108,480.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 24 yd. TTD	★Dogwood	\$108,480.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 24 yd. TTD	★Cardinal	\$108,480.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 24 yd. TTD	★Longleaf Pine	\$108,480.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDeloader- 24 YD. TTD **SPECIFICATION #54**

2016 Labrie Automizer - 24 yd. TTD

Labrie Automizer Minimum Chassis Specifications - SINGLE AXLE UNITS; Engine: Min. 300HP, 850 lb/ft Torque; Allison 3000 RDS transmission; GVWR, Minimum: 42,000 lbs.; Front Axle, Minimum: 18,000 lbs.; Rear axle, Minimum: 26,000 lbs.; Effective CA (cab to Axle centerline): TBD; After Frame, Minimum: 68"; NOTE: Contact body dealer for detailed chassis specifications on each model truck. Chassis specifications must be preapproved by Labrie Engineering prior to order. Call for information on lift axles if customer requires one.

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY SPECIFICATION

- a. Body floor 8ga Hardox 450 175,000 psi
- b. Lower Body side walls 10ga ASTM A1011 GR 80
- c. Upper Body side walls 12ga ASTM A1011 GR 80
- d. Body roof 12ga ASTM A1011 GR 80

2. HOPPER SPECIFICATIONS

- a. Hopper floor 0.25" Hardox 450 175,000 psi
- b. Hopper upper left 10ga ASTM A1011 CS
- c. Hopper upper right 14ga ASTM A1011 CS
- d. Hopper lower part 0.25" Hardox 450 175,000 psi
- e. Hopper access door 14ga ASTM A1011 CS
- f. Hopper door dimensions 29" x 48"

3. TAILGATE SPECIFICATIONS

- a. Sides and Rear Walls 12ga ASTM A1011 GR 80
- b. Upper tube frame 4" x 4" x 0.1875" A500 Grade C
- c. Bottom tube frame 10" x 4" or 7" x 3" x ¼" A500 Grade C
- d. Framing sides 0.1875" IPSCO AR200

4. PACKER SPECIFICATIONS

- a. Rails wear plates 0.25" Hardox 500
- b. Packer wear shoes 0.25" Hardox 450
- c. Top of packing ram 0.25" CSA G40.21 100 QT
- d. Face plate of packing ram 0.25" CSA G40.21 100 QT
- e. Width of packing ram 65.5"
- f. Height of packing ram 24"
- g. Stroke of packing ram 48"

5. HYDRAULICS

- a. Pump Dual Vane T6DC
- b. Pump flow - packer 20.4 gpm @ 700 rpm
- c. Pump flow - arm 16.3 gpm @ 700 rpm
- d. Hydraulic tank 85 gallons
- e. Hydraulic system pressure 3,000 psi max.

6. BODY DIMENSIONS - 2 AXLE

- a. O.A. length-241"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -294"
- e. O.A. height, dumping position, above frame- 200"
- f. Dumping angle, body -45°

7. BODY DIMENSIONS - 3 AXLE

- a. O.A. length-296"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -344"
- e. O.A. height, dumping position, above frame- 227"
- f. Dumping angle, body -45°

8. STANDARD EQUIPMENT

- a. Operate at idle, dual vane pump
- b. Pack on the go with overspeed protection
- c. Autopack with multicycle packing function (2 to 8 strokes)
- d. Twin clean out doors
- e. Chrome cylinder rods
- f. Side access door to hopper
- g. Nitrided telescopic single hoist cylinder
- h. 70 gal. oil reservoir with temp & sight gauge, shut off valve, clean out trap.
- i. Tailgate ajar alarm
- j. Back up alarm
- k. Body ajar alarm
- l. Arm not stowed indicator. Buzzer over 5mph
- m. LED lights
- n. Front mount pump, tandem vane
- o. 32-95 gallon automated arm, painted safety yellow
- p. 5 lb. fire extinguisher, first aid kit, flare kit & triangle kit in-cab
- q. Electronic filter in bypass indicator in cab
- r. Quick disconnect ports for pressure gauge
- s. IFM can bus control system
- t. Ergonomic in-cab control panel and joystick
- u. Arm control joystick on console, electro-proportioned for feathering capability
- v. Cushioned arm hydraulics for smooth operation
- w. In-line heavy duty grippers
- x. Marine rust inhibitor treatment on body and primer
- y. One color urethane paint, bolt-on side panels painted gray
- a`. Dual camera/flat screen color 5.6": Backup; 2nd Location top of bulkhead facing hopper
- aa. Sealed roller bearings on packer follower panel
- ab. Smooth body sidewall design
- ac. Positive automatic tailgate locks
- ad. Hour meter on pump
- ae. Complete factory mount
- af. Zinc plated hydraulic tubes
- ag. 5 micron return filter, 100 mesh suction strainer
- ah. Gripper auto-close override
- ai. Mud flaps behind tandems

- aj. Bolt on ICC override bumper
- ak. Hopper door and access ladder w/ pump shut down safety switch
- al. ANSI Z245.1 Compliant
- am. Remote grease zerks for easy greasing of packer cylinder pins

9. STANDARD WARRANTIES

- a. 1 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty
- d. 1 year mobile on-site warranty package



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDELoader- 24 YD. TTD SPECIFICATION #54

2016 Labrie Automizer - 24 yd. TTD

The Labrie Automizer - 24 yd. TTD purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$108,480.00	\$108,480.00	\$108,480.00	\$108,480.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Automizer - 24 yd. TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$108,480.00	\$108,480.00	\$108,480.00	\$108,480.00

Order Code	Add Options	All Zones
	Pricing upon request - Please consult vendor for more information.	NA
	Pricing upon request - Please consult vendor for more information.	NA
	Heavy Duty Arm & Grabber	\$3,000.00
	Crusher Panel in Hopper	\$3,550.00
	Auxiliary arm controls: RH-side, in-cab (Mini-joystick style)	\$890.00
	Grabber counting device: counts number of carts dumped	\$240.00
	Spill shield: installed behind grabber	\$330.00
	Arm joystick controls: Dual-side, moveable (N/A on all chassis types)	\$690.00
	Arm joystick controls: Dual joystick (Available on Autocar-Peterbilt-Mack cab-over)	\$1,370.00
	Packer controls on joystick	\$240.00
	Crusher panel control on joystick	\$240.00
	Hydraulic oil heater in tank (Electric 110V)	\$1,070.00
	High pressure filter with dirt alarm	\$1,040.00
	Hydraulic pressure gauge on main valve	\$90.00
	Alarm for hydraulic oil temperature	\$360.00
	Alarm for low hydraulic oil level & hydraulic oil temperature	\$880.00
	Alarm for hydraulic filter replacement on return line	\$510.00
	Packer cylinders hydraulic oil regeneration	\$1,660.00
	Hot-Shift PTO with pump mounted on crossmember	\$2,670.00
	Hydraulic oil cooler	\$2,030.00
	Body control valve: electric-over-hydraulic (ILO std air-over-hydraulic)	\$980.00
	Hour Meter connected to pump switch	\$240.00
	Backup Radar Proximity Detection Safety Alert System - AWTI / Third Eye Brand	\$1,490.00
	Light: CAB MOUNTED amber strobe 6" Beacon - Whelen L10 on cab; in-cab switch; Qty 1	\$450.00
	Light: CAB MOUNTED amber strobe 6" Whelen L41, on cab: in-cab switch; Qty 1	\$580.00
	Lights: amber, alternating, flashing 4" LED in UPPER TAILGATE	\$510.00
	Lights: amber, alternating, flashing 4" LED in FRONT OF BODY	\$510.00
	Back up lights: Qty 2 additional on TAILGATE	\$390.00
	Back up lights: Qty 2 additional on MID BODY RUB RAILS	\$580.00
	ADDITIONAL red, central LED brake light, oval 6	\$760.00
	LED stop, turn & tail lights 4" in UPPER TAILGATE LIGHT BOX	\$760.00
	ARROW STICK Bar Light 48" LED light traffic director: Star Model 59050 in middle of tailgate - in cab switch	\$1,150.00
	Light: amber strobe 6" Whelen L10 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$450.00

VEHICLE:	Automizer - 24 yd. TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$108,480.00	\$108,480.00	\$108,480.00	\$108,480.00

Light: amber strobe 6" Whelen L41 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$580.00
High Visibility Lighting Package - Call Labrie Representative for complete description	\$4,090.00
Whelen Light Bar on Tailgate - Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2	\$1,660.00
Multifunction Lights Package - "Smart" style round amber lights (4)	\$940.00
Work light kit: LED single, in-cab single manual switch - 4	\$390.00
Work light kit: LED Dual, in-cab single manual switch - 4	\$580.00
Work light kit: LED triple, in-cab single manual switch	\$870.00
Camera: Dual Safety Vision: 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$3,410.00
Camera: Dual 3rd Eye: 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$1,660.00
Camera: Dual Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,610.00
Triple Safety Vision. 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$4,840.00
Triple 3rd Eye. 7" color LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$2,260.00
Triple Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$2,070.00
Camera system: 3rd Eye, installed on body builder cable	Incl.
Protection cages on all cameras.	\$250.00
NOTE: Specify camera locations upon order	NA
Ground level grease points: for tailgate & hopper door hinges	\$1,080.00
Anti-sail bars on rear mudflaps (N/A with tag axle or comingle body)	\$130.00
Clean out tools (broom, hoe & shovel kit including brackets; installed at front-of-body)	\$270.00
Hopper roof to protect against wind, rain or snow (Max Height: 13ft 6") (Not available with roof mounted CNG)	\$1,410.00
Fire extinguisher including brackets & protective bag - 20 lbs.	\$310.00
Hopper floor liner: 0.250 - Highly recommended for recycling collection.	\$970.00
Hopper side wall liners: 4mm Hardox 450 steel - Highly recommended for recycling collection	\$720.00
Body floor liner at front-of-body: 0.160"	\$800.00
Body floor liner, full length: 0.160"	\$2,300.00
Body Side Wall liners: 1/8"	\$300.00
Retainer teeth under breaker bar	\$390.00
Display Signs - 32in H. x 84in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,420.00
Display Signs - 32in H. x 96in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,460.00
Display Signs - 48in H. x 96in L. (N/A on 20 cu.yds CNG roof mount) - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,530.00

VEHICLE:	Automizer - 24 yd. TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$108,480.00	\$108,480.00	\$108,480.00	\$108,480.00

Environmental spill kit installed on body	\$280.00
Toolbox: Aluminium, chassis-mounted, size: 24 x 24 x 24 (Location TBD, depending on space availability, Additional charges may apply if chassis components need to be relocated)	\$950.00
Wheelbase modification: Lengthen single axle chassis WB (including longer ABS cable & drive shaft)	\$1,990.00
Wheelbase modification: Shorten single axle chassis WB	\$1,990.00
Wheelbase modification: Lengthen tandem axle chassis WB (including longer ABS cable & drive shaft)	\$2,730.00
Wheelbase modification: Shorten tandem axle chassis	\$2,730.00
Rear Tow Hooks (2)	\$290.00
Telma Axial Mount braking system	\$11,000.00
13.5K Hendrickson Composilite steerable tag axle (including steel wheels and tires)	\$9,000.00
13.5K Hendrickson Composilite steerable tag axle (including aluminum wheels and tires)	\$10,000.00
1 Color Urethane Body Paint (Included in unit base price, Includes bolt-on parts painted body color)	Std
1 Color Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$1,910.00
2 Colors Urethane Body Paint (1 color separation, Includes bolt-on parts painted body color)	\$1,500.00
2 Colors Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$2,900.00
Ziebart undercoating : chassis & body	\$2,270.00
CAUTION THIS VEHICLE STOPS AND BACKS FREQUENTLY, 74.5in x 23.5in	\$190.00
CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY BACK 50 FEET, 65in x 20in	\$190.00
SLOW DOWN TO GET AROUND, 36in x 18in	\$190.00
PLAN A - Add 1 year on body & hydraulics for a total of 2 years (including hydraulic cooler)	\$3,420.00
PLAN B - Add 2 years on hydraulics only for a total of 3 years (including hydraulic cooler)	\$4,660.00
PLAN C - Add 4 years on hydraulic CYLINDERS only for a total of 5 years (hydraulic cooler warranty is 2 year)	\$8,500.00
PLAN D - Add 2 years on hydraulic CYLINDERS only for a total of 3 years (if equipped, hydraulic cooler warranty is 2 year)	\$2,550.00
Extension "C" rails 2.5" x 4" x 2.5" x 0.5" ASTM	Std
Extension "I" beams 5.5" x 2.8125" x 0.75" ASTM	Std
Lifting arms 1" ASTM A514	Std
Cart Compatibility: 32 to 96 gal. Carts	Std
Lift capacities 1,000 lbs.	Std
Arm reach 144"	Std
Arm cycle time 10 sec.	Std
Body Lift Cylinder - Nitrided Multi-Stage- Body Size: 20 yd3: Bore: 6 ½"; Stroke: 150"; Stages: 4; Body Size: 27 yd3: Bore: 7 ½"; Stroke: 180"; Stages: 4; Body Size: 31 yd3: Bore: 8 ½"; Stroke: 204"; Stages: 5	Std

VEHICLE:	Automizer - 24 yd. TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$108,480.00	\$108,480.00	\$108,480.00	\$108,480.00

Rod Type Cylinders: Bore x Rod x Stroke; Packer 4" x 2 1/2" x 40"; Tailgate 2 1/2" x 1 3/4" x 39"; Arm extension 1 1/2" x 1" x 54"; Lifting 3" x 1 1/2" x 16"; Grabber 1 1/2" x 1" x 6"

Std



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LABRIE AUTOMIZER AUTOMATED SIDELOADER- 27 YD. TTD (Specification #55)</u>			
Amick Equipment Co., Inc.	2016 Labrie Automizer - 27 yd TTD	★Appalachia	\$108,544.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 27 yd TTD	★Dogwood	\$108,544.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 27 yd TTD	★Cardinal	\$108,544.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 27 yd TTD	★Longleaf Pine	\$108,544.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDeloader- 27 YD. TTD **SPECIFICATION #55**

2016 Labrie Automizer - 27 yd TTD

Labrie Automizer Minimum Chassis Specifications - TANDEM AXLE UNITS;
Engine: Min. 325HP, 1000 lb/ft Torque; Allison 3000 or 4000 RDS
transmission; GVWR, Minimum: 60,000 lbs.; Front Axle, Minimum: 20,000
lbs.; Rear axle, Minimum: 40,000 lbs.; Effective CA (cab to Axle
centerline): TBD; After Frame, Minimum: 80"; NOTE: Contact body
dealer for detailed chassis specifications on each model truck.
Chassis specifications must be preapproved by Labrie Engineering
prior to order. Call for information on lift axles if customer
requires one.

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY SPECIFICATION

- a. Body floor 8ga Hardox 450 175,000 psi
- b. Lower Body side walls 10ga ASTM A1011 GR 80
- c. Upper Body side walls 12ga ASTM A1011 GR 80
- d. Body roof 12ga ASTM A1011 GR 80

2. HOPPER SPECIFICATIONS

- a. Hopper floor 0.25" Hardox 450 175,000 psi
- b. Hopper upper left 10ga ASTM A1011 CS
- c. Hopper upper right 14ga ASTM A1011 CS
- d. Hopper lower part 0.25" Hardox 450 175,000 psi
- e. Hopper access door 14ga ASTM A1011 CS
- f. Hopper door dimensions 29" x 48"

3. TAILGATE SPECIFICATIONS

- a. Sides and Rear Walls 12ga ASTM A1011 GR 80
- b. Upper tube frame 4" x 4" x 0.1875" A500 Grade C
- c. Bottom tube frame 10" x 4" or 7" x 3" x ¼" A500 Grade C
- d. Framing sides 0.1875" IPSCO AR200

4. PACKER SPECIFICATIONS

- a. Rails wear plates 0.25" Hardox 500
- b. Packer wear shoes 0.25" Hardox 450
- c. Top of packing ram 0.25" CSA G40.21 100 QT
- d. Face plate of packing ram 0.25" CSA G40.21 100 QT
- e. Width of packing ram 65.5"
- f. Height of packing ram 24"

g. Stroke of packing ram 48"

5. HYDRAULICS

- a. Pump Dual Vane T6DC
- b. Pump flow - packer 20.4 gpm @ 700 rpm
- c. Pump flow - arm 16.3 gpm @ 700 rpm
- d. Hydraulic tank 85 gallons
- e. Hydraulic system pressure 3,000 psi max.

6. BODY DIMENSIONS - 2 AXLE

- a. O.A. length-241"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -294"
- e. O.A. height, dumping position, above frame- 200"
- f. Dumping angle, body -45°

7. BODY DIMENSIONS - 3 AXLE

- a. O.A. length-296"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -344"
- e. O.A. height, dumping position, above frame- 227"
- f. Dumping angle, body -45°

8. STANDARD EQUIPMENT

- a. Operate at idle, dual vane pump
- b. Pack on the go with overspeed protection
- c. Autopack with multicycle packing function (2 to 8 strokes)
- d. Twin clean out doors
- e. Chrome cylinder rods
- f. Side access door to hopper
- g. Nitrided telescopic single hoist cylinder
- h. 70 gal. oil reservoir with temp & sight gauge, shut off valve, clean out trap.
- i. Tailgate ajar alarm
- j. Back up alarm
- k. Body ajar alarm
- l. Arm not stowed indicator. Buzzer over 5mph
- m. LED lights
- n. Front mount pump, tandem vane
- o. 32-95 gallon automated arm, painted safety yellow
- p. 5 lb. fire extinguisher, first aid kit, flare kit & triangle kit in-cab
- q. Electronic filter in bypass indicator in cab
- r. Quick disconnect ports for pressure gauge
- s. IFM can bus control system
- t. Ergonomic in-cab control panel and joystick
- u. Arm control joystick on console, electro-proportioned for feathering capability
- v. Cushioned arm hydraulics for smooth operation
- w. In-line heavy duty grippers
- x. Marine rust inhibitor treatment on body and primer
- y. One color urethane paint, bolt-on side panels painted gray
- a`. Dual camera/flat screen color 5.6": Backup; 2nd Location top of bulkhead facing hopper
- aa. Sealed roller bearings on packer follower panel
- ab. Smooth body sidewall design
- ac. Positive automatic tailgate locks
- ad. Hour meter on pump
- ae. Complete factory mount
- af. Zinc plated hydraulic tubes
- ag. 5 micron return filter, 100 mesh suction strainer
- ah. Gripper auto-close override

- ai. Mud flaps behind tandems
- aj. Bolt on ICC underride bumper
- ak. Hopper door and access ladder w/ pump shut down safety switch
- al. ANSI Z245.1 Compliant
- am. Remote grease zerks for easy greasing of packer cylinder pins

9. STANDARD WARRANTIES

- a. 1 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty
- d. 1 year mobile on-site warranty package



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDELoader- 27 YD. TTD SPECIFICATION #55

2016 Labrie Automizer - 27 yd TTD

The Labrie Automizer - 27 yd TTD purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$108,544.00	\$108,544.00	\$108,544.00	\$108,544.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Automizer - 27 yd TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$108,544.00	\$108,544.00	\$108,544.00	\$108,544.00

Order Code	Add Options	All Zones
	Pricing upon request - Please consult vendor for more information.	NA
	Pricing upon request - Please consult vendor for more information.	NA
	Heavy Duty Arm & Grabber	\$3,000.00
	Crusher Panel in Hopper	\$3,550.00
	Auxiliary arm controls: RH-side, in-cab (Mini-joystick style)	\$890.00
	Grabber counting device: counts number of carts dumped	\$240.00
	Spill shield: installed behind grabber	\$330.00
	Arm joystick controls: Dual-side, moveable (N/A on all chassis types)	\$690.00
	Arm joystick controls: Dual joystick (Available on Autocar-Peterbilt-Mack cab-over)	\$1,370.00
	Packer controls on joystick	\$240.00
	Crusher panel control on joystick	\$240.00
	Hydraulic oil heater in tank (Electric 110V)	\$1,070.00
	High pressure filter with dirt alarm	\$1,040.00
	Hydraulic pressure gauge on main valve	\$90.00
	Alarm for hydraulic oil temperature	\$360.00
	Alarm for low hydraulic oil level & hydraulic oil temperature	\$880.00
	Alarm for hydraulic filter replacement on return line	\$510.00
	Packer cylinders hydraulic oil regeneration	\$1,660.00
	Hot-Shift PTO with pump mounted on crossmember	\$2,670.00
	Hydraulic oil cooler	\$2,030.00
	Body control valve: electric-over-hydraulic (ILO std air-over-hydraulic)	\$980.00
	Hour Meter connected to pump switch	\$240.00
	Backup Radar Proximity Detection Safety Alert System - AWTI / Third Eye Brand	\$1,490.00
	Light: CAB MOUNTED amber strobe 6" Beacon - Whelen L10 on cab; in-cab switch; Qty 1	\$450.00
	Light: CAB MOUNTED amber strobe 6" Whelen L41, on cab: in-cab switch; Qty 1	\$580.00
	Lights: amber, alternating, flashing 4" LED in UPPER TAILGATE	\$510.00
	Lights: amber, alternating, flashing 4" LED in FRONT OF BODY	\$510.00
	Back up lights: Qty 2 additional on TAILGATE	\$390.00
	Back up lights: Qty 2 additional on MID BODY RUB RAILS	\$580.00
	ADDITIONAL red, central LED brake light, oval 6	\$760.00
	LED stop, turn & tail lights 4" in UPPER TAILGATE LIGHT BOX	\$760.00
	ARROW STICK Bar Light 48" LED light traffic director: Star Model 59050 in middle of tailgate - in cab switch	\$1,150.00
	Light: amber strobe 6" Whelen L10 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$450.00

VEHICLE:	Automizer - 27 yd TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$108,544.00	\$108,544.00	\$108,544.00	\$108,544.00

Light: amber strobe 6" Whelen L41 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$580.00
High Visibility Lighting Package - Call Labrie Representative for complete description	\$4,090.00
Whelen Light Bar on Tailgate - Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2	\$1,660.00
Multifunction Lights Package - "Smart" style round amber lights (4)	\$940.00
Work light kit: LED single, in-cab single manual switch - 4	\$390.00
Work light kit: LED Dual, in-cab single manual switch - 4	\$580.00
Work light kit: LED triple, in-cab single manual switch	\$870.00
Camera: Dual Safety Vision: 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$3,410.00
Camera: Dual 3rd Eye: 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$1,660.00
Camera: Dual Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,610.00
Triple Safety Vision. 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$4,840.00
Triple 3rd Eye. 7" color LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$2,260.00
Triple Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$2,070.00
Camera system: 3rd Eye, installed on body builder cable	Incl.
Protection cages on all cameras.	\$250.00
NOTE: Specify camera locations upon order	NA
Ground level grease points: for tailgate & hopper door hinges	\$1,080.00
Anti-sail bars on rear mudflaps (N/A with tag axle or comingle body)	\$130.00
Clean out tools (broom, hoe & shovel kit including brackets; installed at front-of-body)	\$270.00
Hopper roof to protect against wind, rain or snow (Max Height: 13ft 6") (Not available with roof mounted CNG)	\$1,410.00
Fire extinguisher including brackets & protective bag - 20 lbs.	\$310.00
Hopper floor liner: 0.250 - Highly recommended for recycling collection.	\$970.00
Hopper side wall liners: 4mm Hardox 450 steel - Highly recommended for recycling collection	\$720.00
Body floor liner at front-of-body: 0.160"	\$800.00
Body floor liner, full length: 0.160"	\$2,300.00
Body Side Wall liners: 1/8"	\$300.00
Retainer teeth under breaker bar	\$390.00
Display Signs - 32in H. x 84in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,420.00
Display Signs - 32in H. x 96in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,460.00
Display Signs - 48in H. x 96in L. (N/A on 20 cu.yds CNG roof mount) - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,530.00

VEHICLE:	Automizer - 27 yd TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$108,544.00	\$108,544.00	\$108,544.00	\$108,544.00

Environmental spill kit installed on body	\$280.00
Toolbox: Aluminium, chassis-mounted, size: 24 x 24 x 24 (Location TBD, depending on space availability, Additional charges may apply if chassis components need to be relocated)	\$950.00
Wheelbase modification: Lengthen single axle chassis WB (including longer ABS cable & drive shaft)	\$1,990.00
Wheelbase modification: Shorten single axle chassis WB	\$1,990.00
Wheelbase modification: Lengthen tandem axle chassis WB (including longer ABS cable & drive shaft)	\$2,730.00
Wheelbase modification: Shorten tandem axle chassis	\$2,730.00
Rear Tow Hooks (2)	\$290.00
Telma Axial Mount braking system	\$11,000.00
13.5K Hendrickson Composilite steerable tag axle (including steel wheels and tires)	\$9,000.00
13.5K Hendrickson Composilite steerable tag axle (including aluminum wheels and tires)	\$10,000.00
1 Color Urethane Body Paint (Included in unit base price, Includes bolt-on parts painted body color)	Std
1 Color Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$1,910.00
2 Colors Urethane Body Paint (1 color separation, Includes bolt-on parts painted body color)	\$1,500.00
2 Colors Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$2,900.00
Ziebart undercoating : chassis & body	\$2,270.00
CAUTION THIS VEHICLE STOPS AND BACKS FREQUENTLY, 74.5in x 23.5in	\$190.00
CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY BACK 50 FEET, 65in x 20in	\$190.00
SLOW DOWN TO GET AROUND, 36in x 18in	\$190.00
PLAN A - Add 1 year on body & hydraulics for a total of 2 years (including hydraulic cooler)	\$3,420.00
PLAN B - Add 2 years on hydraulics only for a total of 3 years (including hydraulic cooler)	\$4,660.00
PLAN C - Add 4 years on hydraulic CYLINDERS only for a total of 5 years (hydraulic cooler warranty is 2 year)	\$8,500.00
PLAN D - Add 2 years on hydraulic CYLINDERS only for a total of 3 years (if equipped, hydraulic cooler warranty is 2 year)	\$2,550.00
Extension "C" rails 2.5" x 4" x 2.5" x 0.5" ASTM	Std
Extension "I" beams 5.5" x 2.8125" x 0.75" ASTM	Std
Lifting arms 1" ASTM A514	Std
Cart Compatibility: 32 to 96 gal. Carts	Std
Lift capacities 1,000 lbs.	Std
Arm reach 144"	Std
Arm cycle time 10 sec.	Std
Body Lift Cylinder - Nitrided Multi-Stage- Body Size: 20 yd3: Bore: 6 ½"; Stroke: 150"; Stages: 4; Body Size: 27 yd3: Bore: 7 ½"; Stroke: 180"; Stages: 4; Body Size: 31 yd3: Bore: 8 ½"; Stroke: 204"; Stages: 5	Std

VEHICLE:	Automizer - 27 yd TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$108,544.00	\$108,544.00	\$108,544.00	\$108,544.00

Rod Type Cylinders: Bore x Rod x Stroke; Packer 4" x 2 1/2" x 40"; Tailgate 2 1/2" x 1 3/4" x 39"; Arm extension 1 1/2" x 1" x 54"; Lifting 3" x 1 1/2" x 16"; Grabber 1 1/2" x 1" x 6"

Std



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LABRIE AUTOMIZER AUTOMATED SIDELOADER- 29 YD. TTD (Specification #56)</u>			
Amick Equipment Co., Inc.	2016 Labrie Automizer - 29 yd. TTD	★Appalachia	\$109,124.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 29 yd. TTD	★Dogwood	\$109,124.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 29 yd. TTD	★Cardinal	\$109,124.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 29 yd. TTD	★Longleaf Pine	\$109,124.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDeloader- 29 YD. TTD **SPECIFICATION #56**

2016 Labrie Automizer - 29 yd. TTD

Labrie Automizer Minimum Chassis Specifications - TANDEM AXLE UNITS;
Engine: Min. 325HP, 1000 lb/ft Torque; Allison 3000 or 4000 RDS
transmission; GVWR, Minimum: 60,000 lbs.; Front Axle, Minimum: 20,000
lbs.; Rear axle, Minimum: 40,000 lbs.; Effective CA (cab to Axle
centerline): TBD; After Frame, Minimum: 80"; NOTE: Contact body
dealer for detailed chassis specifications on each model truck.
Chassis specifications must be preapproved by Labrie Engineering
prior to order. Call for information on lift axles if customer
requires one.

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY SPECIFICATION

- a. Body floor 8ga Hardox 450 175,000 psi
- b. Lower Body side walls 10ga ASTM A1011 GR 80
- c. Upper Body side walls 12ga ASTM A1011 GR 80
- d. Body roof 12ga ASTM A1011 GR 80

2. HOPPER SPECIFICATIONS

- a. Hopper floor 0.25" Hardox 450 175,000 psi
- b. Hopper upper left 10ga ASTM A1011 CS
- c. Hopper upper right 14ga ASTM A1011 CS
- d. Hopper lower part 0.25" Hardox 450 175,000 psi
- e. Hopper access door 14ga ASTM A1011 CS
- f. Hopper door dimensions 29" x 48"

3. TAILGATE SPECIFICATIONS

- a. Sides and Rear Walls 12ga ASTM A1011 GR 80
- b. Upper tube frame 4" x 4" x 0.1875" A500 Grade C
- c. Bottom tube frame 10" x 4" or 7" x 3" x ¼" A500 Grade C
- d. Framing sides 0.1875" IPSCO AR200

4. PACKER SPECIFICATIONS

- a. Rails wear plates 0.25" Hardox 500
- b. Packer wear shoes 0.25" Hardox 450
- c. Top of packing ram 0.25" CSA G40.21 100 QT
- d. Face plate of packing ram 0.25" CSA G40.21 100 QT
- e. Width of packing ram 65.5"
- f. Height of packing ram 24"

g. Stroke of packing ram 48"

5. HYDRAULICS

- a. Pump Dual Vane T6DC
- b. Pump flow - packer 20.4 gpm @ 700 rpm
- c. Pump flow - arm 16.3 gpm @ 700 rpm
- d. Hydraulic tank 85 gallons
- e. Hydraulic system pressure 3,000 psi max.

6. BODY DIMENSIONS - 2 AXLE

- a. O.A. length-241"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -294"
- e. O.A. height, dumping position, above frame- 200"
- f. Dumping angle, body -45°

7. BODY DIMENSIONS - 3 AXLE

- a. O.A. length-296"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -344"
- e. O.A. height, dumping position, above frame- 227"
- f. Dumping angle, body -45°

8. STANDARD EQUIPMENT

- a. Operate at idle, dual vane pump
- b. Pack on the go with overspeed protection
- c. Autopack with multicycle packing function (2 to 8 strokes)
- d. Twin clean out doors
- e. Chrome cylinder rods
- f. Side access door to hopper
- g. Nitrided telescopic single hoist cylinder
- h. 70 gal. oil reservoir with temp & sight gauge, shut off valve, clean out trap.
- i. Tailgate ajar alarm
- j. Back up alarm
- k. Body ajar alarm
- l. Arm not stowed indicator. Buzzer over 5mph
- m. LED lights
- n. Front mount pump, tandem vane
- o. 32-95 gallon automated arm, painted safety yellow
- p. 5 lb. fire extinguisher, first aid kit, flare kit & triangle kit in-cab
- q. Electronic filter in bypass indicator in cab
- r. Quick disconnect ports for pressure gauge
- s. IFM can bus control system
- t. Ergonomic in-cab control panel and joystick
- u. Arm control joystick on console, electro-proportioned for feathering capability
- v. Cushioned arm hydraulics for smooth operation
- w. In-line heavy duty grippers
- x. Marine rust inhibitor treatment on body and primer
- y. One color urethane paint, bolt-on side panels painted gray
- a`. Dual camera/flat screen color 5.6": Backup; 2nd Location top of bulkhead facing hopper
- aa. Sealed roller bearings on packer follower panel
- ab. Smooth body sidewall design
- ac. Positive automatic tailgate locks
- ad. Hour meter on pump
- ae. Complete factory mount
- af. Zinc plated hydraulic tubes
- ag. 5 micron return filter, 100 mesh suction strainer
- ah. Gripper auto-close override

- ai. Mud flaps behind tandems
- aj. Bolt on ICC underride bumper
- ak. Hopper door and access ladder w/ pump shut down safety switch
- al. ANSI Z245.1 Compliant
- am. Remote grease zerks for easy greasing of packer cylinder pins

9. STANDARD WARRANTIES

- a. 1 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty
- d. 1 year mobile on-site warranty package



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDELoader- 29 YD. TTD SPECIFICATION #56

2016 Labrie Automizer - 29 yd. TTD

The Labrie Automizer - 29 yd. TTD purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$109,124.00	\$109,124.00	\$109,124.00	\$109,124.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Automizer - 29 yd. TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$109,124.00	\$109,124.00	\$109,124.00	\$109,124.00

Order Code	Add Options	All Zones
	Pricing upon request - Please consult vendor for more information.	NA
	Pricing upon request - Please consult vendor for more information.	NA
	Heavy Duty Arm & Grabber	\$3,000.00
	Crusher Panel in Hopper	\$3,550.00
	Auxiliary arm controls: RH-side, in-cab (Mini-joystick style)	\$890.00
	Grabber counting device: counts number of carts dumped	\$240.00
	Spill shield: installed behind grabber	\$330.00
	Arm joystick controls: Dual-side, moveable (N/A on all chassis types)	\$690.00
	Arm joystick controls: Dual joystick (Available on Autocar-Peterbilt-Mack cab-over)	\$1,370.00
	Packer controls on joystick	\$240.00
	Crusher panel control on joystick	\$240.00
	Hydraulic oil heater in tank (Electric 110V)	\$1,070.00
	High pressure filter with dirt alarm	\$1,040.00
	Hydraulic pressure gauge on main valve	\$90.00
	Alarm for hydraulic oil temperature	\$360.00
	Alarm for low hydraulic oil level & hydraulic oil temperature	\$880.00
	Alarm for hydraulic filter replacement on return line	\$510.00
	Packer cylinders hydraulic oil regeneration	\$1,660.00
	Hot-Shift PTO with pump mounted on crossmember	\$2,670.00
	Hydraulic oil cooler	\$2,030.00
	Body control valve: electric-over-hydraulic (ILO std air-over-hydraulic)	\$980.00
	Hour Meter connected to pump switch	\$240.00
	Backup Radar Proximity Detection Safety Alert System - AWTI / Third Eye Brand	\$1,490.00
	Light: CAB MOUNTED amber strobe 6" Beacon - Whelen L10 on cab; in-cab switch; Qty 1	\$450.00
	Light: CAB MOUNTED amber strobe 6" Whelen L41, on cab: in-cab switch; Qty 1	\$580.00
	Lights: amber, alternating, flashing 4" LED in UPPER TAILGATE	\$510.00
	Lights: amber, alternating, flashing 4" LED in FRONT OF BODY	\$510.00
	Back up lights: Qty 2 additional on TAILGATE	\$390.00
	Back up lights: Qty 2 additional on MID BODY RUB RAILS	\$580.00
	ADDITIONAL red, central LED brake light, oval 6	\$760.00
	LED stop, turn & tail lights 4" in UPPER TAILGATE LIGHT BOX	\$760.00
	ARROW STICK Bar Light 48" LED light traffic director: Star Model 59050 in middle of tailgate - in cab switch	\$1,150.00
	Light: amber strobe 6" Whelen L10 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$450.00

VEHICLE:	Automizer - 29 yd. TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$109,124.00	\$109,124.00	\$109,124.00	\$109,124.00

Light: amber strobe 6" Whelen L41 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$580.00
High Visibility Lighting Package - Call Labrie Representative for complete description	\$4,090.00
Whelen Light Bar on Tailgate - Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2	\$1,660.00
Multifunction Lights Package - "Smart" style round amber lights (4)	\$940.00
Work light kit: LED single, in-cab single manual switch - 4	\$390.00
Work light kit: LED Dual, in-cab single manual switch - 4	\$580.00
Work light kit: LED triple, in-cab single manual switch	\$870.00
Camera: Dual Safety Vision: 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$3,410.00
Camera: Dual 3rd Eye: 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$1,660.00
Camera: Dual Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,610.00
Triple Safety Vision. 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$4,840.00
Triple 3rd Eye. 7" color LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$2,260.00
Triple Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$2,070.00
Camera system: 3rd Eye, installed on body builder cable	Incl.
Protection cages on all cameras.	\$250.00
NOTE: Specify camera locations upon order	NA
Ground level grease points: for tailgate & hopper door hinges	\$1,080.00
Anti-sail bars on rear mudflaps (N/A with tag axle or comingle body)	\$130.00
Clean out tools (broom, hoe & shovel kit including brackets; installed at front-of-body)	\$270.00
Hopper roof to protect against wind, rain or snow (Max Height: 13ft 6") (Not available with roof mounted CNG)	\$1,410.00
Fire extinguisher including brackets & protective bag - 20 lbs.	\$310.00
Hopper floor liner: 0.250 - Highly recommended for recycling collection.	\$970.00
Hopper side wall liners: 4mm Hardox 450 steel - Highly recommended for recycling collection	\$720.00
Body floor liner at front-of-body: 0.160"	\$800.00
Body floor liner, full length: 0.160"	\$2,300.00
Body Side Wall liners: 1/8"	\$300.00
Retainer teeth under breaker bar	\$390.00
Display Signs - 32in H. x 84in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,420.00
Display Signs - 32in H. x 96in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,460.00
Display Signs - 48in H. x 96in L. (N/A on 20 cu.yds CNG roof mount) - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,530.00

VEHICLE:	Automizer - 29 yd. TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$109,124.00	\$109,124.00	\$109,124.00	\$109,124.00

Environmental spill kit installed on body	\$280.00
Toolbox: Aluminium, chassis-mounted, size: 24 x 24 x 24 (Location TBD, depending on space availability, Additional charges may apply if chassis components need to be relocated)	\$950.00
Wheelbase modification: Lengthen single axle chassis WB (including longer ABS cable & drive shaft)	\$1,990.00
Wheelbase modification: Shorten single axle chassis WB	\$1,990.00
Wheelbase modification: Lengthen tandem axle chassis WB (including longer ABS cable & drive shaft)	\$2,730.00
Wheelbase modification: Shorten tandem axle chassis	\$2,730.00
Rear Tow Hooks (2)	\$290.00
Telma Axial Mount braking system	\$11,000.00
13.5K Hendrickson Composilite steerable tag axle (including steel wheels and tires)	\$9,000.00
13.5K Hendrickson Composilite steerable tag axle (including aluminum wheels and tires)	\$10,000.00
1 Color Urethane Body Paint (Included in unit base price, Includes bolt-on parts painted body color)	Std
1 Color Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$1,910.00
2 Colors Urethane Body Paint (1 color separation, Includes bolt-on parts painted body color)	\$1,500.00
2 Colors Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$2,900.00
Ziebart undercoating : chassis & body	\$2,270.00
CAUTION THIS VEHICLE STOPS AND BACKS FREQUENTLY, 74.5in x 23.5in	\$190.00
CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY BACK 50 FEET, 65in x 20in	\$190.00
SLOW DOWN TO GET AROUND, 36in x 18in	\$190.00
PLAN A - Add 1 year on body & hydraulics for a total of 2 years (including hydraulic cooler)	\$3,420.00
PLAN B - Add 2 years on hydraulics only for a total of 3 years (including hydraulic cooler)	\$4,660.00
PLAN C - Add 4 years on hydraulic CYLINDERS only for a total of 5 years (hydraulic cooler warranty is 2 year)	\$8,500.00
PLAN D - Add 2 years on hydraulic CYLINDERS only for a total of 3 years (if equipped, hydraulic cooler warranty is 2 year)	\$2,550.00
Extension "C" rails 2.5" x 4" x 2.5" x 0.5" ASTM	Std
Extension "I" beams 5.5" x 2.8125" x 0.75" ASTM	Std
Lifting arms 1" ASTM A514	Std
Cart Compatibility: 32 to 96 gal. Carts	Std
Lift capacities 1,000 lbs.	Std
Arm reach 144"	Std
Arm cycle time 10 sec.	Std
Body Lift Cylinder - Nitrided Multi-Stage- Body Size: 20 yd3: Bore: 6 ½"; Stroke: 150"; Stages: 4; Body Size: 27 yd3: Bore: 7 ½"; Stroke: 180"; Stages: 4; Body Size: 31 yd3: Bore: 8 ½"; Stroke: 204"; Stages: 5	Std

VEHICLE:	Automizer - 29 yd. TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$109,124.00	\$109,124.00	\$109,124.00	\$109,124.00

Rod Type Cylinders: Bore x Rod x Stroke; Packer 4" x 2 1/2" x 40"; Tailgate 2 1/2" x 1 3/4" x 39"; Arm extension 1 1/2" x 1" x 54"; Lifting 3" x 1 1/2" x 16"; Grabber 1 1/2" x 1" x 6"

Std



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LABRIE AUTOMIZER AUTOMATED SIDELOADER- 31 YD. TTD (Specification #57)</u>			
Amick Equipment Co., Inc.	2016 Labrie Automizer - 31 yd. TTD	★Appalachia	\$109,680.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 31 yd. TTD	★Dogwood	\$109,680.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 31 yd. TTD	★Cardinal	\$109,680.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 31 yd. TTD	★Longleaf Pine	\$109,680.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDeloader- 31 YD. TTD **SPECIFICATION #57**

2016 Labrie Automizer - 31 yd. TTD

Labrie Automizer Minimum Chassis Specifications - TANDEM AXLE UNITS;
Engine: Min. 325HP, 1000 lb/ft Torque; Allison 3000 or 4000 RDS
transmission; GVWR, Minimum: 60,000 lbs.; Front Axle, Minimum: 20,000
lbs.; Rear axle, Minimum: 40,000 lbs.; Effective CA (cab to Axle
centerline): TBD; After Frame, Minimum: 80"; NOTE: Contact body
dealer for detailed chassis specifications on each model truck.
Chassis specifications must be preapproved by Labrie Engineering
prior to order. Call for information on lift axles if customer
requires one.

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY SPECIFICATION

- a. Body floor 8ga Hardox 450 175,000 psi
- b. Lower Body side walls 10ga ASTM A1011 GR 80
- c. Upper Body side walls 12ga ASTM A1011 GR 80
- d. Body roof 12ga ASTM A1011 GR 80

2. HOPPER SPECIFICATIONS

- a. Hopper floor 0.25" Hardox 450 175,000 psi
- b. Hopper upper left 10ga ASTM A1011 CS
- c. Hopper upper right 14ga ASTM A1011 CS
- d. Hopper lower part 0.25" Hardox 450 175,000 psi
- e. Hopper access door 14ga ASTM A1011 CS
- f. Hopper door dimensions 29" x 48"

3. TAILGATE SPECIFICATIONS

- a. Sides and Rear Walls 12ga ASTM A1011 GR 80
- b. Upper tube frame 4" x 4" x 0.1875" A500 Grade C
- c. Bottom tube frame 10" x 4" or 7" x 3" x ¼" A500 Grade C
- d. Framing sides 0.1875" IPSCO AR200

4. PACKER SPECIFICATIONS

- a. Rails wear plates 0.25" Hardox 500
- b. Packer wear shoes 0.25" Hardox 450
- c. Top of packing ram 0.25" CSA G40.21 100 QT
- d. Face plate of packing ram 0.25" CSA G40.21 100 QT
- e. Width of packing ram 65.5"
- f. Height of packing ram 24"

g. Stroke of packing ram 48"

5. HYDRAULICS

- a. Pump Dual Vane T6DC
- b. Pump flow - packer 20.4 gpm @ 700 rpm
- c. Pump flow - arm 16.3 gpm @ 700 rpm
- d. Hydraulic tank 85 gallons
- e. Hydraulic system pressure 3,000 psi max.

6. BODY DIMENSIONS - 2 AXLE

- a. O.A. length-241"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -294"
- e. O.A. height, dumping position, above frame- 200"
- f. Dumping angle, body -45°

7. BODY DIMENSIONS - 3 AXLE

- a. O.A. length-296"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -344"
- e. O.A. height, dumping position, above frame- 227"
- f. Dumping angle, body -45°

8. STANDARD EQUIPMENT

- a. Operate at idle, dual vane pump
- b. Pack on the go with overspeed protection
- c. Autopack with multicycle packing function (2 to 8 strokes)
- d. Twin clean out doors
- e. Chrome cylinder rods
- f. Side access door to hopper
- g. Nitrided telescopic single hoist cylinder
- h. 70 gal. oil reservoir with temp & sight gauge, shut off valve, clean out trap.
- i. Tailgate ajar alarm
- j. Back up alarm
- k. Body ajar alarm
- l. Arm not stowed indicator. Buzzer over 5mph
- m. LED lights
- n. Front mount pump, tandem vane
- o. 32-95 gallon automated arm, painted safety yellow
- p. 5 lb. fire extinguisher, first aid kit, flare kit & triangle kit in-cab
- q. Electronic filter in bypass indicator in cab
- r. Quick disconnect ports for pressure gauge
- s. IFM can bus control system
- t. Ergonomic in-cab control panel and joystick
- u. Arm control joystick on console, electro-proportioned for feathering capability
- v. Cushioned arm hydraulics for smooth operation
- w. In-line heavy duty grippers
- x. Marine rust inhibitor treatment on body and primer
- y. One color urethane paint, bolt-on side panels painted gray
- a`. Dual camera/flat screen color 5.6": Backup; 2nd Location top of bulkhead facing hopper
- aa. Sealed roller bearings on packer follower panel
- ab. Smooth body sidewall design
- ac. Positive automatic tailgate locks
- ad. Hour meter on pump
- ae. Complete factory mount
- af. Zinc plated hydraulic tubes
- ag. 5 micron return filter, 100 mesh suction strainer
- ah. Gripper auto-close override

- ai. Mud flaps behind tandems
- aj. Bolt on ICC underride bumper
- ak. Hopper door and access ladder w/ pump shut down safety switch
- al. ANSI Z245.1 Compliant
- am. Remote grease zerks for easy greasing of packer cylinder pins

9. STANDARD WARRANTIES

- a. 1 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty
- d. 1 year mobile on-site warranty package



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDeloader- 31 YD. TTD SPECIFICATION #57

2016 Labrie Automizer - 31 yd. TTD

The Labrie Automizer - 31 yd. TTD purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$109,680.00	\$109,680.00	\$109,680.00	\$109,680.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Automizer - 31 yd. TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$109,680.00	\$109,680.00	\$109,680.00	\$109,680.00

Order Code	Add Options	All Zones
	Pricing upon request - Please consult vendor for more information.	NA
	Pricing upon request - Please consult vendor for more information.	NA
	Heavy Duty Arm & Grabber	\$3,000.00
	Crusher Panel in Hopper	\$3,550.00
	Auxiliary arm controls: RH-side, in-cab (Mini-joystick style)	\$890.00
	Grabber counting device: counts number of carts dumped	\$240.00
	Spill shield: installed behind grabber	\$330.00
	Arm joystick controls: Dual-side, moveable (N/A on all chassis types)	\$690.00
	Arm joystick controls: Dual joystick (Available on Autocar-Peterbilt-Mack cab-over)	\$1,370.00
	Packer controls on joystick	\$240.00
	Crusher panel control on joystick	\$240.00
	Hydraulic oil heater in tank (Electric 110V)	\$1,070.00
	High pressure filter with dirt alarm	\$1,040.00
	Hydraulic pressure gauge on main valve	\$90.00
	Alarm for hydraulic oil temperature	\$360.00
	Alarm for low hydraulic oil level & hydraulic oil temperature	\$880.00
	Alarm for hydraulic filter replacement on return line	\$510.00
	Packer cylinders hydraulic oil regeneration	\$1,660.00
	Hot-Shift PTO with pump mounted on crossmember	\$2,670.00
	Hydraulic oil cooler	\$2,030.00
	Body control valve: electric-over-hydraulic (ILO std air-over-hydraulic)	\$980.00
	Hour Meter connected to pump switch	\$240.00
	Backup Radar Proximity Detection Safety Alert System - AWTI / Third Eye Brand	\$1,490.00
	Light: CAB MOUNTED amber strobe 6" Beacon - Whelen L10 on cab; in-cab switch; Qty 1	\$450.00
	Light: CAB MOUNTED amber strobe 6" Whelen L41, on cab: in-cab switch; Qty 1	\$580.00
	Lights: amber, alternating, flashing 4" LED in UPPER TAILGATE	\$510.00
	Lights: amber, alternating, flashing 4" LED in FRONT OF BODY	\$510.00
	Back up lights: Qty 2 additional on TAILGATE	\$390.00
	Back up lights: Qty 2 additional on MID BODY RUB RAILS	\$580.00
	ADDITIONAL red, central LED brake light, oval 6	\$760.00
	LED stop, turn & tail lights 4" in UPPER TAILGATE LIGHT BOX	\$760.00
	ARROW STICK Bar Light 48" LED light traffic director: Star Model 59050 in middle of tailgate - in cab switch	\$1,150.00
	Light: amber strobe 6" Whelen L10 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$450.00

VEHICLE:	Automizer - 31 yd. TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$109,680.00	\$109,680.00	\$109,680.00	\$109,680.00

Light: amber strobe 6" Whelen L41 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$580.00
High Visibility Lighting Package - Call Labrie Representative for complete description	\$4,090.00
Whelen Light Bar on Tailgate - Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2	\$1,660.00
Multifunction Lights Package - "Smart" style round amber lights (4)	\$940.00
Work light kit: LED single, in-cab single manual switch - 4	\$390.00
Work light kit: LED Dual, in-cab single manual switch - 4	\$580.00
Work light kit: LED triple, in-cab single manual switch	\$870.00
Camera: Dual Safety Vision: 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$3,410.00
Camera: Dual 3rd Eye: 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$1,660.00
Camera: Dual Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,610.00
Triple Safety Vision. 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$4,840.00
Triple 3rd Eye. 7" color LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$2,260.00
Triple Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$2,070.00
Camera system: 3rd Eye, installed on body builder cable	Incl.
Protection cages on all cameras.	\$250.00
NOTE: Specify camera locations upon order	NA
Ground level grease points: for tailgate & hopper door hinges	\$1,080.00
Anti-sail bars on rear mudflaps (N/A with tag axle or comingle body)	\$130.00
Clean out tools (broom, hoe & shovel kit including brackets; installed at front-of-body)	\$270.00
Hopper roof to protect against wind, rain or snow (Max Height: 13ft 6") (Not available with roof mounted CNG)	\$1,410.00
Fire extinguisher including brackets & protective bag - 20 lbs.	\$310.00
Hopper floor liner: 0.250 - Highly recommended for recycling collection.	\$970.00
Hopper side wall liners: 4mm Hardox 450 steel - Highly recommended for recycling collection	\$720.00
Body floor liner at front-of-body: 0.160"	\$800.00
Body floor liner, full length: 0.160"	\$2,300.00
Body Side Wall liners: 1/8"	\$300.00
Retainer teeth under breaker bar	\$390.00
Display Signs - 32in H. x 84in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,420.00
Display Signs - 32in H. x 96in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,460.00
Display Signs - 48in H. x 96in L. (N/A on 20 cu.yds CNG roof mount) - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,530.00

VEHICLE:	Automizer - 31 yd. TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$109,680.00	\$109,680.00	\$109,680.00	\$109,680.00

Environmental spill kit installed on body	\$280.00
Toolbox: Aluminium, chassis-mounted, size: 24 x 24 x 24 (Location TBD, depending on space availability, Additional charges may apply if chassis components need to be relocated)	\$950.00
Wheelbase modification: Lengthen single axle chassis WB (including longer ABS cable & drive shaft)	\$1,990.00
Wheelbase modification: Shorten single axle chassis WB	\$1,990.00
Wheelbase modification: Lengthen tandem axle chassis WB (including longer ABS cable & drive shaft)	\$2,730.00
Wheelbase modification: Shorten tandem axle chassis	\$2,730.00
Rear Tow Hooks (2)	\$290.00
Telma Axial Mount braking system	\$11,000.00
13.5K Hendrickson Composilite steerable tag axle (including steel wheels and tires)	\$9,000.00
13.5K Hendrickson Composilite steerable tag axle (including aluminum wheels and tires)	\$10,000.00
1 Color Urethane Body Paint (Included in unit base price, Includes bolt-on parts painted body color)	Std
1 Color Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$1,910.00
2 Colors Urethane Body Paint (1 color separation, Includes bolt-on parts painted body color)	\$1,500.00
2 Colors Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$2,900.00
Ziebart undercoating : chassis & body	\$2,270.00
CAUTION THIS VEHICLE STOPS AND BACKS FREQUENTLY, 74.5in x 23.5in	\$190.00
CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY BACK 50 FEET, 65in x 20in	\$190.00
SLOW DOWN TO GET AROUND, 36in x 18in	\$190.00
PLAN A - Add 1 year on body & hydraulics for a total of 2 years (including hydraulic cooler)	\$3,420.00
PLAN B - Add 2 years on hydraulics only for a total of 3 years (including hydraulic cooler)	\$4,660.00
PLAN C - Add 4 years on hydraulic CYLINDERS only for a total of 5 years (hydraulic cooler warranty is 2 year)	\$8,500.00
PLAN D - Add 2 years on hydraulic CYLINDERS only for a total of 3 years (if equipped, hydraulic cooler warranty is 2 year)	\$2,550.00
Extension "C" rails 2.5" x 4" x 2.5" x 0.5" ASTM	Std
Extension "I" beams 5.5" x 2.8125" x 0.75" ASTM	Std
Lifting arms 1" ASTM A514	Std
Cart Compatibility: 32 to 96 gal. Carts	Std
Lift capacities 1,000 lbs.	NC
Arm reach 144"	Std
Arm cycle time 10 sec.	Std
Body Lift Cylinder - Nitrided Multi-Stage- Body Size: 20 yd3: Bore: 6 ½"; Stroke: 150"; Stages: 4; Body Size: 27 yd3: Bore: 7 ½"; Stroke: 180"; Stages: 4; Body Size: 31 yd3: Bore: 8 ½"; Stroke: 204"; Stages: 5	Std

VEHICLE:	Automizer - 31 yd. TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$109,680.00	\$109,680.00	\$109,680.00	\$109,680.00

Rod Type Cylinders: Bore x Rod x Stroke; Packer 4" x 2 1/2" x 40"; Tailgate 2 1/2" x 1 3/4" x 39"; Arm extension 1 1/2" x 1" x 54"; Lifting 3" x 1 1/2" x 16"; Grabber 1 1/2" x 1" x 6"

Std



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LABRIE AUTOMIZER AUTOMATED SIDELOADER- 33 YD. TTD (Specification #58)</u>			
Amick Equipment Co., Inc.	2016 Labrie Automizer - 33 yd. TTD	★Appalachia	\$110,236.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 33 yd. TTD	★Dogwood	\$110,236.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 33 yd. TTD	★Cardinal	\$110,236.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 33 yd. TTD	★Longleaf Pine	\$110,236.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDELOADER- 33 YD. TTD **SPECIFICATION #58**

2016 Labrie Automizer - 33 yd. TTD

Labrie Automizer Minimum Chassis Specifications - TANDEM AXLE UNITS;
Engine: Min. 325HP, 1000 lb/ft Torque; Allison 3000 or 4000 RDS
transmission; GVWR, Minimum: 60,000 lbs.; Front Axle, Minimum: 20,000
lbs.; Rear axle, Minimum: 40,000 lbs.; Effective CA (cab to Axle
centerline): TBD; After Frame, Minimum: 80"; NOTE: Contact body
dealer for detailed chassis specifications on each model truck.
Chassis specifications must be preapproved by Labrie Engineering
prior to order. Call for information on lift axles if customer
requires one.

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY SPECIFICATION

- a. Body floor 8ga Hardox 450 175,000 psi
- b. Lower Body side walls 10ga ASTM A1011 GR 80
- c. Upper Body side walls 12ga ASTM A1011 GR 80
- d. Body roof 12ga ASTM A1011 GR 80

2. HOPPER SPECIFICATIONS

- a. Hopper floor 0.25" Hardox 450 175,000 psi
- b. Hopper upper left 10ga ASTM A1011 CS
- c. Hopper upper right 14ga ASTM A1011 CS
- d. Hopper lower part 0.25" Hardox 450 175,000 psi
- e. Hopper access door 14ga ASTM A1011 CS
- f. Hopper door dimensions 29" x 48"

3. TAILGATE SPECIFICATIONS

- a. Sides and Rear Walls 12ga ASTM A1011 GR 80
- b. Upper tube frame 4" x 4" x 0.1875" A500 Grade C
- c. Bottom tube frame 10" x 4" or 7" x 3" x ¼" A500 Grade C
- d. Framing sides 0.1875" IPSCO AR200

4. PACKER SPECIFICATIONS

- a. Rails wear plates 0.25" Hardox 500
- b. Packer wear shoes 0.25" Hardox 450
- c. Top of packing ram 0.25" CSA G40.21 100 QT
- d. Face plate of packing ram 0.25" CSA G40.21 100 QT
- e. Width of packing ram 65.5"
- f. Height of packing ram 24"

g. Stroke of packing ram 48"

5. HYDRAULICS

- a. Pump Dual Vane T6DC
- b. Pump flow - packer 20.4 gpm @ 700 rpm
- c. Pump flow - arm 16.3 gpm @ 700 rpm
- d. Hydraulic tank 85 gallons
- e. Hydraulic system pressure 3,000 psi max.

6. BODY DIMENSIONS - 2 AXLE

- a. O.A. length-241"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -294"
- e. O.A. height, dumping position, above frame- 200"
- f. Dumping angle, body -45°

7. BODY DIMENSIONS - 3 AXLE

- a. O.A. length-296"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -344"
- e. O.A. height, dumping position, above frame- 227"
- f. Dumping angle, body -45°

8. STANDARD EQUIPMENT

- a. Operate at idle, dual vane pump
- b. Pack on the go with overspeed protection
- c. Autopack with multicycle packing function (2 to 8 strokes)
- d. Twin clean out doors
- e. Chrome cylinder rods
- f. Side access door to hopper
- g. Nitrided telescopic single hoist cylinder
- h. 70 gal. oil reservoir with temp & sight gauge, shut off valve, clean out trap.
- i. Tailgate ajar alarm
- j. Back up alarm
- k. Body ajar alarm
- l. Arm not stowed indicator. Buzzer over 5mph
- m. LED lights
- n. Front mount pump, tandem vane
- o. 32-95 gallon automated arm, painted safety yellow
- p. 5 lb. fire extinguisher, first aid kit, flare kit & triangle kit in-cab
- q. Electronic filter in bypass indicator in cab
- r. Quick disconnect ports for pressure gauge
- s. IFM can bus control system
- t. Ergonomic in-cab control panel and joystick
- u. Arm control joystick on console, electro-proportioned for feathering capability
- v. Cushioned arm hydraulics for smooth operation
- w. In-line heavy duty grippers
- x. Marine rust inhibitor treatment on body and primer
- y. One color urethane paint, bolt-on side panels painted gray
- a`. Dual camera/flat screen color 5.6": Backup; 2nd Location top of bulkhead facing hopper
- aa. Sealed roller bearings on packer follower panel
- ab. Smooth body sidewall design
- ac. Positive automatic tailgate locks
- ad. Hour meter on pump
- ae. Complete factory mount
- af. Zinc plated hydraulic tubes
- ag. 5 micron return filter, 100 mesh suction strainer
- ah. Gripper auto-close override

- ai. Mud flaps behind tandems
- aj. Bolt on ICC underride bumper
- ak. Hopper door and access ladder w/ pump shut down safety switch
- al. ANSI Z245.1 Compliant
- am. Remote grease zerks for easy greasing of packer cylinder pins

9. STANDARD WARRANTIES

- a. 1 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty
- d. 1 year mobile on-site warranty package



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDELoader- 33 YD. TTD SPECIFICATION #58

2016 Labrie Automizer - 33 yd. TTD

The Labrie Automizer - 33 yd. TTD purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$110,236.00	\$110,236.00	\$110,236.00	\$110,236.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Automizer - 33 yd. TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$110,236.00	\$110,236.00	\$110,236.00	\$110,236.00

Order Code	Add Options	All Zones
	Pricing upon request - Please consult vendor for more information.	NA
	Pricing upon request - Please consult vendor for more information.	NA
	Heavy Duty Arm & Grabber	\$3,000.00
	Crusher Panel in Hopper	\$1,550.00
	Auxiliary arm controls: RH-side, in-cab (Mini-joystick style)	\$890.00
	Grabber counting device: counts number of carts dumped	\$240.00
	Spill shield: installed behind grabber	\$330.00
	Arm joystick controls: Dual-side, moveable (N/A on all chassis types)	\$690.00
	Arm joystick controls: Dual joystick (Available on Autocar-Peterbilt-Mack cab-over)	\$1,370.00
	Packer controls on joystick	\$240.00
	Crusher panel control on joystick	\$240.00
	Hydraulic oil heater in tank (Electric 110V)	\$1,070.00
	High pressure filter with dirt alarm	\$1,040.00
	Hydraulic pressure gauge on main valve	\$90.00
	Alarm for hydraulic oil temperature	\$360.00
	Alarm for low hydraulic oil level & hydraulic oil temperature	\$880.00
	Alarm for hydraulic filter replacement on return line	\$510.00
	Packer cylinders hydraulic oil regeneration	\$1,660.00
	Hot-Shift PTO with pump mounted on crossmember	\$2,670.00
	Hydraulic oil cooler	\$2,030.00
	Body control valve: electric-over-hydraulic (ILO std air-over-hydraulic)	\$980.00
	Hour Meter connected to pump switch	\$240.00
	Backup Radar Proximity Detection Safety Alert System - AWTI / Third Eye Brand	\$1,490.00
	Light: CAB MOUNTED amber strobe 6" Beacon - Whelen L10 on cab; in-cab switch; Qty 1	\$450.00
	Light: CAB MOUNTED amber strobe 6" Whelen L41, on cab: in-cab switch; Qty 1	\$580.00
	Lights: amber, alternating, flashing 4" LED in UPPER TAILGATE	\$510.00
	Lights: amber, alternating, flashing 4" LED in FRONT OF BODY	\$510.00
	Back up lights: Qty 2 additional on TAILGATE	\$390.00
	Back up lights: Qty 2 additional on MID BODY RUB RAILS	\$580.00
	ADDITIONAL red, central LED brake light, oval 6	\$760.00
	LED stop, turn & tail lights 4" in UPPER TAILGATE LIGHT BOX	\$760.00
	ARROW STICK Bar Light 48" LED light traffic director: Star Model 59050 in middle of tailgate - in cab switch	\$1,150.00
	Light: amber strobe 6" Whelen L10 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$450.00

VEHICLE:	Automizer - 33 yd. TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$110,236.00	\$110,236.00	\$110,236.00	\$110,236.00

Light: amber strobe 6" Whelen L41 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$580.00
High Visibility Lighting Package - Call Labrie Representative for complete description	\$4,090.00
Whelen Light Bar on Tailgate - Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2	\$1,660.00
Multifunction Lights Package - "Smart" style round amber lights (4)	\$940.00
Work light kit: LED single, in-cab single manual switch - 4	\$390.00
Work light kit: LED Dual, in-cab single manual switch - 4	\$580.00
Work light kit: LED triple, in-cab single manual switch	\$870.00
Camera: Dual Safety Vision: 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$3,410.00
Camera: Dual 3rd Eye: 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$1,660.00
Camera: Dual Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,610.00
Triple Safety Vision. 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$4,840.00
Triple 3rd Eye. 7" color LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$2,260.00
Triple Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$2,070.00
Camera system: 3rd Eye, installed on body builder cable	Incl.
Protection cages on all cameras.	\$250.00
NOTE: Specify camera locations upon order	NA
Ground level grease points: for tailgate & hopper door hinges	\$1,080.00
Anti-sail bars on rear mudflaps (N/A with tag axle or comingle body)	\$130.00
Clean out tools (broom, hoe & shovel kit including brackets; installed at front-of-body)	\$270.00
Hopper roof to protect against wind, rain or snow (Max Height: 13ft 6") (Not available with roof mounted CNG)	\$1,410.00
Fire extinguisher including brackets & protective bag - 20 lbs.	\$310.00
Hopper floor liner: 0.250 - Highly recommended for recycling collection.	\$970.00
Hopper side wall liners: 4mm Hardox 450 steel - Highly recommended for recycling collection	\$720.00
Body floor liner at front-of-body: 0.160"	\$800.00
Body floor liner, full length: 0.160"	\$2,300.00
Body Side Wall liners: 1/8"	\$300.00
Retainer teeth under breaker bar	\$390.00
Display Signs - 32in H. x 84in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,420.00
Display Signs - 32in H. x 96in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,460.00
Display Signs - 48in H. x 96in L. (N/A on 20 cu.yds CNG roof mount) - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,530.00

VEHICLE:	Automizer - 33 yd. TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$110,236.00	\$110,236.00	\$110,236.00	\$110,236.00

Environmental spill kit installed on body	\$280.00
Toolbox: Aluminium, chassis-mounted, size: 24 x 24 x 24 (Location TBD, depending on space availability, Additional charges may apply if chassis components need to be relocated)	\$950.00
Wheelbase modification: Lengthen single axle chassis WB (including longer ABS cable & drive shaft)	\$1,990.00
Wheelbase modification: Shorten single axle chassis WB	\$1,990.00
Wheelbase modification: Lengthen tandem axle chassis WB (including longer ABS cable & drive shaft)	\$2,730.00
Wheelbase modification: Shorten tandem axle chassis	\$2,730.00
Rear Tow Hooks (2)	\$290.00
Telma Axial Mount braking system	\$11,000.00
13.5K Hendrickson Composilite steerable tag axle (including steel wheels and tires)	\$9,000.00
13.5K Hendrickson Composilite steerable tag axle (including aluminum wheels and tires)	\$10,000.00
1 Color Urethane Body Paint (Included in unit base price, Includes bolt-on parts painted body color)	Std
1 Color Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$1,910.00
2 Colors Urethane Body Paint (1 color separation, Includes bolt-on parts painted body color)	\$1,500.00
2 Colors Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$2,900.00
Ziebart undercoating : chassis & body	\$2,270.00
CAUTION THIS VEHICLE STOPS AND BACKS FREQUENTLY, 74.5in x 23.5in	\$190.00
CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY BACK 50 FEET, 65in x 20in	\$190.00
SLOW DOWN TO GET AROUND, 36in x 18in	\$190.00
PLAN A - Add 1 year on body & hydraulics for a total of 2 years (including hydraulic cooler)	\$3,420.00
PLAN B - Add 2 years on hydraulics only for a total of 3 years (including hydraulic cooler)	\$4,660.00
PLAN C - Add 4 years on hydraulic CYLINDERS only for a total of 5 years (hydraulic cooler warranty is 2 year)	\$8,500.00
PLAN D - Add 2 years on hydraulic CYLINDERS only for a total of 3 years (if equipped, hydraulic cooler warranty is 2 year)	\$2,550.00
Extension "C" rails 2.5" x 4" x 2.5" x 0.5" ASTM	Std
Extension "I" beams 5.5" x 2.8125" x 0.75" ASTM	Std
Lifting arms 1" ASTM A514	Std
Cart Compatibility: 32 to 96 gal. Carts	Std
Lift capacities 1,000 lbs.	Std
Arm reach 144"	Std
Arm cycle time 10 sec.	Std
Body Lift Cylinder - Nitrided Multi-Stage- Body Size: 20 yd3: Bore: 6 ½"; Stroke: 150"; Stages: 4; Body Size: 27 yd3: Bore: 7 ½"; Stroke: 180"; Stages: 4; Body Size: 31 yd3: Bore: 8 ½"; Stroke: 204"; Stages: 5	Std

VEHICLE:	Automizer - 33 yd. TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$110,236.00	\$110,236.00	\$110,236.00	\$110,236.00

Rod Type Cylinders: Bore x Rod x Stroke; Packer 4" x 2 1/2" x 40"; Tailgate 2 1/2" x 1 3/4" x 39"; Arm extension 1 1/2" x 1" x 54"; Lifting 3" x 1 1/2" x 16"; Grabber 1 1/2" x 1" x 6"

Std



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LABRIE AUTOMIZER AUTOMATED SIDELOADER- 35 YD. TTD (Specification #59)</u>			
Amick Equipment Co., Inc.	2016 Labrie Automizer - 35 yd. TTD	★Appalachia	\$110,800.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 35 yd. TTD	★Dogwood	\$110,800.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 35 yd. TTD	★Cardinal	\$110,800.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 35 yd. TTD	★Longleaf Pine	\$110,800.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDELoader- 35 YD. TTD **SPECIFICATION #59**

2016 Labrie Automizer - 35 yd. TTD

Labrie automizer minimum chassis specifications - Tandem Axle Units; engine: min. 325 hp, 1000 lb/ft torque; Allison 3000 or 4000 RDS transmission; GVWR, minimum 60,000lbs; Front Axle, minimum:20,000lbs; Rear Axle, minimum: 40,000; Effective CA (cab to axle centerline): TBD; After Frame, minimum: 80": NOTE: contact body dealer for detailed chassis specifications on each model truck. Chassis specifications must be preapproved by Labrie Engineering prior to order. NOTE: Lift axle required on all units larger than 33yd.

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY SPECIFICATION

- a. Body floor 8ga Hardox 450 175,000 psi
- b. Lower Body side walls 10ga ASTM A1011 GR 80
- c. Upper Body side walls 12ga ASTM A1011 GR 80
- d. Body roof 12ga ASTM A1011 GR 80

2. HOPPER SPECIFICATIONS

- a. Hopper floor 0.25" Hardox 450 175,000 psi
- b. Hopper upper left 10ga ASTM A1011 CS
- c. Hopper upper right 14ga ASTM A1011 CS
- d. Hopper lower part 0.25" Hardox 450 175,000 psi
- e. Hopper access door 14ga ASTM A1011 CS
- f. Hopper door dimensions 29" x 48"

3. TAILGATE SPECIFICATIONS

- a. Sides and Rear Walls 12ga ASTM A1011 GR 80
- b. Upper tube frame 4" x 4" x 0.1875" A500 Grade C
- c. Bottom tube frame 10" x 4" or 7" x 3" x ¼" A500 Grade C
- d. Framing sides 0.1875" IPSCO AR200

4. PACKER SPECIFICATIONS

- a. Rails wear plates 0.25" Hardox 500
- b. Packer wear shoes 0.25" Hardox 450
- c. Top of packing ram 0.25" CSA G40.21 100 QT
- d. Face plate of packing ram 0.25" CSA G40.21 100 QT
- e. Width of packing ram 65.5"
- f. Height of packing ram 24"
- g. Stroke of packing ram 48"

5. HYDRAULICS

- a. Pump Dual Vane T6DC
- b. Pump flow - packer 20.4 gpm @ 700 rpm
- c. Pump flow - arm 16.3 gpm @ 700 rpm
- d. Hydraulic tank 85 gallons
- e. Hydraulic system pressure 3,000 psi max.

6. BODY DIMENSIONS - 2 AXLE

- a. O.A. length-241"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -294"
- e. O.A. height, dumping position, above frame- 200"
- f. Dumping angle, body -45°

7. BODY DIMENSIONS - 3 AXLE

- a. O.A. length-296"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -344"
- e. O.A. height, dumping position, above frame- 227"
- f. Dumping angle, body -45°

8. STANDARD EQUIPMENT

- a. Operate at idle, dual vane pump
- b. Pack on the go with overspeed protection
- c. Autopack with multicycle packing function (2 to 8 strokes)
- d. Twin clean out doors
- e. Chrome cylinder rods
- f. Side access door to hopper
- g. Nitrided telescopic single hoist cylinder
- h. 70 gal. oil reservoir with temp & sight gauge, shut off valve, clean out trap.
- i. Tailgate ajar alarm
- j. Back up alarm
- k. Body ajar alarm
- l. Arm not stowed indicator. Buzzer over 5mph
- m. LED lights
- n. Front mount pump, tandem vane
- o. 32-95 gallon automated arm, painted safety yellow
- p. 5 lb. fire extinguisher, first aid kit, flare kit & triangle kit in-cab
- q. Electronic filter in bypass indicator in cab
- r. Quick disconnect ports for pressure gauge
- s. IFM can bus control system
- t. Ergonomic in-cab control panel and joystick
- u. Arm control joystick on console, electro-proportioned for feathering capability
- v. Cushioned arm hydraulics for smooth operation
- w. In-line heavy duty grippers
- x. Marine rust inhibitor treatment on body and primer
- y. One color urethane paint, bolt-on side panels painted gray
- a`. Dual camera/flat screen color 5.6": Backup; 2nd Location top of bulkhead facing hopper
- aa. Sealed roller bearings on packer follower panel
- ab. Smooth body sidewall design
- ac. Positive automatic tailgate locks
- ad. Hour meter on pump
- ae. Complete factory mount
- af. Zinc plated hydraulic tubes
- ag. 5 micron return filter, 100 mesh suction strainer
- ah. Gripper auto-close override
- ai. Mud flaps behind tandems

- aj. Bolt on ICC override bumper
- ak. Hopper door and access ladder w/ pump shut down safety switch
- al. ANSI Z245.1 Compliant
- am. Remote grease zerks for easy greasing of packer cylinder pins

9. STANDARD WARRANTIES

- a. 1 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty
- d. 1 year mobile on-site warranty package



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDELoader- 35 YD. TTD SPECIFICATION #59

2016 Labrie Automizer - 35 yd. TTD

The Labrie Automizer - 35 yd. TTD purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$110,800.00	\$110,800.00	\$110,800.00	\$110,800.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Automizer - 35 yd. TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$110,800.00	\$110,800.00	\$110,800.00	\$110,800.00

Order Code	Add Options	All Zones
	Pricing upon request - Please consult vendor for more information.	NA
	Pricing upon request - Please consult vendor for more information.	NA
	Heavy Duty Arm & Grabber	\$3,000.00
	Crusher Panel in Hopper	\$3,550.00
	Auxiliary arm controls: RH-side, in-cab (Mini-joystick style)	\$890.00
	Grabber counting device: counts number of carts dumped	\$240.00
	Spill shield: installed behind grabber	\$330.00
	Arm joystick controls: Dual-side, moveable (N/A on all chassis types)	\$690.00
	Arm joystick controls: Dual joystick (Available on Autocar-Peterbilt-Mack cab-over)	\$1,370.00
	Packer controls on joystick	\$240.00
	Crusher panel control on joystick	\$240.00
	Hydraulic oil heater in tank (Electric 110V)	\$1,070.00
	High pressure filter with dirt alarm	\$1,040.00
	Hydraulic pressure gauge on main valve	\$90.00
	Alarm for hydraulic oil temperature	\$360.00
	Alarm for low hydraulic oil level & hydraulic oil temperature	\$880.00
	Alarm for hydraulic filter replacement on return line	\$510.00
	Packer cylinders hydraulic oil regeneration	\$1,660.00
	Hot-Shift PTO with pump mounted on crossmember	\$2,670.00
	Hydraulic oil cooler	\$2,030.00
	Body control valve: electric-over-hydraulic (ILO std air-over-hydraulic)	\$980.00
	Hour Meter connected to pump switch	\$240.00
	Backup Radar Proximity Detection Safety Alert System - AWTI / Third Eye Brand	\$1,490.00
	Light: CAB MOUNTED amber strobe 6" Beacon - Whelen L10 on cab; in-cab switch; Qty 1	\$450.00
	Light: CAB MOUNTED amber strobe 6" Whelen L41, on cab: in-cab switch; Qty 1	\$580.00
	Lights: amber, alternating, flashing 4" LED in UPPER TAILGATE	\$510.00
	Lights: amber, alternating, flashing 4" LED in FRONT OF BODY	\$510.00
	Back up lights: Qty 2 additional on TAILGATE	\$390.00
	Back up lights: Qty 2 additional on MID BODY RUB RAILS	\$580.00
	ADDITIONAL red, central LED brake light, oval 6	\$760.00
	LED stop, turn & tail lights 4" in UPPER TAILGATE LIGHT BOX	\$760.00
	ARROW STICK Bar Light 48" LED light traffic director: Star Model 59050 in middle of tailgate - in cab switch	\$1,150.00
	Light: amber strobe 6" Whelen L10 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$450.00

VEHICLE:	Automizer - 35 yd. TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$110,800.00	\$110,800.00	\$110,800.00	\$110,800.00

Light: amber strobe 6" Whelen L41 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$580.00
High Visibility Lighting Package - Call Labrie Representative for complete description	\$4,090.00
Whelen Light Bar on Tailgate - Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2	\$1,660.00
Multifunction Lights Package - "Smart" style round amber lights (4)	\$940.00
Work light kit: LED single, in-cab single manual switch - 4	\$390.00
Work light kit: LED Dual, in-cab single manual switch - 4	\$580.00
Work light kit: LED triple, in-cab single manual switch	\$870.00
Camera: Dual Safety Vision: 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$3,410.00
Camera: Dual 3rd Eye: 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$1,660.00
Camera: Dual Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,610.00
Triple Safety Vision. 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$4,840.00
Triple 3rd Eye. 7" color LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$2,260.00
Triple Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$2,070.00
Camera system: 3rd Eye, installed on body builder cable	Incl.
Protection cages on all cameras.	\$250.00
NOTE: Specify camera locations upon order	NA
Ground level grease points: for tailgate & hopper door hinges	\$1,080.00
Anti-sail bars on rear mudflaps (N/A with tag axle or comingle body)	\$130.00
Clean out tools (broom, hoe & shovel kit including brackets; installed at front-of-body)	\$270.00
Hopper roof to protect against wind, rain or snow (Max Height: 13ft 6") (Not available with roof mounted CNG)	\$1,410.00
Fire extinguisher including brackets & protective bag - 20 lbs.	\$310.00
Hopper floor liner: 0.250 - Highly recommended for recycling collection.	\$970.00
Hopper side wall liners: 4mm Hardox 450 steel - Highly recommended for recycling collection	\$720.00
Body floor liner at front-of-body: 0.160"	\$800.00
Body floor liner, full length: 0.160"	\$2,300.00
Body Side Wall liners: 1/8"	\$300.00
Retainer teeth under breaker bar	\$390.00
Display Signs - 32in H. x 84in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,420.00
Display Signs - 32in H. x 96in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,460.00
Display Signs - 48in H. x 96in L. (N/A on 20 cu.yds CNG roof mount) - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,530.00

VEHICLE:	Automizer - 35 yd. TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$110,800.00	\$110,800.00	\$110,800.00	\$110,800.00

Environmental spill kit installed on body	\$280.00
Toolbox: Aluminium, chassis-mounted, size: 24 x 24 x 24 (Location TBD, depending on space availability, Additional charges may apply if chassis components need to be relocated)	\$950.00
Wheelbase modification: Lengthen single axle chassis WB (including longer ABS cable & drive shaft)	\$1,990.00
Wheelbase modification: Shorten single axle chassis WB	\$1,990.00
Wheelbase modification: Lengthen tandem axle chassis WB (including longer ABS cable & drive shaft)	\$2,730.00
Wheelbase modification: Shorten tandem axle chassis	\$32,730.00
Rear Tow Hooks (2)	\$290.00
Telma Axial Mount braking system	\$11,000.00
13.5K Hendrickson Composilite steerable tag axle (including steel wheels and tires)	\$9,000.00
13.5K Hendrickson Composilite steerable tag axle (including aluminum wheels and tires)	\$10,000.00
1 Color Urethane Body Paint (Included in unit base price, Includes bolt-on parts painted body color)	Std
1 Color Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$21,910.00
2 Colors Urethane Body Paint (1 color separation, Includes bolt-on parts painted body color)	\$1,500.00
2 Colors Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$2,900.00
Ziebart undercoating : chassis & body	\$2,270.00
CAUTION THIS VEHICLE STOPS AND BACKS FREQUENTLY, 74.5in x 23.5in	\$190.00
CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY BACK 50 FEET, 65in x 20in	\$190.00
SLOW DOWN TO GET AROUND, 36in x 18in	\$190.00
PLAN A - Add 1 year on body & hydraulics for a total of 2 years (including hydraulic cooler)	\$3,420.00
PLAN B - Add 2 years on hydraulics only for a total of 3 years (including hydraulic cooler)	\$4,660.00
PLAN C - Add 4 years on hydraulic CYLINDERS only for a total of 5 years (hydraulic cooler warranty is 2 year)	\$8,500.00
PLAN D - Add 2 years on hydraulic CYLINDERS only for a total of 3 years (if equipped, hydraulic cooler warranty is 2 year)	\$2,550.00
Extension "C" rails 2.5" x 4" x 2.5" x 0.5" ASTM	Std
Extension "I" beams 5.5" x 2.8125" x 0.75" ASTM	Std
Lifting arms 1" ASTM A514	Std
Cart Compatibility: 32 to 96 gal. Carts	Std
Lift capacities 1,000 lbs.	Std
Arm reach 144"	Std
Arm cycle time 10 sec.	Std
Body Lift Cylinder - Nitrided Multi-Stage- Body Size: 20 yd3: Bore: 6 ½"; Stroke: 150"; Stages: 4; Body Size: 27 yd3: Bore: 7 ½"; Stroke: 180"; Stages: 4; Body Size: 31 yd3: Bore: 8 ½"; Stroke: 204"; Stages: 5	Std

VEHICLE:	Automizer - 35 yd. TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$110,800.00	\$110,800.00	\$110,800.00	\$110,800.00

Rod Type Cylinders: Bore x Rod x Stroke; Packer 4" x 2 1/2" x 40"; Tailgate 2 1/2" x 1 3/4" x 39"; Arm extension 1 1/2" x 1" x 54"; Lifting 3" x 1 1/2" x 16"; Grabber 1 1/2" x 1" x 6"

Std



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LABRIE AUTOMIZER AUTOMATED SIDELOADER- 37 YD. TTD (Specification #60)</u>			
Amick Equipment Co., Inc.	2016 Labrie Automizer - 37 yd. TTD	★Appalachia	\$111,357.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 37 yd. TTD	★Dogwood	\$111,357.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 37 yd. TTD	★Cardinal	\$111,357.00
Amick Equipment Co., Inc.	2016 Labrie Automizer - 37 yd. TTD	★Longleaf Pine	\$111,357.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDELOADER- 37 YD. TTD **SPECIFICATION #60**

2016 Labrie Automizer - 37 yd. TTD

Labrie automizer minimum chassis specifications - Tandem Axle Units; engine: min. 325 hp, 1000 lb/ft torque; Allison 3000 or 4000 RDS transmission; GVWR, minimum 60,000lbs; Front Axle, minimum:20,000lbs; Rear Axle, minimum: 40,000; Effective CA (cab to axle centerline): TBD; After Frame, minimum: 80": NOTE: contact body dealer for detailed chassis specifications on each model truck. Chassis specifications must be preapproved by Labrie Engineering prior to order. NOTE: Lift axle required on all units larger than 33yd.

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY SPECIFICATION

- a. Body floor 8ga Hardox 450 175,000 psi
- b. Lower Body side walls 10ga ASTM A1011 GR 80
- c. Upper Body side walls 12ga ASTM A1011 GR 80
- d. Body roof 12ga ASTM A1011 GR 80

2. HOPPER SPECIFICATIONS

- a. Hopper floor 0.25" Hardox 450 175,000 psi
- b. Hopper upper left 10ga ASTM A1011 CS
- c. Hopper upper right 14ga ASTM A1011 CS
- d. Hopper lower part 0.25" Hardox 450 175,000 psi
- e. Hopper access door 14ga ASTM A1011 CS
- f. Hopper door dimensions 29" x 48"

3. TAILGATE SPECIFICATIONS

- a. Sides and Rear Walls 12ga ASTM A1011 GR 80
- b. Upper tube frame 4" x 4" x 0.1875" A500 Grade C
- c. Bottom tube frame 10" x 4" or 7" x 3" x ¼" A500 Grade C
- d. Framing sides 0.1875" IPSCO AR200

4. PACKER SPECIFICATIONS

- a. Rails wear plates 0.25" Hardox 500
- b. Packer wear shoes 0.25" Hardox 450
- c. Top of packing ram 0.25" CSA G40.21 100 QT
- d. Face plate of packing ram 0.25" CSA G40.21 100 QT
- e. Width of packing ram 65.5"
- f. Height of packing ram 24"
- g. Stroke of packing ram 48"

5. HYDRAULICS

- a. Pump Dual Vane T6DC
- b. Pump flow - packer 20.4 gpm @ 700 rpm
- c. Pump flow - arm 16.3 gpm @ 700 rpm
- d. Hydraulic tank 85 gallons
- e. Hydraulic system pressure 3,000 psi max.

6. BODY DIMENSIONS - 2 AXLE

- a. O.A. length-241"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -294"
- e. O.A. height, dumping position, above frame- 200"
- f. Dumping angle, body -45°

7. BODY DIMENSIONS - 3 AXLE

- a. O.A. length-296"
- b. O.A. height above frame-103"
- c. O.A. width-96"
- d. O.A. length, tailgate raised, body down -344"
- e. O.A. height, dumping position, above frame- 227"
- f. Dumping angle, body -45°

8. STANDARD EQUIPMENT

- a. Operate at idle, dual vane pump
- b. Pack on the go with overspeed protection
- c. Autopack with multicycle packing function (2 to 8 strokes)
- d. Twin clean out doors
- e. Chrome cylinder rods
- f. Side access door to hopper
- g. Nitrided telescopic single hoist cylinder
- h. 70 gal. oil reservoir with temp & sight gauge, shut off valve, clean out trap.
 - i. Tailgate ajar alarm
 - j. Back up alarm
 - k. Body ajar alarm
 - l. Arm not stowed indicator. Buzzer over 5mph
- m. LED lights
- n. Front mount pump, tandem vane
- o. 32-95 gallon automated arm, painted safety yellow
- p. 5 lb. fire extinguisher, first aid kit, flare kit & triangle kit in-cab
- q. Electronic filter in bypass indicator in cab
- r. Quick disconnect ports for pressure gauge
- s. IFM can bus control system
- t. Ergonomic in-cab control panel and joystick
- u. Arm control joystick on console, electro-proportioned for feathering capability
- v. Cushioned arm hydraulics for smooth operation
- w. In-line heavy duty grippers
- x. Marine rust inhibitor treatment on body and primer
- y. One color urethane paint, bolt-on side panels painted gray
- a`. Dual camera/flat screen color 5.6": Backup; 2nd Location top of bulkhead facing hopper
- aa. Sealed roller bearings on packer follower panel
- ab. Smooth body sidewall design
- ac. Positive automatic tailgate locks
- ad. Hour meter on pump
- ae. Complete factory mount
- af. Zinc plated hydraulic tubes
- ag. 5 micron return filter, 100 mesh suction strainer
- ah. Gripper auto-close override
- ai. Mud flaps behind tandems

- aj. Bolt on ICC override bumper
- ak. Hopper door and access ladder w/ pump shut down safety switch
- al. ANSI Z245.1 Compliant
- am. Remote grease zerks for easy greasing of packer cylinder pins

9. STANDARD WARRANTIES

- a. 1 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty
- d. 1 year mobile on-site warranty package



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE AUTOMIZER AUTOMATED SIDELoader- 37 YD. TTD SPECIFICATION #60

2016 Labrie Automizer - 37 yd. TTD

The Labrie Automizer - 37 yd. TTD purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$111,357.00	\$111,357.00	\$111,357.00	\$111,357.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Automizer - 37 yd. TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$111,357.00	\$111,357.00	\$111,357.00	\$111,357.00

Order Code	Add Options	All Zones
	Pricing upon request - Please consult vendor for more information.	NA
	Pricing upon request - Please consult vendor for more information.	NA
	Heavy Duty Arm & Grabber	\$3,000.00
	Crusher Panel in Hopper	\$3,550.00
	Auxiliary arm controls: RH-side, in-cab (Mini-joystick style)	\$890.00
	Grabber counting device: counts number of carts dumped	\$240.00
	Spill shield: installed behind grabber	\$330.00
	Arm joystick controls: Dual-side, moveable (N/A on all chassis types)	\$690.00
	Arm joystick controls: Dual joystick (Available on Autocar-Peterbilt-Mack cab-over)	\$1,370.00
	Packer controls on joystick	\$240.00
	Crusher panel control on joystick	\$240.00
	Hydraulic oil heater in tank (Electric 110V)	\$1,070.00
	High pressure filter with dirt alarm	\$1,040.00
	Hydraulic pressure gauge on main valve	\$90.00
	Alarm for hydraulic oil temperature	\$360.00
	Alarm for low hydraulic oil level & hydraulic oil temperature	\$880.00
	Alarm for hydraulic filter replacement on return line	\$510.00
	Packer cylinders hydraulic oil regeneration	\$1,660.00
	Hot-Shift PTO with pump mounted on crossmember	\$2,670.00
	Hydraulic oil cooler	\$2,030.00
	Body control valve: electric-over-hydraulic (ILO std air-over-hydraulic)	\$980.00
	Hour Meter connected to pump switch	\$240.00
	Backup Radar Proximity Detection Safety Alert System - AWTI / Third Eye Brand	\$1,490.00
	Light: CAB MOUNTED amber strobe 6" Beacon - Whelen L10 on cab; in-cab switch; Qty 1	\$450.00
	Light: CAB MOUNTED amber strobe 6" Whelen L41, on cab: in-cab switch; Qty 1	\$580.00
	Lights: amber, alternating, flashing 4" LED in UPPER TAILGATE	\$510.00
	Lights: amber, alternating, flashing 4" LED in FRONT OF BODY	\$510.00
	Back up lights: Qty 2 additional on TAILGATE	\$390.00
	Back up lights: Qty 2 additional on MID BODY RUB RAILS	\$580.00
	ADDITIONAL red, central LED brake light, oval 6	\$760.00
	LED stop, turn & tail lights 4" in UPPER TAILGATE LIGHT BOX	\$760.00
	ARROW STICK Bar Light 48" LED light traffic director: Star Model 59050 in middle of tailgate - in cab switch	\$1,150.00
	Light: amber strobe 6" Whelen L10 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$450.00

VEHICLE:	Automizer - 37 yd. TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$111,357.00	\$111,357.00	\$111,357.00	\$111,357.00

Light: amber strobe 6" Whelen L41 in CENTER OF TAILGATE: in-cab switch - Qty 1	\$580.00
High Visibility Lighting Package - Call Labrie Representative for complete description	\$4,090.00
Whelen Light Bar on Tailgate - Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2	\$1,660.00
Multifunction Lights Package - "Smart" style round amber lights (4)	\$940.00
Work light kit: LED single, in-cab single manual switch - 4	\$390.00
Work light kit: LED Dual, in-cab single manual switch - 4	\$580.00
Work light kit: LED triple, in-cab single manual switch	\$870.00
Camera: Dual Safety Vision: 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$3,410.00
Camera: Dual 3rd Eye: 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$1,660.00
Camera: Dual Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,610.00
Triple Safety Vision. 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$4,840.00
Triple 3rd Eye. 7" color LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher. No shutter	\$2,260.00
Triple Zone Defense. 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$2,070.00
Camera system: 3rd Eye, installed on body builder cable	Incl.
Protection cages on all cameras.	\$250.00
NOTE: Specify camera locations upon order	NA
Ground level grease points: for tailgate & hopper door hinges	\$1,080.00
Anti-sail bars on rear mudflaps (N/A with tag axle or comingle body)	\$130.00
Clean out tools (broom, hoe & shovel kit including brackets; installed at front-of-body)	\$270.00
Hopper roof to protect against wind, rain or snow (Max Height: 13ft 6") (Not available with roof mounted CNG)	\$1,410.00
Fire extinguisher including brackets & protective bag - 20 lbs.	\$310.00
Hopper floor liner: 0.250 - Highly recommended for recycling collection.	\$970.00
Hopper side wall liners: 4mm Hardox 450 steel - Highly recommended for recycling collection	\$720.00
Body floor liner at front-of-body: 0.160"	\$800.00
Body floor liner, full length: 0.160"	\$2,300.00
Body Side Wall liners: 1/8"	\$300.00
Retainer teeth under breaker bar	\$390.00
Display Signs - 32in H. x 84in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,420.00
Display Signs - 32in H. x 96in L. - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,460.00
Display Signs - 48in H. x 96in L. (N/A on 20 cu.yds CNG roof mount) - Aluminum with quick release frame. Works best with poly corrugated sign stock.	\$1,530.00

VEHICLE:	Automizer - 37 yd. TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$111,357.00	\$111,357.00	\$111,357.00	\$111,357.00

Environmental spill kit installed on body	\$280.00
Toolbox: Aluminium, chassis-mounted, size: 24 x 24 x 24 (Location TBD, depending on space availability, Additional charges may apply if chassis components need to be relocated)	\$950.00
Wheelbase modification: Lengthen single axle chassis WB (including longer ABS cable & drive shaft)	\$1,990.00
Wheelbase modification: Shorten single axle chassis WB	\$1,990.00
Wheelbase modification: Lengthen tandem axle chassis WB (including longer ABS cable & drive shaft)	\$2,730.00
Wheelbase modification: Shorten tandem axle chassis	\$2,730.00
Rear Tow Hooks (2)	\$270.00
Telma Axial Mount braking system	\$11,000.00
13.5K Hendrickson Composilite steerable tag axle (including steel wheels and tires)	\$9,000.00
13.5K Hendrickson Composilite steerable tag axle (including aluminum wheels and tires)	\$10,000.00
1 Color Urethane Body Paint (Included in unit base price, Includes bolt-on parts painted body color)	Std
1 Color Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$1,910.00
2 Colors Urethane Body Paint (1 color separation, Includes bolt-on parts painted body color)	\$1,500.00
2 Colors Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$2,900.00
Ziebart undercoating : chassis & body	\$2,270.00
CAUTION THIS VEHICLE STOPS AND BACKS FREQUENTLY, 74.5in x 23.5in	\$190.00
CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY BACK 50 FEET, 65in x 20in	\$190.00
SLOW DOWN TO GET AROUND, 36in x 18in	\$190.00
PLAN A - Add 1 year on body & hydraulics for a total of 2 years (including hydraulic cooler)	\$3,420.00
PLAN B - Add 2 years on hydraulics only for a total of 3 years (including hydraulic cooler)	\$4,660.00
PLAN C - Add 4 years on hydraulic CYLINDERS only for a total of 5 years (hydraulic cooler warranty is 2 year)	\$8,500.00
PLAN D - Add 2 years on hydraulic CYLINDERS only for a total of 3 years (if equipped, hydraulic cooler warranty is 2 year)	\$2,550.00
Extension "C" rails 2.5" x 4" x 2.5" x 0.5" ASTM	Std
Extension "I" beams 5.5" x 2.8125" x 0.75" ASTM	Std
Lifting arms 1" ASTM A514	Std
Cart Compatibility: 32 to 96 gal. Carts	Std
Lift capacities 1,000 lbs.	Std
Arm reach 144"	Std
Arm cycle time 10 sec.	Std
Body Lift Cylinder - Nitrided Multi-Stage- Body Size: 20 yd3: Bore: 6 ½"; Stroke: 150"; Stages: 4; Body Size: 27 yd3: Bore: 7 ½"; Stroke: 180"; Stages: 4; Body Size: 31 yd3: Bore: 8 ½"; Stroke: 204"; Stages: 5	Std

VEHICLE:	Automizer - 37 yd. TTD			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$111,357.00	\$111,357.00	\$111,357.00	\$111,357.00

Rod Type Cylinders: Bore x Rod x Stroke; Packer 4" x 2 1/2" x 40"; Tailgate 2 1/2" x 1 3/4" x 39"; Arm extension 1 1/2" x 1" x 54"; Lifting 3" x 1 1/2" x 16"; Grabber 1 1/2" x 1" x 6"

Std



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LABRIE EXPERT - 15 YD. (Specification #61)</u>			
Amick Equipment Co., Inc.	2016 Labrie Expert - 15 yd.	★Appalachia	\$79,023.00
Amick Equipment Co., Inc.	2016 Labrie Expert - 15 yd.	★Dogwood	\$79,023.00
Amick Equipment Co., Inc.	2016 Labrie Expert - 15 yd.	★Cardinal	\$79,023.00
Amick Equipment Co., Inc.	2016 Labrie Expert - 15 yd.	★Longleaf Pine	\$79,023.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE EXPERT - 15 YD. SPECIFICATION #61

2016 Labrie Expert - 15 yd.

**Labrie Expert Minimum Chassis Specifications - SINGLE AXLE UNITS;
Engine: Min. 300HP, 850 lb/ft Torque; Allison 3000 RDS transmission;
GVWR, Minimum: 43,000 lbs.; Front Axle, Minimum: 20,000 lbs.; Rear
axle, Minimum: 23,000 lbs.; Effective CA (cab to Axle centerline):
TBD; After Frame, Minimum: 68"; NOTE: Contact body dealer for
detailed chassis specifications on each model truck. Chassis
specifications must be preapproved by Labrie Engineering prior to
order. Call for information on lift axles if customer requires one.**

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY

- a. Factory installation on suitable chassis
- b. Drop Frame hopper designed to be loaded by hand and/or used by Semi-automated cart tipper(s) or by fully automated Helping Hand arm.
- c. Tailgate rounded, sealed & hydraulically actuated
- d. Fully-automatic tailgate latches
- e. Hoist & tailgate controls: in-cab Pneumatic
- f. Hoist & tailgate indicator lights: in-cab
- g. Tailgate cylinders: 2.5" bore; double-acting; Qty 2
- h. Telescopic hoist: front-mounted; 6.5" bore with outer cover, Nitrided
- i. Rubberback Mud Guards with Labrie Logo
- j. Split hopper Dutch door (RH-side only) - Standard on Helping Hand Automated SL, but not on Manual/Semi-automated.

2. ELECTRICAL

- a. Lights: LED body, backup, license & mid-body turn signals
- b. Circuit breakers: manually-reset in Labrie console (except main power)
- c. Lights: Combination stop, turn & tail on bottom box light
- d. Lights: body clearance & reflectors (FMVSS standards)
- e. Connectors: external Deutsch Deutsch
- f. Back up alarm
- g. Electronic overspeed programming (If required)
- h. Packer controls in-cab
- i. Multi-cycle for packing ram (2 to 8 strokes)
- j. Proximity switch kit for packer & tailgate

3. SAFETY STANDARDS

- a. 5 lb. fire extinguisher, first aid kit, flare kit & triangle kit in-cab
- b. Warning light & buzzer: body raised & tailgate unlocked

- c. Tailgate guides
- d. Sensors: tailgate, body hoist & packer Limit switch Limit switch
- e. Positive lock: body hoist & tailgate on joystick
- f. Safety prop: body
- g. Safety prop: tailgate
- h. Warning light when arm extended & buzzer on speed higher than 5mph
- i. Conspicuity tape
- j. ANSI Z245.1-2008 Compliant

4. PAINT

- a. Grit-blasted body steel
- b. One color paint Urethane Urethane
- c. Marine rust inhibitor treatment on body
- d. Bolt-on parts are charcoal gray (rub rails, bumpers & light box)

5. HOPPER

- a. Floor, slope and side liners (3/16" Hardox 450 steel or better)
- b. Fully-enclosed, directly behind cab
- c. Packer dimensions 18 in. x 72 in.
- d. Packer cylinder stroke 40 in.
- e. Packer swept volume 1.31 cu.yd.
- f. Hopper access on both sides
- g. Exterior Packer controls: on RH-side Electric/Pneumatic
- h. Packing cylinders: 4" developping 75,400 lbs of compaction
- i. Remote greasing of central packing cylinders pin
- j. Warranty on Body & Hydraulics 1 Year
- k. Operator, Maintenance & Parts Manuals (paper & optical disk (DC or DVD))

6. HYDRAULIC / PNEUMATIC

- a. Directional valve for the arm Danfoss PVG32
- b. Main valve Parker VG-35 Parker VG-35
- c. Arm section pump style & flowrate 16 gpm @ 700, Body section pump style & flowrate 38 gpm @ 1200 rpm
- d. Arm operating pressure 2000 psi
- e. Body operating pressure - 2000psi for single axle units, 3000psi for tandem axle units
- f. Pressurized hydraulic tank (only with conventional cab) , 65 U.S. gal. ,
- g. Return line filter 5 micron
- h. Suction line strainer 100 mesh
- i. Zinc-plated hydraulic tubing
- j. Hydraulic hose nylon protection (Where required)
- k. Quick exhaust valve on pneumatic packer circuit
- l. Chassis frame-mounted oil tank with level / temperature gauge & oil suction, shut-off valve, clean out trap

7. AUTOMATED HELPING HAND SPECIFIC FEATURES

- a. Long Reach Helping Hand - Horizontal reach from side of vehicle - 0" - 120"
- b. Standard Helping Hand - Horizontal reach from side of vehicle - 0" - 84"
- c. AUTOMATED HELPING HAND - Dual Vane Pump, Front Mounted, Denison T6DC - OPERATE AT IDLE HYDRAULICS
- d. Maximum vertical dump height (without cart) above frame height - 89 in.
- e. Helping Hand Arm weight 1350 lbs.
- f. Maximum operating pressure 2000 psi
- g. Minimum arm cycle time 8 sec
- h. Arm lifting capacity (minimum reach) 400 lbs.
- i. Arm rest (with Sit-down drive only)
- j. On RH-side drive operation, joystick installed on LH-Side of steering except for International Cab conversion Stand Up drive.
- k. On Cab over, moveable joystick option is not available except for CCC.
- l. Dual joystick is available on dual drive Cab Over.
- m. Gripper auto-close override

8. MANUAL / SEMI-AUTOMATED SPECIFIC FEATURES

a. MANUAL / SEMI-AUTOMATED - Pump Front mounted, Type, Model , Single Vane Denison T6D - DOES NOT OPERATE AT IDLE



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE EXPERT - 15 YD. SPECIFICATION #61

2016 Labrie Expert - 15 yd.

The Labrie Expert - 15 yd. purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$79,023.00	\$79,023.00	\$79,023.00	\$79,023.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Expert - 15 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$79,023.00	\$79,023.00	\$79,023.00	\$79,023.00

Order Code	Add Options	All Zones
	Automated Drop Frame Sideloader, Helping Hand Arm - 15 cu.yd. (15+0) <i>add to 15 yard manual unit for complete 15 yard automated base unit. \$114,052.00¹</i>	\$35,029.00 ¹
	Automated Drop Frame Sideloader, Helping Hand Arm - 17 cu.yd. (15+2) <i>add to 17 yard manual unit for complete 17 yard base automated unit. \$114672.00¹</i>	\$34,948.00 ¹
	Manual / Semi-Automated Drop Frame Sideloader - 15 cu.yd. (15+0) - Single Axle <i>this is the base unit quoted on the 1st page¹</i>	NC ¹
	Manual / Semi-Automated Drop Frame Sideloader - 17 cu.yd. (15+2) - Single Axle <i>add \$701.00 to the base 15 yard manual unit to get to the 17 yard Manual price \$79724.00¹</i>	\$701.00 ¹
	Helping Hand: LH-side, including split hopper Dutch doors. Co-mingle, Crusher panel, Long Reach not available	NA
	Grabber counting device: counts number of carts dumped	\$180.00
	Spill shield: installed behind grabber	\$335.00
	Dual shield for Dual Helping Hand only: installed behind grabber	\$665.00
	Long Reach Extension (RH-side Helping Hand only)	\$3,445.00
	Grabber with bolted rubber blocks ILO straps	\$515.00
	L-H side cart tipper, Series 100 Actuator style. Includes Packer and Crusher panel controls	\$6,080.00
	L-H side cart tipper, Series 220 Cylinder style. Includes Packer and Crusher panel controls	\$6,510.00
	L-H side cart tipper, Series 330 Hi-Lift, Cylinder style. Includes Packer and Crusher panel controls	\$7,590.00
	L-H side cart tipper plumbing with additional controls package, for Customer supplied tipper install	\$1,750.00
	Arm joystick controls in-cab: Dual-side, moveable (N/A on all chassis types)	\$685.00
	Arm joystick controls in-cab: Dual joystick (Autocar-Peterbilt-Mack-Condor cab-over)	\$1,373.00
	Auxiliary arm controls in-cab: RH-side, (Mini-joystick style)	\$888.00
	Single crusher panel control: additional in-cab including limit switch on LH-side hopper door. Requires camera in hopper installed at factory.	\$575.00
	Dual crusher panels control: additional in-cab including limit switch on LH-side hopper door	\$808.00
	LH-side outside controls: Additional Packer and Crusher panel controls. Already included with Labrie installed tipper packages	\$560.00
	Packer control on joystick	\$250.00
	Crusher panel control on joystick	\$250.00
	R-H side cart tipper, Series 100 Actuator style (N/A with comingle units)	\$5,525.00
	R-H side cart tipper, Series 220 Cylinder style	\$5,955.00
	R-H side cart tipper, Series 330 Hi-Lift, Cylinder style, single cart	\$7,035.00
	R-H side cart tipper plumbing only (Includes flow divider and control valve)	\$1,951.00
	L-H side cart tipper, Series 100 Actuator style. Includes Packer and Crusher panel controls	\$6,080.00
	L-H side cart tipper, Series 220 Cylinder style. Includes Packer and Crusher panel controls	\$6,510.00

VEHICLE:	Expert - 15 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$79,023.00	\$79,023.00	\$79,023.00	\$79,023.00

L-H side cart tipper, Series 330 Hi-Lift, Cylinder style. Includes Packer and Crusher panel controls	\$7,590.00
L-H side cart tipper plumbing with additional controls package, for Customer supplied tipper install	\$1,750.00
LH-side outside controls: Additional Packer and Crusher panel controls. Already included with Labrie installed tipper packages	\$560.00
Drop-frame Modification by Labrie, Hydraulic and fuel tank not included, must be selected separately. Not available on Crane Carrier Chassis <i>a drop frame modification to the chassis is required for all expert bodies. ¹</i>	\$7,470.00 ¹
Tanks, Saddle tanks: combo 65 gal. fuel / 71 gal. hydraulic (Cab-over Diesel) <i>tanks are required for an Expert body ¹</i>	\$5,370.00 ¹
Tanks, Saddle tanks: larger - combo 85 gal. fuel / 71 gal. Hydraulic (Cab-over Diesel) <i>tanks are required for an Expert body ¹</i>	\$6,390.00 ¹
Tank, Hydraulic tank in drop section - 65 gal. (All chassis Diesel or CNG) <i>tanks are required for an Expert body ¹</i>	\$1,760.00 ¹
Tank, Single hydraulic saddle tank - 65 gal. (Cab-over Diesel or CNG) <i>tanks are required for an Expert body ¹</i>	\$2,700.00 ¹
Tank, All chassis Diesel : Main Fuel tank in drop section - 65 gal.(If OEM tank cannot be used) <i>tanks are required for an Expert body ¹</i>	\$1,925.00 ¹
RH-side outside controls	Std
Hot-Shift PTO with pump mounted on crossmember(Automated or Manual)	\$2,665.00
Hydraulic oil heater: in-tank (Electric 110v)	\$1,070.00
Hydraulic pressure gauge on main valve	\$90.00
Hydraulic temperature gauge in multiplex display	\$260.00
Alarm for hydraulic filter replacement on return line	\$505.00
Alarm for hydraulic oil temperature	NA
Alarm for low hydraulic oil level & hydraulic oil temperature	\$878.00
Packer cylinders hydraulic oil regeneration (not available with ISL-G engine)	\$1,656.00
Body control valve: electric-over-hydraulic	\$980.00
Hour Meter connected to pump switch	\$242.00
Back-up Proximity Detection Sensor Radar System - Third Eye / AWTI	\$1,290.00
Light: amber strobe 6" Whelen L10 MOUNTED ON CAB; in-cab switch; Qty 1	\$470.00
Light: amber strobe 6" Whelen L41, MOUNTED ON CAB: in-cab switch; Qty 1	\$570.00
Lights: amber, alternating, flashing 4" LED in upper tailgate	\$460.00
Lights: amber, alternating, flashing 4" LED in front-of-body	\$460.00
Back up lights: Qty 2 additional on tailgate position 2/3 - 4" LED type	\$520.00
Back up lights: Qty 2 additional on tailgate position 1/2 - 4" LED type	\$520.00
Back up lights: Qty 2 additional on mid-body rubrails - LED type	\$520.00
Additional LED lighting package - additional red central brake light, stop, turn & tail lights in special tailgate light box	\$790.00

VEHICLE:	Expert - 15 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$79,023.00	\$79,023.00	\$79,023.00	\$79,023.00

Bar light 48" LED light traffic director: Star Model 59050 in middle of tailgate - in cab switch	\$1,260.00
Light: amber strobe 6" Whelen L10, MOUNTED IN CENTER OF TAILGATE	\$470.00
Light: amber strobe 6" Whelen L41, MOUNTED IN CENTER OF TAILGATE	\$570.00
High Visibility Lighting Package - Contact Labrie Representative for complete details <i>contact dealer for specifications and pricing.</i> ¹	NA ¹
Whelen Light Bar on Tailgate <i>Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2</i> ¹	\$1,510.00 ¹
Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2	NA
Multifunction Light Pkg - 4) Multifunction round amber lights. 1) Oval center brake light in upper tailgate. 2) Round brake lights in upper tailgate light bar.	\$880.00
Work light kit: single, in-cab single manual switch - LED type	\$350.00
Work light kit: dual, in-cab single manual switch - LED type	\$540.00
Work light kit: triple, in-cab single manual switch - LED type	\$830.00
Single Safety Vision - 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$2,262.00
Single 3rd Eye - 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher.	\$1,172.00
Single Zone Defense - 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,240.00
Dual Safety Vision - 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$3,410.00
Dual 3rd Eye - 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher.	\$1,660.00
Dual Zone Defense - 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,610.00
Triple Safety Vision - 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$4,840.00
Triple 3rd Eye - 7" color LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher.	\$2,260.00
Triple Zone Defense - 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$2,070.00
Protection cages on cameras	\$250.00
Ground level grease points: for tailgate & hopper door hinges	\$975.00
Anti-sail bars on rear mudflaps (N/A with tag axle or comingle body)	\$131.00
Clean out tools (broom & shovel kit including brackets on RH-side door; hoe including bracket on LH body.	\$245.00
Fire extinguisher including brackets - 20 lbs.	\$310.00
Loading step (2), both sides at hopper: also requires safety panic bars	\$646.00
Panic bars/limit switch kit/2nd hand enable button (MOL 2004)	\$2,150.00
Panic bars only	\$1,670.00

VEHICLE:	Expert - 15 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$79,023.00	\$79,023.00	\$79,023.00	\$79,023.00

Display Signs - 32in H. x 84in L. <i>Aluminum with snap closed tool-less frame. Ideal for periodically rotating messaging using corrugated poly signs. 1</i>	\$1,280.00 ¹
Display Signs - 32in H. x 96in L. <i>Aluminum with snap closed tool-less frame. Ideal for periodically rotating messaging using corrugated poly signs. 1</i>	\$1,320.00 ¹
Display Signs - 48in H. x 96in L. <i>Aluminum with snap closed tool-less frame. Ideal for periodically rotating messaging using corrugated poly signs. 1</i>	\$1,375.00 ¹
Environmental spill kit installed on body	\$260.00
Retainer teeth under breaker bar	\$390.00
Toolbox: Aluminum, chassis-mounted, size 18" x 43" x 24". Shaped to fits in drop section	\$1,700.00
Toolbox: Aluminum, size: 24" x 24" x 14", (Location TBD, depending on space availability)	\$950.00
Rear tow hooks (2)	\$265.00
Wheelbase modification: Lengthen single axle chassis WB (including longer ABS cable & drive shaft)	\$1,800.00
Wheelbase modification: Shorten single axle chassis WB	\$1,800.00
Wheelbase modification: Lengthen tandem axle chassis WB (including longer ABS cable & drive shaft)	\$2,700.00
Wheelbase modification: Shorten tandem axle chassis WB	\$2,700.00
Telma Axial Mount	\$11,510.00
13.5K Hendrickson Composilite steerable tag axle (including steel wheels and tires)	\$9,910.00
13.5K Hendrickson Composilite steerable tag axle (including aluminum wheels and tires)	\$10,985.00
1 Color Urethane Body Paint (Included in unit base price, Includes bolt-on parts painted body color)	\$1,150.00
1 Color Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$1,715.00
2 Colors Urethane Body Paint (1 color separation, Includes bolt-on parts painted body color)	\$1,325.00
2 Colors Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$2,600.00
Ziebart undercoating on cab: chassis & body	\$1,980.00
DECAL - CAUTION THIS VEHICLE STOPS AND BACKS FREQUENTLY, 74.5in x 23.5in	\$175.00
DECAL - CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY BACK 50 FEET, 65in x 20in	\$175.00
DECAL - SLOW DOWN TO GET AROUND, 36in x 18in	\$175.00
PLAN A - Add 1 year on body & hydraulics for a total of 2 years	\$2,700.00
PLAN B - Add 2 years on hydraulics only for a total of 3 years	\$3,880.00
PLAN C - Add 4 years on hydraulic CYLINDERS only for a total of 5 years	\$7,430.00
PLAN D - Add 2 years on hydraulic CYLINDERS only for a total of 3 years	\$1,940.00
Pricing upon request - Please consult vendor for more information <i>Contact your Labrie rep for further details. 1</i>	NA ¹
Pricing upon request - Please consult vendor for more information. <i>Please contact your Labrie rep for further details. 1</i>	NA ¹

VEHICLE:	Expert - 15 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$79,023.00	\$79,023.00	\$79,023.00	\$79,023.00

Pricing upon request - Please consult vendor for more information
Please contact your Labrie rep for further details. ¹

NA¹

Pricing upon request - Please consult vendor for more information.
Please contact your Labrie rep for further details. ¹

NA¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LABRIE EXPERT - 20 YD. (Specification #62)</u>			
Amick Equipment Co., Inc.	2016 Labrie Expert - 20 yd.	★Appalachia	\$82,102.00
Amick Equipment Co., Inc.	2016 Labrie Expert - 20 yd.	★Dogwood	\$82,102.00
Amick Equipment Co., Inc.	2016 Labrie Expert - 20 yd.	★Cardinal	\$82,102.00
Amick Equipment Co., Inc.	2016 Labrie Expert - 20 yd.	★Longleaf Pine	\$82,102.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE EXPERT - 20 YD. SPECIFICATION #62

2016 Labrie Expert - 20 yd.

**Labrie Expert Minimum Chassis Specifications - SINGLE AXLE UNITS;
Engine: Min. 300HP, 850 lb/ft Torque; Allison 3000 RDS transmission;
GVWR, Minimum: 43,000 lbs.; Front Axle, Minimum: 20,000 lbs.; Rear
axle, Minimum: 23,000 lbs.; Effective CA (cab to Axle centerline):
TBD; After Frame, Minimum: 68"; NOTE: Contact body dealer for
detailed chassis specifications on each model truck. Chassis
specifications must be preapproved by Labrie Engineering prior to
order. Call for information on lift axles if customer requires one.**

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY

- a. Factory installation on suitable chassis
- b. Drop Frame hopper designed to be loaded by hand and/or used by Semi-automated cart tipper(s) or by fully automated Helping Hand arm.
- c. Tailgate rounded, sealed & hydraulically actuated
- d. Fully-automatic tailgate latches
- e. Hoist & tailgate controls: in-cab Pneumatic
- f. Hoist & tailgate indicator lights: in-cab
- g. Tailgate cylinders: 2.5" bore; double-acting; Qty 2
- h. Telescopic hoist: front-mounted; 6.5" bore with outer cover, Nitrided
- i. Rubberback Mud Guards with Labrie Logo
- j. Split hopper Dutch door (RH-side only) - Standard on Helping Hand Automated SL, but not on Manual/Semi-automated.

2. ELECTRICAL

- a. Lights: LED body, backup, license & mid-body turn signals
- b. Circuit breakers: manually-reset in Labrie console (except main power)
- c. Lights: Combination stop, turn & tail on bottom box light
- d. Lights: body clearance & reflectors (FMVSS standards)
- e. Connectors: external Deutsch Deutsch
- f. Back up alarm
- g. Electronic overspeed programming (If required)
- h. Packer controls in-cab
- i. Multi-cycle for packing ram (2 to 8 strokes)
- j. Proximity switch kit for packer & tailgate

3. SAFETY STANDARDS

- a. 5 lb. fire extinguisher, first aid kit, flare kit & triangle kit in-cab
- b. Warning light & buzzer: body raised & tailgate unlocked

- c. Tailgate guides
- d. Sensors: tailgate, body hoist & packer Limit switch Limit switch
- e. Positive lock: body hoist & tailgate on joystick
- f. Safety prop: body
- g. Safety prop: tailgate
- h. Warning light when arm extended & buzzer on speed higher than 5mph
- i. Conspicuity tape
- j. ANSI Z245.1-2008 Compliant

4. PAINT

- a. Grit-blasted body steel
- b. One color paint Urethane Urethane
- c. Marine rust inhibitor treatment on body
- d. Bolt-on parts are charcoal gray (rub rails, bumpers & light box)

5. HOPPER

- a. Floor, slope and side liners (3/16" Hardox 450 steel or better)
- b. Fully-enclosed, directly behind cab
- c. Packer dimensions 18 in. x 72 in.
- d. Packer cylinder stroke 40 in.
- e. Packer swept volume 1.31 cu.yd.
- f. Hopper access on both sides
- g. Exterior Packer controls: on RH-side Electric/Pneumatic
- h. Packing cylinders: 4" developping 75,400 lbs of compaction
- i. Remote greasing of central packing cylinders pin
- j. Warranty on Body & Hydraulics 1 Year
- k. Operator, Maintenance & Parts Manuals (paper & optical disk (DC or DVD))

6. HYDRAULIC / PNEUMATIC

- a. Arm section pump style & flowrate 16 gpm @ 700, Body section pump style & flowrate 38 gpm @ 1200 rpm
- b. Main valve Parker VG-35 Parker VG-35
- c. Directional valve for the arm Danfoss PVG32
- d. Arm operating pressure 2000 psi
- e. Body operating pressure - 2000psi for single axle units, 3000psi for tandem axle units
- f. Pressurized hydraulic tank (only with conventional cab) , 65 U.S. gal. ,
- g. Return line filter 5 micron
- h. Suction line strainer 100 mesh
- i. Zinc-plated hydraulic tubing
- j. Hydraulic hose nylon protection (Where required)
- k. Quick exhaust valve on pneumatic packer circuit
- l. Chassis frame-mounted oil tank with level / temperature gauge & oil suction, shut-off valve, clean out trap

7. AUTOMATED HELPING HAND SPECIFIC FEATURES

- a. AUTOMATED HELPING HAND - Dual Vane Pump, Front Mounted, Denison T6DC - OPERATE AT IDLE HYDRAULICS
- b. Standard Helping Hand - Horizontal reach from side of vehicle - 0" - 84"
- c. Long Reach Helping Hand - Horizontal reach from side of vehicle - 0" - 120"
- d. Maximum vertical dump height (without cart) above frame height - 89 in.
- e. Helping Hand Arm weight 1350 lbs.
- f. Maximum operating pressure 2000 psi
- g. Minimum arm cycle time 8 sec
- h. Arm lifting capacity (minimum reach) 400 lbs.
- i. Arm rest (with Sit-down drive only)
- j. On RH-side drive operation, joystick installed on LH-Side of steering except for International Cab conversion Stand Up drive.
- k. On Cab over, moveable joystick option is not available except for CCC.
 - l. Dual joystick is available on dual drive Cab Over.
- m. Gripper auto-close override

8. MANUAL / SEMI-AUTOMATED SPECIFIC FEATURES

a. MANUAL / SEMI-AUTOMATED - Pump Front mounted, Type, Model , Single Vane Denison T6D - DOES NOT OPERATE AT IDLE



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE EXPERT - 20 YD. SPECIFICATION #62

2016 Labrie Expert - 20 yd.

The Labrie Expert - 20 yd. purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$82,102.00	\$82,102.00	\$82,102.00	\$82,102.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Expert - 20 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$82,102.00	\$82,102.00	\$82,102.00	\$82,102.00

Order Code	Add Options	All Zones
	Automated Drop Frame Sideloader, Helping Hand Arm - 20 cu.yd. (20+0) <i>add \$35431 to the base 20 yard manual unit to get the base automated 20 yard unit, then select options. \$116832.00¹</i>	\$35,431.00 ¹
	Manual / Semi-Automated Drop Frame Sideloader - 20 cu.yd. (20+0) - Single Axle <i>this is the base Manual / semi-automated unit as listed for 20 yard Expert. \$82102.00¹</i>	Std ¹
	Helping Hand: LH-side, including split hopper Dutch doors. Co-mingle, Crusher panel, Long Reach not available <i>See Automated version above¹</i>	NA ¹
	Grabber counting device: counts number of carts dumped	\$180.00
	Spill shield: installed behind grabber	\$335.00
	Dual shield for Dual Helping Hand only: installed behind grabber	\$665.00
	Long Reach Extension (RH-side Helping Hand only)	\$3,445.00
	Grabber with bolted rubber blocks ILO straps	\$515.00
	L-H side cart tipper, Series 100 Actuator style. Includes Packer and Crusher panel controls	\$6,080.00
	L-H side cart tipper, Series 220 Cylinder style. Includes Packer and Crusher panel controls	\$6,510.00
	L-H side cart tipper, Series 330 Hi-Lift, Cylinder style. Includes Packer and Crusher panel controls	\$7,590.00
	L-H side cart tipper plumbing with additional controls package, for Customer supplied tipper install	\$1,750.00
	Arm joystick controls in-cab: Dual-side, moveable (N/A on all chassis types)	\$685.00
	Arm joystick controls in-cab: Dual joystick (Autocar-Peterbilt-Mack-Condor cab-over)	\$1,373.00
	Auxiliary arm controls in-cab: RH-side, (Mini-joystick style)	\$888.00
	Single crusher panel control: additional in-cab including limit switch on LH-side hopper door. Requires camera in hopper installed at factory.	\$575.00
	Dual crusher panels control: additional in-cab including limit switch on LH-side hopper door	\$808.00
	LH-side outside controls: Additional Packer and Crusher panel controls. Already included with Labrie installed tipper packages	\$560.00
	Packer control on joystick	\$250.00
	Crusher panel control on joystick	\$250.00
	R-H side cart tipper, Series 100 Actuator style (N/A with comingle units)	\$5,525.00
	R-H side cart tipper, Series 220 Cylinder style	\$5,955.00
	R-H side cart tipper, Series 330 Hi-Lift, Cylinder style, single cart	\$7,035.00
	R-H side cart tipper plumbing only (Includes flow divider and control valve)	\$1,951.00
	L-H side cart tipper, Series 100 Actuator style. Includes Packer and Crusher panel controls	\$6,080.00
	L-H side cart tipper, Series 220 Cylinder style. Includes Packer and Crusher panel controls	\$6,510.00
	L-H side cart tipper, Series 330 Hi-Lift, Cylinder style. Includes Packer and Crusher panel controls	\$7,590.00
	L-H side cart tipper plumbing with additional controls package, for Customer supplied tipper install	\$1,750.00

VEHICLE:	Expert - 20 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$82,102.00	\$82,102.00	\$82,102.00	\$82,102.00

LH-side outside controls: Additional Packer and Crusher panel controls. Already included with Labrie installed tipper packages	\$560.00
Drop-frame Modification by Labrie, Hydraulic and fuel tank not included, must be selected separately. Not available on Crane Carrier Chassis	\$7,470.00
Tanks, Saddle tanks: combo 65 gal. fuel / 71 gal. hydraulic (Cab-over Diesel)	\$5,170.00
Tanks, Saddle tanks: larger - combo 85 gal. fuel / 71 gal. Hydraulic (Cab-over Diesel)	\$6,190.00
Tank, Hydraulic tank in drop section - 65 gal. (All chassis Diesel or CNG)	\$1,760.00
Tank, Single hydraulic saddle tank - 65 gal. (Cab-over Diesel or CNG)	\$2,700.00
Tank, All chassis Diesel : Main Fuel tank in drop section - 65 gal.(If OEM tank cannot be used)	\$1,925.00
RH-side outside controls	Incl.
Hot-Shift PTO with pump mounted on crossmember(Automated or Manual)	\$2,665.00
Hydraulic oil heater: in-tank (Electric 110v)	\$1,070.00
Hydraulic pressure gauge on main valve	\$90.00
Hydraulic temperature gauge in multiplex display	\$260.00
Alarm for hydraulic filter replacement on return line	\$505.00
Alarm for hydraulic oil temperature	NA
Alarm for low hydraulic oil level & hydraulic oil temperature	\$878.00
Packer cylinders hydraulic oil regeneration (not available with ISL-G engine)	\$1,656.00
Body control valve: electric-over-hydraulic	\$980.00
Hour Meter connected to pump switch	\$242.00
Back-up Proximity Detection Sensor Radar System - Third Eye / AWTI	\$1,290.00
Light: amber strobe 6" Whelen L10 MOUNTED ON CAB; in-cab switch; Qty 1	\$470.00
Light: amber strobe 6" Whelen L41, MOUNTED ON CAB: in-cab switch; Qty 1	\$570.00
Lights: amber, alternating, flashing 4" LED in upper tailgate	\$460.00
Lights: amber, alternating, flashing 4" LED in front-of-body	\$460.00
Back up lights: Qty 2 additional on tailgate position 2/3 - 4" LED type	\$520.00
Back up lights: Qty 2 additional on tailgate position 1/2 - 4" LED type	\$520.00
Back up lights: Qty 2 additional on mid-body rubrails - LED type	\$520.00
Additional LED lighting package - additional red central brake light, stop, turn & tail lights in special tailgate light box	\$790.00
Bar light 48" LED light traffic director: Star Model 59050 in middle of tailgate - in cab switch	\$1,560.00
Light: amber strobe 6" Whelen L10, MOUNTED IN CENTER OF TAILGATE	\$470.00
Light: amber strobe 6" Whelen L41, MOUNTED IN CENTER OF TAILGATE	\$570.00
High Visibility Lighting Package - Contact Labrie Representative for complete details <i>Contact Labrie rep for further details.</i> ¹	NA ¹
Whelen Light Bar on Tailgate <i>Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2</i> ¹	\$1,510.00 ¹

VEHICLE:	Expert - 20 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$82,102.00	\$82,102.00	\$82,102.00	\$82,102.00

Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2	NA
Multifunction Light Pkg - 4) Multifunction round amber lights. 1) Oval center brake light in upper tailgate. 2) Round brake lights in upper tailgate light bar.	\$880.00
Work light kit: single, in-cab single manual switch - LED type	\$350.00
Work light kit: dual, in-cab single manual switch - LED type	\$540.00
Work light kit: triple, in-cab single manual switch - LED type	\$830.00
Single Safety Vision - 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$2,262.00
Single 3rd Eye - 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher.	\$1,172.00
Single Zone Defense - 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,240.00
Dual Safety Vision - 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$3,410.00
Dual 3rd Eye - 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher.	\$1,660.00
Dual Zone Defense - 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,610.00
Triple Safety Vision - 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$4,840.00
Triple 3rd Eye - 7" color LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher.	\$2,260.00
Triple Zone Defense - 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$2,070.00
Protection cages on cameras <i>Cages on all cameras</i> ¹	\$250.00 ¹
Ground level grease points: for tailgate & hopper door hinges	\$975.00
Anti-sail bars on rear mudflaps (N/A with tag axle or comingle body)	\$131.00
Clean out tools (broom & shovel kit including brackets on RH-side door; hoe including bracket on LH body.	\$245.00
Fire extinguisher including brackets - 20 lbs.	\$310.00
Loading step (2), both sides at hopper: also requires safety panic bars	\$646.00
Panic bars/limit switch kit/2nd hand enable button (MOL 2004)	\$2,150.00
Panic bars only	\$1,670.00
Display Signs - 32in H. x 84in L.	\$1,280.00
Display Signs - 32in H. x 96in L.	\$1,320.00
Display Signs - 48in H. x 96in L.	\$1,375.00
Environmental spill kit installed on body	\$260.00
Retainer teeth under breaker bar	\$390.00
Toolbox: Aluminum, chassis-mounted, size 18" x 43" x 24". Shaped to fits in drop section	\$1,910.00
Toolbox: Aluminum, size: 24" x 24" x 14", (Location TBD, depending on space availability)	\$1,140.00

VEHICLE:	Expert - 20 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$82,102.00	\$82,102.00	\$82,102.00	\$82,102.00

Rear tow hooks (2)	\$265.00
Wheelbase modification: Lengthen single axle chassis WB (including longer ABS cable & drive shaft)	\$1,800.00
Wheelbase modification: Shorten single axle chassis WB	\$1,800.00
Wheelbase modification: Lengthen tandem axle chassis WB (including longer ABS cable & drive shaft)	\$2,700.00
Wheelbase modification: Shorten tandem axle chassis WB	\$2,700.00
Telma Axial Mount	\$11,510.00
13.5K Hendrickson Composilite steerable tag axle (including steel wheels and tires)	\$9,910.00
13.5K Hendrickson Composilite steerable tag axle (including aluminum wheels and tires)	\$10,985.00
1 Color Urethane Body Paint (Included in unit base price, Includes bolt-on parts painted body color)	Incl.
1 Color Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$1,715.00
2 Colors Urethane Body Paint (1 color separation, Includes bolt-on parts painted body color)	\$1,325.00
2 Colors Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$2,600.00
Ziebart undercoating on cab: chassis & body	\$1,980.00
DECAL - CAUTION THIS VEHICLE STOPS AND BACKS FREQUENTLY, 74.5in x 23.5in	\$175.00
DECAL - CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY BACK 50 FEET, 65in x 20in	\$175.00
DECAL - SLOW DOWN TO GET AROUND, 36in x 18in	\$175.00
PLAN A - Add 1 year on body & hydraulics for a total of 2 years	\$2,700.00
PLAN B - Add 2 years on hydraulics only for a total of 3 years	\$3,880.00
PLAN C - Add 4 years on hydraulic CYLINDERS only for a total of 5 years	\$7,430.00
PLAN D - Add 2 years on hydraulic CYLINDERS only for a total of 3 years	\$1,940.00
Pricing upon request - Please consult vendor for more information <i>Please contact your Labrie rep for further details.</i> ¹	NA ¹
Pricing upon request - Please consult vendor for more information. <i>Please contact your Labrie rep for further details.</i> ¹	NA ¹
Pricing upon request - Please consult vendor for more information <i>Please contact your Labrie rep for further details.</i> ¹	NA ¹
Pricing upon request - Please consult vendor for more information. <i>Please contact your Labrie rep for further details.</i> ¹	NA ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LABRIE EXPERT - 22 YD. (Specification #63)</u>			
Amick Equipment Co., Inc.	2016 Labrie Expert - 22 yd.	★Appalachia	\$82,803.00
Amick Equipment Co., Inc.	2016 Labrie Expert - 22 yd.	★Dogwood	\$82,803.00
Amick Equipment Co., Inc.	2016 Labrie Expert - 22 yd.	★Cardinal	\$82,803.00
Amick Equipment Co., Inc.	2016 Labrie Expert - 22 yd.	★Longleaf Pine	\$82,803.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE EXPERT - 22 YD. SPECIFICATION #63

2016 Labrie Expert - 22 yd.

**Labrie Expert Minimum Chassis Specifications - SINGLE AXLE UNITS;
Engine: Min. 300HP, 850 lb/ft Torque; Allison 3000 RDS transmission;
GVWR, Minimum: 43,000 lbs.; Front Axle, Minimum: 20,000 lbs.; Rear
axle, Minimum: 23,000 lbs.; Effective CA (cab to Axle centerline):
TBD; After Frame, Minimum: 68"; NOTE: Contact body dealer for
detailed chassis specifications on each model truck. Chassis
specifications must be preapproved by Labrie Engineering prior to
order. Call for information on lift axles if customer requires one.**

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY

- a. Factory installation on suitable chassis
- b. Drop Frame hopper designed to be loaded by hand and/or used by Semi-automated cart tipper(s) or by fully automated Helping Hand arm.
- c. Tailgate rounded, sealed & hydraulically actuated
- d. Fully-automatic tailgate latches
- e. Hoist & tailgate controls: in-cab Pneumatic
- f. Hoist & tailgate indicator lights: in-cab
- g. Tailgate cylinders: 2.5" bore; double-acting; Qty 2
- h. Telescopic hoist: front-mounted; 6.5" bore with outer cover, Nitrided
- i. Rubberback Mud Guards with Labrie Logo
- j. Split hopper Dutch door (RH-side only) - Standard on Helping Hand Automated SL, but not on Manual/Semi-automated.

2. ELECTRICAL

- a. Lights: LED body, backup, license & mid-body turn signals
- b. Circuit breakers: manually-reset in Labrie console (except main power)
- c. Lights: Combination stop, turn & tail on bottom box light
- d. Lights: body clearance & reflectors (FMVSS standards)
- e. Connectors: external Deutsch Deutsch
- f. Back up alarm
- g. Electronic overspeed programming (If required)
- h. Packer controls in-cab
- i. Multi-cycle for packing ram (2 to 8 strokes)
- j. Proximity switch kit for packer & tailgate

3. SAFETY STANDARDS

- a. 5 lb. fire extinguisher, first aid kit, flare kit & triangle kit in-cab
- b. Warning light & buzzer: body raised & tailgate unlocked

- c. Tailgate guides
- d. Sensors: tailgate, body hoist & packer Limit switch Limit switch
- e. Positive lock: body hoist & tailgate on joystick
- f. Safety prop: body
- g. Safety prop: tailgate
- h. Warning light when arm extended & buzzer on speed higher than 5mph
- i. Conspicuity tape
- j. ANSI Z245.1-2008 Compliant

4. PAINT

- a. Grit-blasted body steel
- b. One color paint Urethane Urethane
- c. Marine rust inhibitor treatment on body
- d. Bolt-on parts are charcoal gray (rub rails, bumpers & light box)

5. HOPPER

- a. Floor, slope and side liners (3/16" Hardox 450 steel or better)
- b. Fully-enclosed, directly behind cab
- c. Packer dimensions 18 in. x 72 in.
- d. Packer cylinder stroke 40 in.
- e. Packer swept volume 1.31 cu.yd.
- f. Hopper access on both sides
- g. Exterior Packer controls: on RH-side Electric/Pneumatic
- h. Packing cylinders: 4" developping 75,400 lbs of compaction
- i. Remote greasing of central packing cylinders pin
- j. Warranty on Body & Hydraulics 1 Year
- k. Operator, Maintenance & Parts Manuals (paper & optical disk (DC or DVD))

6. HYDRAULIC / PNEUMATIC

- a. Arm section pump style & flowrate 16 gpm @ 700, Body section pump style & flowrate 38 gpm @ 1200 rpm
- b. Main valve Parker VG-35 Parker VG-35
- c. Directional valve for the arm Danfoss PVG32
- d. Arm operating pressure 2000 psi
- e. Body operating pressure - 2000psi for single axle units, 3000psi for tandem axle units
- f. Pressurized hydraulic tank (only with conventional cab) , 65 U.S. gal. ,
- g. Return line filter 5 micron
- h. Suction line strainer 100 mesh
- i. Zinc-plated hydraulic tubing
- j. Hydraulic hose nylon protection (Where required)
- k. Quick exhaust valve on pneumatic packer circuit
- l. Chassis frame-mounted oil tank with level / temperature gauge & oil suction, shut-off valve, clean out trap

7. AUTOMATED HELPING HAND SPECIFIC FEATURES

- a. AUTOMATED HELPING HAND - Dual Vane Pump, Front Mounted, Denison T6DC - OPERATE AT IDLE HYDRAULICS
- b. Standard Helping Hand - Horizontal reach from side of vehicle - 0" - 84"
- c. Long Reach Helping Hand - Horizontal reach from side of vehicle - 0" - 120"
- d. Maximum vertical dump height (without cart) above frame height - 89 in.
- e. Helping Hand Arm weight 1350 lbs.
- f. Maximum operating pressure 2000 psi
- g. Minimum arm cycle time 8 sec
- h. Arm lifting capacity (minimum reach) 400 lbs.
- i. Arm rest (with Sit-down drive only)
- j. On RH-side drive operation, joystick installed on LH-Side of steering except for International Cab conversion Stand Up drive.
- k. On Cab over, moveable joystick option is not available except for CCC.
 - l. Dual joystick is available on dual drive Cab Over.
- m. Gripper auto-close override

8. MANUAL / SEMI-AUTOMATED SPECIFIC FEATURES

a. MANUAL / SEMI-AUTOMATED - Pump Front mounted, Type, Model , Single Vane Denison T6D - DOES NOT OPERATE AT IDLE



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE EXPERT - 22 YD. SPECIFICATION #63

2016 Labrie Expert - 22 yd.

The Labrie Expert - 22 yd. purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$82,803.00	\$82,803.00	\$82,803.00	\$82,803.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Expert - 22 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$82,803.00	\$82,803.00	\$82,803.00	\$82,803.00

Order Code	Add Options	All Zones
	Automated Drop Frame Sideloader, Helping Hand Arm - 22 cu.yd. (20+2) <i>Add the \$34,673.00 to the base 22 yard manual unit to get the base automated unit, then add options. Automated 22 yard base unit is \$117,476.00¹</i>	\$34,673.00 ¹
		NA
	Manual / Semi-Automated Drop Frame Sideloader - 22 cu.yd. (20+2) - Single Axle <i>this is the base unit 22 yard Manual / semi-automated Expert. \$82803.00¹</i>	Std ¹
	Helping Hand: LH-side, including split hopper Dutch doors. Co-mingle, Crusher panel, Long Reach not available <i>Duplicate option - Helping Hand arm already priced above ¹</i>	NA ¹
	Grabber counting device: counts number of carts dumped	\$180.00
	Spill shield: installed behind grabber	\$335.00
	Dual shield for Dual Helping Hand only: installed behind grabber	\$665.00
	Long Reach Extension (RH-side Helping Hand only)	\$3,445.00
	Grabber with bolted rubber blocks ILO straps	\$515.00
	L-H side cart tipper, Series 100 Actuator style. Includes Packer and Crusher panel controls	\$6,080.00
	L-H side cart tipper, Series 220 Cylinder style. Includes Packer and Crusher panel controls	\$6,510.00
	L-H side cart tipper, Series 330 Hi-Lift, Cylinder style. Includes Packer and Crusher panel controls	\$7,590.00
	L-H side cart tipper plumbing with additional controls package, for Customer supplied tipper install	\$1,750.00
	Arm joystick controls in-cab: Dual-side, moveable (N/A on all chassis types)	\$685.00
	Arm joystick controls in-cab: Dual joystick (Autocar-Peterbilt-Mack-Condor cab-over)	\$1,373.00
	Auxiliary arm controls in-cab: RH-side, (Mini-joystick style)	\$888.00
	Single crusher panel control: additional in-cab including limit switch on LH-side hopper door. Requires camera in hopper installed at factory.	\$575.00
	Dual crusher panels control: additional in-cab including limit switch on LH-side hopper door	\$808.00
	LH-side outside controls: Additional Packer and Crusher panel controls. Already included with Labrie installed tipper packages	\$560.00
	Packer control on joystick	\$250.00
	Crusher panel control on joystick	\$250.00
	R-H side cart tipper, Series 100 Actuator style (N/A with comingle units)	\$5,525.00
	R-H side cart tipper, Series 220 Cylinder style	\$5,955.00
	R-H side cart tipper, Series 330 Hi-Lift, Cylinder style, single cart	\$7,035.00
	R-H side cart tipper plumbing only (Includes flow divider and control valve)	\$1,951.00
	L-H side cart tipper, Series 100 Actuator style. Includes Packer and Crusher panel controls	\$6,080.00
	L-H side cart tipper, Series 220 Cylinder style. Includes Packer and Crusher panel controls	\$6,510.00
	L-H side cart tipper, Series 330 Hi-Lift, Cylinder style. Includes Packer and Crusher panel controls	\$7,590.00

VEHICLE:	Expert - 22 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$82,803.00	\$82,803.00	\$82,803.00	\$82,803.00

L-H side cart tipper plumbing with additional controls package, for Customer supplied tipper install	\$1,950.00
LH-side outside controls: Additional Packer and Crusher panel controls. Already included with Labrie installed tipper packages	\$560.00
Drop-frame Modification by Labrie, Hydraulic and fuel tank not included, must be selected separately. Not available on Crane Carrier Chassis	\$7,470.00
Tanks, Saddle tanks: combo 65 gal. fuel / 71 gal. hydraulic (Cab-over Diesel)	\$5,370.00
Tanks, Saddle tanks: larger - combo 85 gal. fuel / 71 gal. Hydraulic (Cab-over Diesel)	\$6,390.00
Tank, Hydraulic tank in drop section - 65 gal. (All chassis Diesel or CNG)	\$1,760.00
Tank, Single hydraulic saddle tank - 65 gal. (Cab-over Diesel or CNG)	\$2,700.00
Tank, All chassis Diesel : Main Fuel tank in drop section - 65 gal.(If OEM tank cannot be used)	\$1,925.00
RH-side outside controls	Std
Hot-Shift PTO with pump mounted on crossmember(Automated or Manual)	\$2,665.00
Hydraulic oil heater: in-tank (Electric 110v)	\$1,070.00
Hydraulic pressure gauge on main valve	\$90.00
Hydraulic temperature gauge in multiplex display	\$260.00
Alarm for hydraulic filter replacement on return line	\$505.00
Alarm for hydraulic oil temperature	NA
Alarm for low hydraulic oil level & hydraulic oil temperature	\$878.00
Packer cylinders hydraulic oil regeneration (not available with ISL-G engine)	\$1,656.00
Body control valve: electric-over-hydraulic	\$980.00
Hour Meter connected to pump switch	\$242.00
Back-up Proximity Detection Sensor Radar System - Third Eye / AWTI	\$1,290.00
Light: amber strobe 6" Whelen L10 MOUNTED ON CAB; in-cab switch; Qty 1	\$470.00
Light: amber strobe 6" Whelen L41, MOUNTED ON CAB: in-cab switch; Qty 1	\$570.00
Lights: amber, alternating, flashing 4" LED in upper tailgate	\$460.00
Lights: amber, alternating, flashing 4" LED in front-of-body	\$460.00
Back up lights: Qty 2 additional on tailgate position 2/3 - 4" LED type	\$520.00
Back up lights: Qty 2 additional on tailgate position 1/2 - 4" LED type	\$520.00
Back up lights: Qty 2 additional on mid-body rubrails - LED type	\$520.00
Additional LED lighting package - additional red central brake light, stop, turn & tail lights in special tailgate light box	\$790.00
Bar light 48" LED light traffic director: Star Model 59050 in middle of tailgate - in cab switch	\$1,260.00
Light: amber strobe 6" Whelen L10, MOUNTED IN CENTER OF TAILGATE	\$470.00
Light: amber strobe 6" Whelen L41, MOUNTED IN CENTER OF TAILGATE	\$570.00
High Visibility Lighting Package - Contact Labrie Representative for complete details	NA

VEHICLE:	Expert - 22 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$82,803.00	\$82,803.00	\$82,803.00	\$82,803.00

Whelen Light Bar on Tailgate <i>Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2</i> ¹	\$1,510.00 ¹
Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2	NA
Multifunction Light Pkg - 4) Multifunction round amber lights. 1) Oval center brake light in upper tailgate. 2) Round brake lights in upper tailgate light bar.	\$880.00
Work light kit: single, in-cab single manual switch - LED type	\$350.00
Work light kit: dual, in-cab single manual switch - LED type	\$650.00
Work light kit: triple, in-cab single manual switch - LED type	\$830.00
Single Safety Vision - 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$2,262.00
Single 3rd Eye - 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher.	\$1,172.00
Single Zone Defense - 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,240.00
Dual Safety Vision - 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$3,410.00
Dual 3rd Eye - 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher.	\$1,660.00
Dual Zone Defense - 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,610.00
Triple Safety Vision - 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$4,840.00
Triple 3rd Eye - 7" color LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher.	\$2,260.00
Triple Zone Defense - 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$2,070.00
Protection cages on cameras	\$250.00
Ground level grease points: for tailgate & hopper door hinges	\$975.00
Anti-sail bars on rear mudflaps (N/A with tag axle or comingle body)	\$131.00
Clean out tools (broom & shovel kit including brackets on RH-side door; hoe including bracket on LH body.	\$2,445.00
Fire extinguisher including brackets - 20 lbs.	\$310.00
Loading step (2), both sides at hopper: also requires safety panic bars	\$646.00
Panic bars/limit switch kit/2nd hand enable button (MOL 2004)	\$2,450.00
Panic bars only	\$1,670.00
Display Signs - 32in H. x 84in L.	\$1,280.00
Display Signs - 32in H. x 96in L.	\$1,320.00
Display Signs - 48in H. x 96in L.	\$1,375.00
Environmental spill kit installed on body	\$260.00
Retainer teeth under breaker bar	\$390.00
Toolbox: Aluminum, chassis-mounted, size 18" x 43" x 24". Shaped to fits in drop section	\$1,910.00

VEHICLE:	Expert - 22 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$82,803.00	\$82,803.00	\$82,803.00	\$82,803.00

Toolbox: Aluminum, size: 24" x 24" x 14", (Location TBD, depending on space availability)	\$1,140.00
Rear tow hooks (2)	\$265.00
Wheelbase modification: Lengthen single axle chassis WB (including longer ABS cable & drive shaft)	\$1,800.00
Wheelbase modification: Shorten single axle chassis WB	\$1,800.00
Wheelbase modification: Lengthen tandem axle chassis WB (including longer ABS cable & drive shaft)	\$2,700.00
Wheelbase modification: Shorten tandem axle chassis WB	\$2,700.00
Telma Axial Mount	\$11,510.00
13.5K Hendrickson Composilite steerable tag axle (including steel wheels and tires)	\$9,910.00
13.5K Hendrickson Composilite steerable tag axle (including aluminum wheels and tires)	\$10,985.00
1 Color Urethane Body Paint (Included in unit base price, Includes bolt-on parts painted body color)	Incl.
1 Color Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$1,715.00
2 Colors Urethane Body Paint (1 color separation, Includes bolt-on parts painted body color)	\$1,325.00
2 Colors Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$2,600.00
Ziebart undercoating on cab: chassis & body	\$1,980.00
DECAL - CAUTION THIS VEHICLE STOPS AND BACKS FREQUENTLY, 74.5in x 23.5in	\$175.00
DECAL - CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY BACK 50 FEET, 65in x 20in	\$175.00
DECAL - SLOW DOWN TO GET AROUND, 36in x 18in	\$175.00
PLAN A - Add 1 year on body & hydraulics for a total of 2 years	\$2,700.00
PLAN B - Add 2 years on hydraulics only for a total of 3 years	\$3,880.00
PLAN C - Add 4 years on hydraulic CYLINDERS only for a total of 5 years	\$7,430.00
PLAN D - Add 2 years on hydraulic CYLINDERS only for a total of 3 years	\$1,940.00
Pricing upon request - Please consult vendor for more information <i>Please contact your Labrie rep for further details.</i> ¹	NA ¹
Pricing upon request - Please consult vendor for more information. <i>Please contact your Labrie rep for further details.</i> ¹	NA ¹
Pricing upon request - Please consult vendor for more information <i>Please contact your Labrie rep for further details.</i> ¹	NA ¹
Pricing upon request - Please consult vendor for more information. <i>Please contact your Labrie rep for further details.</i> ¹	NA ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LABRIE EXPERT - 24 YD. (Specification #64)</u>			
Amick Equipment Co., Inc.	2016 Labrie Expert - 24 yd.	★Appalachia	\$84,334.00
Amick Equipment Co., Inc.	2016 Labrie Expert - 24 yd.	★Dogwood	\$84,334.00
Amick Equipment Co., Inc.	2016 Labrie Expert - 24 yd.	★Cardinal	\$84,334.00
Amick Equipment Co., Inc.	2016 Labrie Expert - 24 yd.	★Longleaf Pine	\$84,334.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE EXPERT - 24 YD. SPECIFICATION #64

2016 Labrie Expert - 24 yd.

**Labrie Expert Minimum Chassis Specifications - SINGLE AXLE UNITS;
Engine: Min. 300HP, 850 lb/ft Torque; Allison 3000 RDS transmission;
GVWR, Minimum: 43,000 lbs.; Front Axle, Minimum: 20,000 lbs.; Rear
axle, Minimum: 23,000 lbs.; Effective CA (cab to Axle centerline):
TBD; After Frame, Minimum: 68"; NOTE: Contact body dealer for
detailed chassis specifications on each model truck. Chassis
specifications must be preapproved by Labrie Engineering prior to
order. Call for information on lift axles if customer requires one.**

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY

- a. Factory installation on suitable chassis
- b. Drop Frame hopper designed to be loaded by hand and/or used by Semi-automated cart tipper(s) or by fully automated Helping Hand arm.
- c. Tailgate rounded, sealed & hydraulically actuated
- d. Fully-automatic tailgate latches
- e. Hoist & tailgate controls: in-cab Pneumatic
- f. Hoist & tailgate indicator lights: in-cab
- g. Tailgate cylinders: 2.5" bore; double-acting; Qty 2
- h. Telescopic hoist: front-mounted; 6.5" bore with outer cover, Nitrided
- i. Rubberback Mud Guards with Labrie Logo
- j. Split hopper Dutch door (RH-side only) - Standard on Helping Hand Automated SL, but not on Manual/Semi-automated.

2. ELECTRICAL

- a. Lights: LED body, backup, license & mid-body turn signals
- b. Circuit breakers: manually-reset in Labrie console (except main power)
- c. Lights: Combination stop, turn & tail on bottom box light
- d. Lights: body clearance & reflectors (FMVSS standards)
- e. Connectors: external Deutsch Deutsch
- f. Back up alarm
- g. Electronic overspeed programming (If required)
- h. Packer controls in-cab
- i. Multi-cycle for packing ram (2 to 8 strokes)
- j. Proximity switch kit for packer & tailgate

3. SAFETY STANDARDS

- a. 5 lb. fire extinguisher, first aid kit, flare kit & triangle kit in-cab
- b. Warning light & buzzer: body raised & tailgate unlocked

- c. Tailgate guides
- d. Sensors: tailgate, body hoist & packer Limit switch Limit switch
- e. Positive lock: body hoist & tailgate on joystick
- f. Safety prop: body
- g. Safety prop: tailgate
- h. Warning light when arm extended & buzzer on speed higher than 5mph
- i. Conspicuity tape
- j. ANSI Z245.1-2008 Compliant

4. PAINT

- a. Grit-blasted body steel
- b. One color paint Urethane Urethane
- c. Marine rust inhibitor treatment on body
- d. Bolt-on parts are charcoal gray (rub rails, bumpers & light box)

5. HOPPER

- a. Floor, slope and side liners (3/16" Hardox 450 steel or better)
- b. Fully-enclosed, directly behind cab
- c. Packer dimensions 18 in. x 72 in.
- d. Packer cylinder stroke 40 in.
- e. Packer swept volume 1.31 cu.yd.
- f. Hopper access on both sides
- g. Exterior Packer controls: on RH-side Electric/Pneumatic
- h. Packing cylinders: 4" developping 75,400 lbs of compaction
- i. Remote greasing of central packing cylinders pin
- j. Warranty on Body & Hydraulics 1 Year
- k. Operator, Maintenance & Parts Manuals (paper & optical disk (DC or DVD))

6. HYDRAULIC / PNEUMATIC

- a. Arm section pump style & flowrate 16 gpm @ 700, Body section pump style & flowrate 38 gpm @ 1200 rpm
- b. Main valve Parker VG-35 Parker VG-35
- c. Directional valve for the arm Danfoss PVG32
- d. Arm operating pressure 2000 psi
- e. Body operating pressure - 2000psi for single axle units, 3000psi for tandem axle units
- f. Pressurized hydraulic tank (only with conventional cab) , 65 U.S. gal. ,
- g. Return line filter 5 micron
- h. Suction line strainer 100 mesh
- i. Zinc-plated hydraulic tubing
- j. Hydraulic hose nylon protection (Where required)
- k. Quick exhaust valve on pneumatic packer circuit
- l. Chassis frame-mounted oil tank with level / temperature gauge & oil suction, shut-off valve, clean out trap

7. AUTOMATED HELPING HAND SPECIFIC FEATURES

- a. AUTOMATED HELPING HAND - Dual Vane Pump, Front Mounted, Denison T6DC - OPERATE AT IDLE HYDRAULICS
- b. Standard Helping Hand - Horizontal reach from side of vehicle - 0" - 84"
- c. Long Reach Helping Hand - Horizontal reach from side of vehicle - 0" - 120"
- d. Maximum vertical dump height (without cart) above frame height - 89 in.
- e. Helping Hand Arm weight 1350 lbs.
- f. Maximum operating pressure 2000 psi
- g. Minimum arm cycle time 8 sec
- h. Arm lifting capacity (minimum reach) 400 lbs.
- i. Arm rest (with Sit-down drive only)
- j. On RH-side drive operation, joystick installed on LH-Side of steering except for International Cab conversion Stand Up drive.
- k. On Cab over, moveable joystick option is not available except for CCC.
 - l. Dual joystick is available on dual drive Cab Over.
- m. Gripper auto-close override

8. MANUAL / SEMI-AUTOMATED SPECIFIC FEATURES

a. MANUAL / SEMI-AUTOMATED - Pump Front mounted, Type, Model , Single Vane Denison T6D - DOES NOT OPERATE AT IDLE



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE EXPERT - 24 YD. SPECIFICATION #64

2016 Labrie Expert - 24 yd.

The Labrie Expert - 24 yd. purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$84,334.00	\$84,334.00	\$84,334.00	\$84,334.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Expert - 24 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$84,334.00	\$84,334.00	\$84,334.00	\$84,334.00

Order Code	Add Options	All Zones
	Automated Drop Frame Sideloaders, Helping Hand Arm - 24 cu.yd. (20+4) <i>add \$34537.00 to the base 24 yard expert, \$84334.00, to get the automated 24 yard expert price of \$118,871.00 then add options. ¹</i>	\$34,537.00 ¹
	Automated Drop Frame Sideloaders, Helping Hand Arm - 24 cu.yd. (22+2) - For Tag axle <i>Add \$35638.00 to the 24 yard manual body price, \$84334.00, for tag axle unit. total is \$119972.00 then add options. ¹</i>	\$35,638.00 ¹
	Automated Drop Frame Sideloaders, Helping Hand Arm - 26 cu.yd. (22+4) - For Tag axle <i>Add \$36,257.00 to the 24 yard manual body price, \$84334.00, for 26 yard, (22+4) tag axle unit. total is \$120,591.00. then add options. ¹</i>	\$36,257.00 ¹
	Manual / Semi-Automated Drop Frame Sideloaders - 24 cu.yd. (20+4) - Single Axle	Std
	Manual / Semi-Automated Drop Frame Sideloaders - 24 cu.yd. (22+2) - For Single axle with Tag axle <i>ADD \$1050.00 to the base 24 yard expert to get the unit designed for a tag axle. \$85384.00 then add options. ¹</i>	\$1,050.00 ¹
	Manual / Semi-Automated Drop Frame Sideloaders - 26 cu.yd. (22+4) - For Single axle with Tag axle <i>ADD \$1920.00 to the base 24 yard expert to get the unit designed for a tag axle. \$86254.00.00 then add options. ¹</i>	\$1,920.00 ¹
	Helping Hand: LH-side, including split hopper Dutch doors. Co-mingle, Crusher panel, Long Reach not available <i>Duplicate option - Helping Hand arm already priced above ¹</i>	NA ¹
	Grabber counting device: counts number of carts dumped	\$180.00
	Spill shield: installed behind grabber	\$335.00
	Dual shield for Dual Helping Hand only: installed behind grabber	\$665.00
	Long Reach Extension (RH-side Helping Hand only)	\$3,445.00
	Grabber with bolted rubber blocks ILO straps	\$515.00
	L-H side cart tipper, Series 100 Actuator style. Includes Packer and Crusher panel controls	\$6,080.00
	L-H side cart tipper, Series 220 Cylinder style. Includes Packer and Crusher panel controls	\$6,510.00
	L-H side cart tipper, Series 330 Hi-Lift, Cylinder style. Includes Packer and Crusher panel controls	\$7,590.00
	L-H side cart tipper plumbing with additional controls package, for Customer supplied tipper install	\$1,750.00
	Arm joystick controls in-cab: Dual-side, moveable (N/A on all chassis types)	\$685.00
	Arm joystick controls in-cab: Dual joystick (Autocar-Peterbilt-Mack-Condor cab-over)	\$1,373.00
	Auxiliary arm controls in-cab: RH-side, (Mini-joystick style)	\$888.00
	Single crusher panel control: additional in-cab including limit switch on LH-side hopper door. Requires camera in hopper installed at factory.	\$575.00
	Dual crusher panels control: additional in-cab including limit switch on LH-side hopper door	\$808.00
	LH-side outside controls: Additional Packer and Crusher panel controls. Already included with Labrie installed tipper packages	\$560.00
	Packer control on joystick	\$250.00
	Crusher panel control on joystick	\$250.00

VEHICLE:	Expert - 24 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$84,334.00	\$84,334.00	\$84,334.00	\$84,334.00

R-H side cart tipper, Series 100 Actuator style (N/A with comingle units)	\$5,525.00
R-H side cart tipper, Series 220 Cylinder style	\$5,955.00
R-H side cart tipper, Series 330 Hi-Lift, Cylinder style, single cart	\$7,035.00
R-H side cart tipper plumbing only (Includes flow divider and control valve)	\$1,951.00
L-H side cart tipper, Series 100 Actuator style. Includes Packer and Crusher panel controls	\$6,080.00
L-H side cart tipper, Series 220 Cylinder style. Includes Packer and Crusher panel controls	\$6,510.00
L-H side cart tipper, Series 330 Hi-Lift, Cylinder style. Includes Packer and Crusher panel controls	\$7,590.00
L-H side cart tipper plumbing with additional controls package, for Customer supplied tipper install	\$1,750.00
LH-side outside controls: Additional Packer and Crusher panel controls. Already included with Labrie installed tipper packages	\$560.00
Drop-frame Modification by Labrie, Hydraulic and fuel tank not included, must be selected separately. Not available on Crane Carrier Chassis	\$7,470.00
Tanks, Saddle tanks: combo 65 gal. fuel / 71 gal. hydraulic (Cab-over Diesel)	\$5,370.00
Tanks, Saddle tanks: larger - combo 85 gal. fuel / 71 gal. Hydraulic (Cab-over Diesel)	\$6,390.00
Tank, Hydraulic tank in drop section - 65 gal. (All chassis Diesel or CNG)	\$1,760.00
Tank, Single hydraulic saddle tank - 65 gal. (Cab-over Diesel or CNG)	\$2,700.00
Tank, All chassis Diesel : Main Fuel tank in drop section - 65 gal.(If OEM tank cannot be used)	\$1,925.00
RH-side outside controls	Std
Hot-Shift PTO with pump mounted on crossmember(Automated or Manual)	\$2,665.00
Hydraulic oil heater: in-tank (Electric 110v)	\$1,070.00
Hydraulic pressure gauge on main valve	\$90.00
Hydraulic temperature gauge in multiplex display	\$260.00
Alarm for hydraulic filter replacement on return line	\$505.00
Alarm for hydraulic oil temperature	NA
Alarm for low hydraulic oil level & hydraulic oil temperature	\$878.00
Packer cylinders hydraulic oil regeneration (not available with ISL-G engine)	\$1,656.00
Body control valve: electric-over-hydraulic	\$980.00
Hour Meter connected to pump switch	\$242.00
Back-up Proximity Detection Sensor Radar System - Third Eye / AWTI	\$1,290.00
Light: amber strobe 6" Whelen L10 MOUNTED ON CAB; in-cab switch; Qty 1	\$47,055.00
Light: amber strobe 6" Whelen L41, MOUNTED ON CAB: in-cab switch; Qty 1	\$570.00
Lights: amber, alternating, flashing 4" LED in upper tailgate	\$460.00
Lights: amber, alternating, flashing 4" LED in front-of-body	\$460.00
Back up lights: Qty 2 additional on tailgate position 2/3 - 4" LED type	\$520.00
Back up lights: Qty 2 additional on tailgate position 1/2 - 4" LED type	\$520.00
Back up lights: Qty 2 additional on mid-body rubrails - LED type	\$520.00

VEHICLE:	Expert - 24 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$84,334.00	\$84,334.00	\$84,334.00	\$84,334.00

Additional LED lighting package - additional red central brake light, stop, turn & tail lights in special tailgate light box	\$790.00
Bar light 48" LED light traffic director: Star Model 59050 in middle of tailgate - in cab switch	\$1,260.00
Light: amber strobe 6" Whelen L10, MOUNTED IN CENTER OF TAILGATE	\$470.00
Light: amber strobe 6" Whelen L41, MOUNTED IN CENTER OF TAILGATE	\$570.00
High Visibility Lighting Package - Contact Labrie Representative for complete details <i>Contact Labrie rep for further details.</i> ¹	NA ¹
Whelen Light Bar on Tailgate <i>Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2</i> ¹	\$1,510.00 ¹
Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2	NA
Multifunction Light Pkg - 4) Multifunction round amber lights. 1) Oval center brake light in upper tailgate. 2) Round brake lights in upper tailgate light bar.	\$880.00
Work light kit: single, in-cab single manual switch - LED type	\$350.00
Work light kit: dual, in-cab single manual switch - LED type	\$540.00
Work light kit: triple, in-cab single manual switch - LED type	\$830.00
Single Safety Vision - 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$2,262.00
Single 3rd Eye - 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher.	\$4,472.00
Single Zone Defense - 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,240.00
Dual Safety Vision - 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$3,410.00
Dual 3rd Eye - 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher.	\$1,660.00
Dual Zone Defense - 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,610.00
Triple Safety Vision - 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$4,840.00
Triple 3rd Eye - 7" color LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher.	\$2,260.00
Triple Zone Defense - 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$2,070.00
Protection cages on cameras <i>Package for cages on all cameras</i> ¹	\$250.00 ¹
Ground level grease points: for tailgate & hopper door hinges	\$975.00
Anti-sail bars on rear mudflaps (N/A with tag axle or comingle body)	\$131.00
Clean out tools (broom & shovel kit including brackets on RH-side door; hoe including bracket on LH body.	\$245.00
Fire extinguisher including brackets - 20 lbs.	\$310.00
Loading step (2), both sides at hopper: also requires safety panic bars	\$646.00

VEHICLE:	Expert - 24 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$84,334.00	\$84,334.00	\$84,334.00	\$84,334.00

Panic bars/limit switch kit/2nd hand enable button (MOL 2004)	\$2,150.00
Panic bars only	\$1,670.00
Display Signs - 32in H. x 84in L. <i>Aluminum with snap closed tool-less frame. Ideal for periodically changing messages using corrugate poly sign stock. 1</i>	\$1,280.00 ¹
Display Signs - 32in H. x 96in L. <i>Aluminum with snap closed tool-less frame. Ideal for periodically changing messages using corrugate poly sign stock. 1</i>	\$1,320.00 ¹
Display Signs - 48in H. x 96in L. <i>Aluminum with snap closed tool-less frame. Ideal for periodically changing messages using corrugate poly sign stock. 1</i>	\$1,375.00 ¹
Environmental spill kit installed on body	\$260.00
Retainer teeth under breaker bar	\$390.00
Toolbox: Aluminum, chassis-mounted, size 18" x 43" x 24". Shaped to fits in drop section	\$1,910.00
Toolbox: Aluminum, size: 24" x 24" x 14", (Location TBD, depending on space availability)	\$1,140.00
Rear tow hooks (2)	\$265.00
Wheelbase modification: Lengthen single axle chassis WB (including longer ABS cable & drive shaft)	\$1,800.00
Wheelbase modification: Shorten single axle chassis WB	\$1,800.00
Wheelbase modification: Lengthen tandem axle chassis WB (including longer ABS cable & drive shaft)	\$2,700.00
Wheelbase modification: Shorten tandem axle chassis WB	\$2,700.00
Telma Axial Mount	\$11,510.00
13.5K Hendrickson Composilite steerable tag axle (including steel wheels and tires)	\$9,910.00
13.5K Hendrickson Composilite steerable tag axle (including aluminum wheels and tires)	\$10,985.00
1 Color Urethane Body Paint (Included in unit base price, Includes bolt-on parts painted body color)	Incl.
1 Color Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$1,715.00
2 Colors Urethane Body Paint (1 color separation, Includes bolt-on parts painted body color)	\$1,325.00
2 Colors Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$2,600.00
Ziebart undercoating on cab: chassis & body	\$1,980.00
DECAL - CAUTION THIS VEHICLE STOPS AND BACKS FREQUENTLY, 74.5in x 23.5in	\$175.00
DECAL - CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY BACK 50 FEET, 65in x 20in	\$175.00
DECAL - SLOW DOWN TO GET AROUND, 36in x 18in	\$175.00
PLAN A - Add 1 year on body & hydraulics for a total of 2 years	\$2,700.00
PLAN B - Add 2 years on hydraulics only for a total of 3 years	\$3,880.00
PLAN C - Add 4 years on hydraulic CYLINDERS only for a total of 5 years	\$7,430.00
PLAN D - Add 2 years on hydraulic CYLINDERS only for a total of 3 years	\$1,940.00
Pricing upon request - Please consult vendor for more information	NA
Pricing upon request - Please consult vendor for more information.	NA

VEHICLE:	Expert - 24 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$84,334.00	\$84,334.00	\$84,334.00	\$84,334.00

Pricing upon request - Please consult vendor for more information	NA
Pricing upon request - Please consult vendor for more information.	NA



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LABRIE EXPERT - 27 YD. (Specification #65)</u>			
Amick Equipment Co., Inc.	2016 Labrie Expert - 27 yd.	★Appalachia	\$85,729.00
Amick Equipment Co., Inc.	2016 Labrie Expert - 27 yd.	★Dogwood	\$85,729.00
Amick Equipment Co., Inc.	2016 Labrie Expert - 27 yd.	★Cardinal	\$85,729.00
Amick Equipment Co., Inc.	2016 Labrie Expert - 27 yd.	★Longleaf Pine	\$85,729.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE EXPERT - 27 YD. SPECIFICATION #65

2016 Labrie Expert - 27 yd.

**Labrie Expert Minimum Chassis Specifications - Tandem Axle UNITS;
Engine: Min. 300HP, 1000 lb/ft Torque; Allison 3000 RDS transmission;
GVWR, Minimum: 58,000 lbs.; Front Axle, Minimum: 18,000 lbs.; Rear
axle, Minimum: 40,000 lbs.; Effective CA (cab to Axle centerline):
TBD; After Frame, Minimum: 68"; NOTE: Contact body dealer for
detailed chassis specifications on each model truck. Chassis
specifications must be preapproved by Labrie Engineering prior to
order. Call for information on lift axles if customer requires one.**

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY

- a. Factory installation on suitable chassis
- b. Drop Frame hopper designed to be loaded by hand and/or used by Semi-automated cart tipper(s) or by fully automated Helping Hand arm.
- c. Tailgate rounded, sealed & hydraulically actuated
- d. Fully-automatic tailgate latches
- e. Hoist & tailgate controls: in-cab Pneumatic
- f. Hoist & tailgate indicator lights: in-cab
- g. Tailgate cylinders: 2.5" bore; double-acting; Qty 2
- h. Telescopic hoist: front-mounted; 6.5" bore with outer cover, Nitrided
- i. Rubberback Mud Guards with Labrie Logo
- j. Split hopper Dutch door (RH-side only) - Standard on Helping Hand Automated SL, but not on Manual/Semi-automated.

2. ELECTRICAL

- a. Lights: LED body, backup, license & mid-body turn signals
- b. Circuit breakers: manually-reset in Labrie console (except main power)
- c. Lights: Combination stop, turn & tail on bottom box light
- d. Lights: body clearance & reflectors (FMVSS standards)
- e. Connectors: external Deutsch Deutsch
- f. Back up alarm
- g. Electronic overspeed programming (If required)
- h. Packer controls in-cab
- i. Multi-cycle for packing ram (2 to 8 strokes)
- j. Proximity switch kit for packer & tailgate

3. SAFETY STANDARDS

- a. 5 lb. fire extinguisher, first aid kit, flare kit & triangle kit in-cab
- b. Warning light & buzzer: body raised & tailgate unlocked

- c. Tailgate guides
- d. Sensors: tailgate, body hoist & packer Limit switch Limit switch
- e. Positive lock: body hoist & tailgate on joystick
- f. Safety prop: body
- g. Safety prop: tailgate
- h. Warning light when arm extended & buzzer on speed higher than 5mph
- i. Conspicuity tape
- j. ANSI Z245.1-2008 Compliant

4. PAINT

- a. Grit-blasted body steel
- b. One color paint Urethane Urethane
- c. Marine rust inhibitor treatment on body
- d. Bolt-on parts are charcoal gray (rub rails, bumpers & light box)

5. HOPPER

- a. Floor, slope and side liners (3/16" Hardox 450 steel or better)
- b. Fully-enclosed, directly behind cab
- c. Packer dimensions 18 in. x 72 in.
- d. Packer cylinder stroke 40 in.
- e. Packer swept volume 1.31 cu.yd.
- f. Hopper access on both sides
- g. Exterior Packer controls: on RH-side Electric/Pneumatic
- h. Packing cylinders: 4" developping 75,400 lbs of compaction
- i. Remote greasing of central packing cylinders pin
- j. Warranty on Body & Hydraulics 1 Year
- k. Operator, Maintenance & Parts Manuals (paper & optical disk (DC or DVD))

6. HYDRAULIC / PNEUMATIC

- a. Arm section pump style & flowrate 16 gpm @ 700, Body section pump style & flowrate 38 gpm @ 1200 rpm
- b. Main valve Parker VG-35 Parker VG-35
- c. Directional valve for the arm Danfoss PVG32
- d. Arm operating pressure 2000 psi
- e. Body operating pressure - 2000psi for single axle units, 3000psi for tandem axle units
- f. Pressurized hydraulic tank (only with conventional cab) , 65 U.S. gal. ,
- g. Return line filter 5 micron
- h. Suction line strainer 100 mesh
- i. Zinc-plated hydraulic tubing
- j. Hydraulic hose nylon protection (Where required)
- k. Quick exhaust valve on pneumatic packer circuit
- l. Chassis frame-mounted oil tank with level / temperature gauge & oil suction, shut-off valve, clean out trap

7. AUTOMATED HELPING HAND SPECIFIC FEATURES

- a. AUTOMATED HELPING HAND - Dual Vane Pump, Front Mounted, Denison T6DC - OPERATE AT IDLE HYDRAULICS
- b. Standard Helping Hand - Horizontal reach from side of vehicle - 0" - 84"
- c. Long Reach Helping Hand - Horizontal reach from side of vehicle - 0" - 120"
- d. Maximum vertical dump height (without cart) above frame height - 89 in.
- e. Helping Hand Arm weight 1350 lbs.
- f. Maximum operating pressure 2000 psi
- g. Minimum arm cycle time 8 sec
- h. Arm lifting capacity (minimum reach) 400 lbs.
- i. Arm rest (with Sit-down drive only)
- j. On RH-side drive operation, joystick installed on LH-Side of steering except for International Cab conversion Stand Up drive.
- k. On Cab over, moveable joystick option is not available except for CCC.
 - l. Dual joystick is available on dual drive Cab Over.
- m. Gripper auto-close override

8. MANUAL / SEMI-AUTOMATED SPECIFIC FEATURES

a. MANUAL / SEMI-AUTOMATED - Pump Front mounted, Type, Model , Single Vane Denison T6D - DOES NOT OPERATE AT IDLE



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE EXPERT - 27 YD. SPECIFICATION #65

2016 Labrie Expert - 27 yd.

The Labrie Expert - 27 yd. purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$85,729.00	\$85,729.00	\$85,729.00	\$85,729.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Expert - 27 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$85,729.00	\$85,729.00	\$85,729.00	\$85,729.00

Order Code	Add Options	All Zones
	Automated Drop Frame Sideloader, Helping Hand Arm - 27 cu.yd. (27+0) <i>Add \$34,409.00 to the base 27 yard Expert cost to get the 27 yard automated price \$120,137.00 ¹</i>	\$34,409.00 ¹
	Manual / Semi-Automated Drop Frame Sideloader - 27 cu.yd. (27+0) - Tandem Axle <i>included in base 27 yard pricing. ¹</i>	Incl. ¹
	Helping Hand: LH-side, including split hopper Dutch doors. Co-mingle, Crusher panel, Long Reach not available <i>Duplicate option - Helping Hand arm already priced above ¹</i>	NA ¹
	Grabber counting device: counts number of carts dumped	\$180.00
	Spill shield: installed behind grabber	\$335.00
	Dual shield for Dual Helping Hand only: installed behind grabber	\$665.00
	Long Reach Extension (RH-side Helping Hand only)	\$3,445.00
	Grabber with bolted rubber blocks ILO straps	\$515.00
	L-H side cart tipper, Series 100 Actuator style. Includes Packer and Crusher panel controls	\$6,080.00
	L-H side cart tipper, Series 220 Cylinder style. Includes Packer and Crusher panel controls	\$6,510.00
	L-H side cart tipper, Series 330 Hi-Lift, Cylinder style. Includes Packer and Crusher panel controls	\$7,590.00
	L-H side cart tipper plumbing with additional controls package, for Customer supplied tipper install	\$1,750.00
	Arm joystick controls in-cab: Dual-side, moveable (N/A on all chassis types)	\$685.00
	Arm joystick controls in-cab: Dual joystick (Autocar-Peterbilt-Mack-Condor cab-over)	\$1,373.00
	Auxiliary arm controls in-cab: RH-side, (Mini-joystick style)	\$888.00
	Single crusher panel control: additional in-cab including limit switch on LH-side hopper door. Requires camera in hopper installed at factory.	\$575.00
	Dual crusher panels control: additional in-cab including limit switch on LH-side hopper door	\$808.00
	LH-side outside controls: Additional Packer and Crusher panel controls. Already included with Labrie installed tipper packages	\$560.00
	Packer control on joystick	\$250.00
	Crusher panel control on joystick	\$250.00
	R-H side cart tipper, Series 100 Actuator style (N/A with comingle units)	\$5,525.00
	R-H side cart tipper, Series 220 Cylinder style	\$5,955.00
	R-H side cart tipper, Series 330 Hi-Lift, Cylinder style, single cart	\$7,035.00
	R-H side cart tipper plumbing only (Includes flow divider and control valve)	\$1,951.00
	L-H side cart tipper, Series 100 Actuator style. Includes Packer and Crusher panel controls	\$6,080.00
	L-H side cart tipper, Series 220 Cylinder style. Includes Packer and Crusher panel controls	\$6,510.00
	L-H side cart tipper, Series 330 Hi-Lift, Cylinder style. Includes Packer and Crusher panel controls	\$7,590.00
	L-H side cart tipper plumbing with additional controls package, for Customer supplied tipper install	\$1,750.00

VEHICLE:	Expert - 27 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$85,729.00	\$85,729.00	\$85,729.00	\$85,729.00

LH-side outside controls: Additional Packer and Crusher panel controls. Already included with Labrie installed tipper packages	\$560.00
Drop-frame Modification by Labrie, Hydraulic and fuel tank not included, must be selected separately. Not available on Crane Carrier Chassis	\$7,470.00
Tanks, Saddle tanks: combo 65 gal. fuel / 71 gal. hydraulic (Cab-over Diesel)	\$5,370.00
Tanks, Saddle tanks: larger - combo 85 gal. fuel / 71 gal. Hydraulic (Cab-over Diesel)	\$6,390.00
Tank, Hydraulic tank in drop section - 65 gal. (All chassis Diesel or CNG)	\$1,760.00
Tank, Single hydraulic saddle tank - 65 gal. (Cab-over Diesel or CNG)	\$2,700.00
Tank, All chassis Diesel : Main Fuel tank in drop section - 65 gal.(If OEM tank cannot be used)	\$1,925.00
RH-side outside controls	Std
Hot-Shift PTO with pump mounted on crossmember(Automated or Manual)	\$2,665.00
Hydraulic oil heater: in-tank (Electric 110v)	\$1,070.00
Hydraulic pressure gauge on main valve	\$90.00
Hydraulic temperature gauge in multiplex display	\$260.00
Alarm for hydraulic filter replacement on return line	\$505.00
Alarm for hydraulic oil temperature	NA
Alarm for low hydraulic oil level & hydraulic oil temperature	\$878.00
Packer cylinders hydraulic oil regeneration (not available with ISL-G engine)	\$1,656.00
Body control valve: electric-over-hydraulic	\$980.00
Hour Meter connected to pump switch	\$242.00
Back-up Proximity Detection Sensor Radar System - Third Eye / AWTI	\$1,290.00
Light: amber strobe 6" Whelen L10 MOUNTED ON CAB; in-cab switch; Qty 1	\$470.00
Light: amber strobe 6" Whelen L41, MOUNTED ON CAB: in-cab switch; Qty 1	\$570.00
Lights: amber, alternating, flashing 4" LED in upper tailgate	\$460.00
Lights: amber, alternating, flashing 4" LED in front-of-body	\$460.00
Back up lights: Qty 2 additional on tailgate position 2/3 - 4" LED type	\$520.00
Back up lights: Qty 2 additional on tailgate position 1/2 - 4" LED type	\$50.00
Back up lights: Qty 2 additional on mid-body rubrails - LED type	\$520.00
Additional LED lighting package - additional red central brake light, stop, turn & tail lights in special tailgate light box	\$790.00
Bar light 48" LED light traffic director: Star Model 59050 in middle of tailgate - in cab switch	\$1,260.00
Light: amber strobe 6" Whelen L10, MOUNTED IN CENTER OF TAILGATE	\$470.00
Light: amber strobe 6" Whelen L41, MOUNTED IN CENTER OF TAILGATE	\$570.00
High Visibility Lighting Package - Contact Labrie Representative for complete details <i>Contact Labrie rep for further details.</i> ¹	NA ¹
Whelen Light Bar on Tailgate <i>Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2</i> ¹	\$1,510.00 ¹

VEHICLE:	Expert - 27 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$85,729.00	\$85,729.00	\$85,729.00	\$85,729.00

Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2	NA
Multifunction Light Pkg - 4) Multifunction round amber lights. 1) Oval center brake light in upper tailgate. 2) Round brake lights in upper tailgate light bar.	\$880.00
Work light kit: single, in-cab single manual switch - LED type	\$350.00
Work light kit: dual, in-cab single manual switch - LED type	\$540.00
Work light kit: triple, in-cab single manual switch - LED type	\$830.00
Single Safety Vision - 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$2,262.00
Single 3rd Eye - 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher.	\$1,172.00
Single Zone Defense - 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,240.00
Dual Safety Vision - 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$3,410.00
Dual 3rd Eye - 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher.	\$1,660.00
Dual Zone Defense - 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,610.00
Triple Safety Vision - 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$4,840.00
Triple 3rd Eye - 7" color LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher.	\$5,560.00
Triple Zone Defense - 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$2,070.00
Protection cages on cameras	\$250.00
Ground level grease points: for tailgate & hopper door hinges	\$975.00
Anti-sail bars on rear mudflaps (N/A with tag axle or comingle body)	\$131.00
Clean out tools (broom & shovel kit including brackets on RH-side door; hoe including bracket on LH body.	\$245.00
Fire extinguisher including brackets - 20 lbs.	\$310.00
Loading step (2), both sides at hopper: also requires safety panic bars	\$646.00
Panic bars/limit switch kit/2nd hand enable button (MOL 2004)	\$2,150.00
Panic bars only	\$1,670.00
Display Signs - 32in H. x 84in L.	\$1,280.00
Display Signs - 32in H. x 96in L.	\$1,320.00
Display Signs - 48in H. x 96in L.	\$1,375.00
Environmental spill kit installed on body	\$260.00
Retainer teeth under breaker bar	\$390.00
Toolbox: Aluminum, chassis-mounted, size 18" x 43" x 24". Shaped to fits in drop section	\$1,910.00
Toolbox: Aluminum, size: 24" x 24" x 14", (Location TBD, depending on space availability)	\$1,140.00
Rear tow hooks (2)	\$265.00

VEHICLE:	Expert - 27 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$85,729.00	\$85,729.00	\$85,729.00	\$85,729.00

Wheelbase modification: Lengthen single axle chassis WB (including longer ABS cable & drive shaft)	\$1,800.00
Wheelbase modification: Shorten single axle chassis WB	\$1,800.00
Wheelbase modification: Lengthen tandem axle chassis WB (including longer ABS cable & drive shaft)	\$2,700.00
Wheelbase modification: Shorten tandem axle chassis WB	\$2,700.00
Telma Axial Mount	\$11,510.00
13.5K Hendrickson Composilite steerable tag axle (including steel wheels and tires)	\$9,910.00
13.5K Hendrickson Composilite steerable tag axle (including aluminum wheels and tires)	\$10,985.00
1 Color Urethane Body Paint (Included in unit base price, Includes bolt-on parts painted body color)	Incl.
1 Color Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$1,715.00
2 Colors Urethane Body Paint (1 color separation, Includes bolt-on parts painted body color)	\$1,325.00
2 Colors Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$2,600.00
Ziebart undercoating on cab: chassis & body	\$1,980.00
DECAL - CAUTION THIS VEHICLE STOPS AND BACKS FREQUENTLY, 74.5in x 23.5in	\$175.00
DECAL - CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY BACK 50 FEET, 65in x 20in	\$175.00
DECAL - SLOW DOWN TO GET AROUND, 36in x 18in	\$175.00
PLAN A - Add 1 year on body & hydraulics for a total of 2 years	\$2,700.00
PLAN B - Add 2 years on hydraulics only for a total of 3 years	\$3,880.00
PLAN C - Add 4 years on hydraulic CYLINDERS only for a total of 5 years	\$7,430.00
PLAN D - Add 2 years on hydraulic CYLINDERS only for a total of 3 years	\$1,940.00
Pricing upon request - Please consult vendor for more information <i>Please contact Labrie rep for further details.</i> ¹	NA ¹
Pricing upon request - Please consult vendor for more information. <i>Please contact Labrie rep for further details.</i> ¹	NA ¹
Pricing upon request - Please consult vendor for more information <i>Please contact Labrie rep for further details.</i> ¹	NA ¹
Pricing upon request - Please consult vendor for more information. <i>Please contact Labrie rep for further details.</i> ¹	NA ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LABRIE EXPERT - 29 YD. (Specification #66)</u>			
Amick Equipment Co., Inc.	2016 Labrie Expert - 29 yd.	★Appalachia	\$86,422.00
Amick Equipment Co., Inc.	2016 Labrie Expert - 29 yd.	★Dogwood	\$86,422.00
Amick Equipment Co., Inc.	2016 Labrie Expert - 29 yd.	★Cardinal	\$86,422.00
Amick Equipment Co., Inc.	2016 Labrie Expert - 29 yd.	★Longleaf Pine	\$86,422.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE EXPERT - 29 YD. SPECIFICATION #66

2016 Labrie Expert - 29 yd.

**Labrie Expert Minimum Chassis Specifications - Tandem Axle UNITS;
Engine: Min. 300HP, 1000 lb/ft Torque; Allison 3000 RDS transmission;
GVWR, Minimum: 58,000 lbs.; Front Axle, Minimum: 18,000 lbs.; Rear
axle, Minimum: 40,000 lbs.; Effective CA (cab to Axle centerline):
TBD; After Frame, Minimum: 68"; NOTE: Contact body dealer for
detailed chassis specifications on each model truck. Chassis
specifications must be preapproved by Labrie Engineering prior to
order. Call for information on lift axles if customer requires one.**

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY

- a. Factory installation on suitable chassis
- b. Drop Frame hopper designed to be loaded by hand and/or used by Semi-automated cart tipper(s) or by fully automated Helping Hand arm.
- c. Tailgate rounded, sealed & hydraulically actuated
- d. Fully-automatic tailgate latches
- e. Hoist & tailgate controls: in-cab Pneumatic
- f. Hoist & tailgate indicator lights: in-cab
- g. Tailgate cylinders: 2.5" bore; double-acting; Qty 2
- h. Telescopic hoist: front-mounted; 6.5" bore with outer cover, Nitrided
- i. Rubberback Mud Guards with Labrie Logo
- j. Split hopper Dutch door (RH-side only) - Standard on Helping Hand Automated SL, but not on Manual/Semi-automated.

2. ELECTRICAL

- a. Lights: LED body, backup, license & mid-body turn signals
- b. Circuit breakers: manually-reset in Labrie console (except main power)
- c. Lights: Combination stop, turn & tail on bottom box light
- d. Lights: body clearance & reflectors (FMVSS standards)
- e. Connectors: external Deutsch Deutsch
- f. Back up alarm
- g. Electronic overspeed programming (If required)
- h. Packer controls in-cab
- i. Multi-cycle for packing ram (2 to 8 strokes)
- j. Proximity switch kit for packer & tailgate

3. SAFETY STANDARDS

- a. 5 lb. fire extinguisher, first aid kit, flare kit & triangle kit in-cab
- b. Warning light & buzzer: body raised & tailgate unlocked

- c. Tailgate guides
- d. Sensors: tailgate, body hoist & packer Limit switch Limit switch
- e. Positive lock: body hoist & tailgate on joystick
- f. Safety prop: body
- g. Safety prop: tailgate
- h. Warning light when arm extended & buzzer on speed higher than 5mph
- i. Conspicuity tape
- j. ANSI Z245.1-2008 Compliant

4. PAINT

- a. Grit-blasted body steel
- b. One color paint Urethane Urethane
- c. Marine rust inhibitor treatment on body
- d. Bolt-on parts are charcoal gray (rub rails, bumpers & light box)

5. HOPPER

- a. Floor, slope and side liners (3/16" Hardox 450 steel or better)
- b. Fully-enclosed, directly behind cab
- c. Packer dimensions 18 in. x 72 in.
- d. Packer cylinder stroke 40 in.
- e. Packer swept volume 1.31 cu.yd.
- f. Hopper access on both sides
- g. Exterior Packer controls: on RH-side Electric/Pneumatic
- h. Packing cylinders: 4" developping 75,400 lbs of compaction
- i. Remote greasing of central packing cylinders pin
- j. Warranty on Body & Hydraulics 1 Year
- k. Operator, Maintenance & Parts Manuals (paper & optical disk (DC or DVD))

6. HYDRAULIC / PNEUMATIC

- a. Arm section pump style & flowrate 16 gpm @ 700, Body section pump style & flowrate 38 gpm @ 1200 rpm
- b. Main valve Parker VG-35 Parker VG-35
- c. Directional valve for the arm Danfoss PVG32
- d. Arm operating pressure 2000 psi
- e. Body operating pressure - 2000psi for single axle units, 3000psi for tandem axle units
- f. Pressurized hydraulic tank (only with conventional cab) , 65 U.S. gal. ,
- g. Return line filter 5 micron
- h. Suction line strainer 100 mesh
- i. Zinc-plated hydraulic tubing
- j. Hydraulic hose nylon protection (Where required)
- k. Quick exhaust valve on pneumatic packer circuit
- l. Chassis frame-mounted oil tank with level / temperature gauge & oil suction, shut-off valve, clean out trap

7. AUTOMATED HELPING HAND SPECIFIC FEATURES

- a. AUTOMATED HELPING HAND - Dual Vane Pump, Front Mounted, Denison T6DC - OPERATE AT IDLE HYDRAULICS
- b. Standard Helping Hand - Horizontal reach from side of vehicle - 0" - 84"
- c. Long Reach Helping Hand - Horizontal reach from side of vehicle - 0" - 120"
- d. Maximum vertical dump height (without cart) above frame height - 89 in.
- e. Helping Hand Arm weight 1350 lbs.
- f. Maximum operating pressure 2000 psi
- g. Minimum arm cycle time 8 sec
- h. Arm lifting capacity (minimum reach) 400 lbs.
- i. Arm rest (with Sit-down drive only)
- j. On RH-side drive operation, joystick installed on LH-Side of steering except for International Cab conversion Stand Up drive.
- k. On Cab over, moveable joystick option is not available except for CCC.
 - l. Dual joystick is available on dual drive Cab Over.
- m. Gripper auto-close override

8. MANUAL / SEMI-AUTOMATED SPECIFIC FEATURES

a. MANUAL / SEMI-AUTOMATED - Pump Front mounted, Type, Model , Single Vane Denison T6D - DOES NOT OPERATE AT IDLE



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE EXPERT - 29 YD. SPECIFICATION #66

2016 Labrie Expert - 29 yd.

The Labrie Expert - 29 yd. purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$86,422.00	\$86,422.00	\$86,422.00	\$86,422.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Expert - 29 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$86,422.00	\$86,422.00	\$86,422.00	\$86,422.00

Order Code	Add Options	All Zones
	Automated Drop Frame Sideloader, Helping Hand Arm - 29 cu.yd. (27+2) <i>Add \$35028 to the base 29 yard manual unit to get the base price for the 29 yard automated unit. \$120,757.00¹</i>	\$35,028.00 ¹
		NA
	Manual / Semi-Automated Drop Frame Sideloader - 29 cu.yd. (27+2) - Tandem Axle <i>the base price for the 29 yard Expert is \$86,422.00¹</i>	Incl. ¹
	Helping Hand: LH-side, including split hopper Dutch doors. Co-mingle, Crusher panel, Long Reach not available <i>Duplicate option - Helping Hand arm already priced above¹</i>	NA ¹
	Grabber counting device: counts number of carts dumped	\$180.00
	Spill shield: installed behind grabber	\$335.00
	Dual shield for Dual Helping Hand only: installed behind grabber	\$665.00
	Long Reach Extension (RH-side Helping Hand only)	\$3,445.00
	Grabber with bolted rubber blocks ILO straps	\$515.00
	L-H side cart tipper, Series 100 Actuator style. Includes Packer and Crusher panel controls	\$6,080.00
	L-H side cart tipper, Series 220 Cylinder style. Includes Packer and Crusher panel controls	\$6,510.00
	L-H side cart tipper, Series 330 Hi-Lift, Cylinder style. Includes Packer and Crusher panel controls	\$7,590.00
	L-H side cart tipper plumbing with additional controls package, for Customer supplied tipper install	\$1,750.00
	Arm joystick controls in-cab: Dual-side, moveable (N/A on all chassis types)	\$685.00
	Arm joystick controls in-cab: Dual joystick (Autocar-Peterbilt-Mack-Condor cab-over)	\$173.00
	Auxiliary arm controls in-cab: RH-side, (Mini-joystick style)	\$888.00
	Single crusher panel control: additional in-cab including limit switch on LH-side hopper door. Requires camera in hopper installed at factory.	\$575.00
	Dual crusher panels control: additional in-cab including limit switch on LH-side hopper door	\$808.00
	LH-side outside controls: Additional Packer and Crusher panel controls. Already included with Labrie installed tipper packages	\$560.00
	Packer control on joystick	\$250.00
	Crusher panel control on joystick	\$250.00
	R-H side cart tipper, Series 100 Actuator style (N/A with comingle units)	\$5,525.00
	R-H side cart tipper, Series 220 Cylinder style	\$5,955.00
	R-H side cart tipper, Series 330 Hi-Lift, Cylinder style, single cart	\$7,035.00
	R-H side cart tipper plumbing only (Includes flow divider and control valve)	\$1,951.00
	L-H side cart tipper, Series 100 Actuator style. Includes Packer and Crusher panel controls	\$6,080.00
	L-H side cart tipper, Series 220 Cylinder style. Includes Packer and Crusher panel controls	\$6,510.00
	L-H side cart tipper, Series 330 Hi-Lift, Cylinder style. Includes Packer and Crusher panel controls	\$7,590.00

VEHICLE:	Expert - 29 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$86,422.00	\$86,422.00	\$86,422.00	\$86,422.00

L-H side cart tipper plumbing with additional controls package, for Customer supplied tipper install	\$1,750.00
LH-side outside controls: Additional Packer and Crusher panel controls. Already included with Labrie installed tipper packages	\$560.00
Drop-frame Modification by Labrie, Hydraulic and fuel tank not included, must be selected separately. Not available on Crane Carrier Chassis	\$7,470.00
Tanks, Saddle tanks: combo 65 gal. fuel / 71 gal. hydraulic (Cab-over Diesel)	\$5,370.00
Tanks, Saddle tanks: larger - combo 85 gal. fuel / 71 gal. Hydraulic (Cab-over Diesel)	\$6,390.00
Tank, Hydraulic tank in drop section - 65 gal. (All chassis Diesel or CNG)	\$1,760.00
Tank, Single hydraulic saddle tank - 65 gal. (Cab-over Diesel or CNG)	\$2,700.00
Tank, All chassis Diesel : Main Fuel tank in drop section - 65 gal.(If OEM tank cannot be used)	\$1,925.00
RH-side outside controls	Std
Hot-Shift PTO with pump mounted on crossmember(Automated or Manual)	\$2,665.00
Hydraulic oil heater: in-tank (Electric 110v)	\$1,070.00
Hydraulic pressure gauge on main valve	\$90.00
Hydraulic temperature gauge in multiplex display	\$260.00
Alarm for hydraulic filter replacement on return line	\$505.00
Alarm for hydraulic oil temperature	NA
Alarm for low hydraulic oil level & hydraulic oil temperature	\$878.00
Packer cylinders hydraulic oil regeneration (not available with ISL-G engine)	\$1,656.00
Body control valve: electric-over-hydraulic	\$980.00
Hour Meter connected to pump switch	\$242.00
Back-up Proximity Detection Sensor Radar System - Third Eye / AWTI	\$1,290.00
Light: amber strobe 6" Whelen L10 MOUNTED ON CAB; in-cab switch; Qty 1	\$470.00
Light: amber strobe 6" Whelen L41, MOUNTED ON CAB: in-cab switch; Qty 1	\$570.00
Lights: amber, alternating, flashing 4" LED in upper tailgate	\$460.00
Lights: amber, alternating, flashing 4" LED in front-of-body	\$460.00
Back up lights: Qty 2 additional on tailgate position 2/3 - 4" LED type	\$520.00
Back up lights: Qty 2 additional on tailgate position 1/2 - 4" LED type	\$520.00
Back up lights: Qty 2 additional on mid-body rubrails - LED type	\$520.00
Additional LED lighting package - additional red central brake light, stop, turn & tail lights in special tailgate light box	\$790.00
Bar light 48" LED light traffic director: Star Model 59050 in middle of tailgate - in cab switch	\$1,260.00
Light: amber strobe 6" Whelen L10, MOUNTED IN CENTER OF TAILGATE	\$470.00
Light: amber strobe 6" Whelen L41, MOUNTED IN CENTER OF TAILGATE	\$570.00
High Visibility Lighting Package - Contact Labrie Representative for complete details	NA

VEHICLE:	Expert - 29 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$86,422.00	\$86,422.00	\$86,422.00	\$86,422.00

Whelen Light Bar on Tailgate <i>Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2</i> ¹	\$1,510.00 ¹
Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2	NA
Multifunction Light Pkg - 4) Multifunction round amber lights. 1) Oval center brake light in upper tailgate. 2) Round brake lights in upper tailgate light bar.	\$880.00
Work light kit: single, in-cab single manual switch - LED type	\$350.00
Work light kit: dual, in-cab single manual switch - LED type	\$540.00
Work light kit: triple, in-cab single manual switch - LED type	\$830.00
Single Safety Vision - 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$2,262.00
Single 3rd Eye - 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher.	\$1,172.00
Single Zone Defense - 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,240.00
Dual Safety Vision - 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$3,410.00
Dual 3rd Eye - 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher.	\$1,660.00
Dual Zone Defense - 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,610.00
Triple Safety Vision - 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$4,840.00
Triple 3rd Eye - 7" color LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher.	\$2,260.00
Triple Zone Defense - 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$2,070.00
Protection cages on cameras	\$250.00
Ground level grease points: for tailgate & hopper door hinges	\$975.00
Anti-sail bars on rear mudflaps (N/A with tag axle or comingle body)	\$131.00
Clean out tools (broom & shovel kit including brackets on RH-side door; hoe including bracket on LH body.	\$245.00
Fire extinguisher including brackets - 20 lbs.	\$310.00
Loading step (2), both sides at hopper: also requires safety panic bars	\$646.00
Panic bars/limit switch kit/2nd hand enable button (MOL 2004)	\$2,150.00
Panic bars only	\$1,670.00
Display Signs - 32in H. x 84in L.	\$1,280.00
Display Signs - 32in H. x 96in L.	\$1,320.00
Display Signs - 48in H. x 96in L.	\$1,375.00
Environmental spill kit installed on body	\$260.00
Retainer teeth under breaker bar	\$390.00
Toolbox: Aluminum, chassis-mounted, size 18" x 43" x 24". Shaped to fits in drop section	\$1,910.00

VEHICLE:	Expert - 29 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$86,422.00	\$86,422.00	\$86,422.00	\$86,422.00

Toolbox: Aluminum, size: 24" x 24" x 14", (Location TBD, depending on space availability)	\$1,140.00
Rear tow hooks (2)	\$265.00
Wheelbase modification: Lengthen single axle chassis WB (including longer ABS cable & drive shaft)	\$1,800.00
Wheelbase modification: Shorten single axle chassis WB	\$1,800.00
Wheelbase modification: Lengthen tandem axle chassis WB (including longer ABS cable & drive shaft)	\$2,700.00
Wheelbase modification: Shorten tandem axle chassis WB	\$2,700.00
Telma Axial Mount	\$11,510.00
13.5K Hendrickson Composites steerable tag axle (including steel wheels and tires)	\$9,910.00
13.5K Hendrickson Composites steerable tag axle (including aluminum wheels and tires)	\$10,985.00
1 Color Urethane Body Paint (Included in unit base price, Includes bolt-on parts painted body color)	Incl.
1 Color Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$1,715.00
2 Colors Urethane Body Paint (1 color separation, Includes bolt-on parts painted body color)	\$1,325.00
2 Colors Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$2,600.00
Ziebart undercoating on cab: chassis & body	\$1,980.00
DECAL - CAUTION THIS VEHICLE STOPS AND BACKS FREQUENTLY, 74.5in x 23.5in	\$175.00
DECAL - CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY BACK 50 FEET, 65in x 20in	\$175.00
DECAL - SLOW DOWN TO GET AROUND, 36in x 18in	\$175.00
PLAN A - Add 1 year on body & hydraulics for a total of 2 years	\$2,700.00
PLAN B - Add 2 years on hydraulics only for a total of 3 years	\$3,880.00
PLAN C - Add 4 years on hydraulic CYLINDERS only for a total of 5 years	\$7,430.00
PLAN D - Add 2 years on hydraulic CYLINDERS only for a total of 3 years	\$1,940.00
Pricing upon request - Please consult vendor for more information <i>Please contact local Labrie rep for complete details and current pricing.</i> ¹	NA ¹
Pricing upon request - Please consult vendor for more information. <i>Please contact local Labrie rep for complete details and current pricing.</i> ¹	NA ¹
Pricing upon request - Please consult vendor for more information <i>Please contact local Labrie rep for complete details and current pricing.</i> ¹	NA ¹
Pricing upon request - Please consult vendor for more information. <i>Please contact local Labrie rep for complete details and current pricing.</i> ¹	NA ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LABRIE EXPERT - 31 YD. (Specification #67)</u>			
Amick Equipment Co., Inc.	2016 Labrie Expert - 31 yd.	★Appalachia	\$87,985.00
Amick Equipment Co., Inc.	2016 Labrie Expert - 31 yd.	★Dogwood	\$87,985.00
Amick Equipment Co., Inc.	2016 Labrie Expert - 31 yd.	★Cardinal	\$87,985.00
Amick Equipment Co., Inc.	2016 Labrie Expert - 31 yd.	★Longleaf Pine	\$87,985.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE EXPERT - 31 YD. SPECIFICATION #67

2016 Labrie Expert - 31 yd.

**Labrie Expert Minimum Chassis Specifications - Tandem Axle UNITS;
Engine: Min. 300HP, 1000 lb/ft Torque; Allison 3000 RDS transmission;
GVWR, Minimum: 58,000 lbs.; Front Axle, Minimum: 18,000 lbs.; Rear
axle, Minimum: 40,000 lbs.; Effective CA (cab to Axle centerline):
TBD; After Frame, Minimum: 68"; NOTE: Contact body dealer for
detailed chassis specifications on each model truck. Chassis
specifications must be preapproved by Labrie Engineering prior to
order. Call for information on lift axles if customer requires one.**

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY

- a. Factory installation on suitable chassis
- b. Drop Frame hopper designed to be loaded by hand and/or used by Semi-automated cart tipper(s) or by fully automated Helping Hand arm.
- c. Tailgate rounded, sealed & hydraulically actuated
- d. Fully-automatic tailgate latches
- e. Hoist & tailgate controls: in-cab Pneumatic
- f. Hoist & tailgate indicator lights: in-cab
- g. Tailgate cylinders: 2.5" bore; double-acting; Qty 2
- h. Telescopic hoist: front-mounted; 6.5" bore with outer cover, Nitrided
- i. Rubberback Mud Guards with Labrie Logo
- j. Split hopper Dutch door (RH-side only) - Standard on Helping Hand Automated SL, but not on Manual/Semi-automated.

2. ELECTRICAL

- a. Lights: LED body, backup, license & mid-body turn signals
- b. Circuit breakers: manually-reset in Labrie console (except main power)
- c. Lights: Combination stop, turn & tail on bottom box light
- d. Lights: body clearance & reflectors (FMVSS standards)
- e. Connectors: external Deutsch Deutsch
- f. Back up alarm
- g. Electronic overspeed programming (If required)
- h. Packer controls in-cab
- i. Multi-cycle for packing ram (2 to 8 strokes)
- j. Proximity switch kit for packer & tailgate

3. SAFETY STANDARDS

- a. 5 lb. fire extinguisher, first aid kit, flare kit & triangle kit in-cab
- b. Warning light & buzzer: body raised & tailgate unlocked

- c. Tailgate guides
- d. Sensors: tailgate, body hoist & packer Limit switch Limit switch
- e. Positive lock: body hoist & tailgate on joystick
- f. Safety prop: body
- g. Safety prop: tailgate
- h. Warning light when arm extended & buzzer on speed higher than 5mph
- i. Conspicuity tape
- j. ANSI Z245.1-2008 Compliant

4. PAINT

- a. Grit-blasted body steel
- b. One color paint Urethane Urethane
- c. Marine rust inhibitor treatment on body
- d. Bolt-on parts are charcoal gray (rub rails, bumpers & light box)

5. HOPPER

- a. Floor, slope and side liners (3/16" Hardox 450 steel or better)
- b. Fully-enclosed, directly behind cab
- c. Packer dimensions 18 in. x 72 in.
- d. Packer cylinder stroke 40 in.
- e. Packer swept volume 1.31 cu.yd.
- f. Hopper access on both sides
- g. Exterior Packer controls: on RH-side Electric/Pneumatic
- h. Packing cylinders: 4" developping 75,400 lbs of compaction
- i. Remote greasing of central packing cylinders pin
- j. Warranty on Body & Hydraulics 1 Year
- k. Operator, Maintenance & Parts Manuals (paper & optical disk (DC or DVD))

6. HYDRAULIC / PNEUMATIC

- a. Arm section pump style & flowrate 16 gpm @ 700, Body section pump style & flowrate 38 gpm @ 1200 rpm
- b. Main valve Parker VG-35 Parker VG-35
- c. Directional valve for the arm Danfoss PVG32
- d. Arm operating pressure 2000 psi
- e. Body operating pressure - 2000psi for single axle units, 3000psi for tandem axle units
- f. Pressurized hydraulic tank (only with conventional cab) , 65 U.S. gal. ,
- g. Return line filter 5 micron
- h. Suction line strainer 100 mesh
- i. Zinc-plated hydraulic tubing
- j. Hydraulic hose nylon protection (Where required)
- k. Quick exhaust valve on pneumatic packer circuit
- l. Chassis frame-mounted oil tank with level / temperature gauge & oil suction, shut-off valve, clean out trap

7. AUTOMATED HELPING HAND SPECIFIC FEATURES

- a. AUTOMATED HELPING HAND - Dual Vane Pump, Front Mounted, Denison T6DC - OPERATE AT IDLE HYDRAULICS
- b. Standard Helping Hand - Horizontal reach from side of vehicle - 0" - 84"
- c. Long Reach Helping Hand - Horizontal reach from side of vehicle - 0" - 120"
- d. Maximum vertical dump height (without cart) above frame height - 89 in.
- e. Helping Hand Arm weight 1350 lbs.
- f. Maximum operating pressure 2000 psi
- g. Minimum arm cycle time 8 sec
- h. Arm lifting capacity (minimum reach) 400 lbs.
- i. Arm rest (with Sit-down drive only)
- j. On RH-side drive operation, joystick installed on LH-Side of steering except for International Cab conversion Stand Up drive.
- k. On Cab over, moveable joystick option is not available except for CCC.
 - l. Dual joystick is available on dual drive Cab Over.
- m. Gripper auto-close override

8. MANUAL / SEMI-AUTOMATED SPECIFIC FEATURES

a. MANUAL / SEMI-AUTOMATED - Pump Front mounted, Type, Model , Single Vane Denison T6D - DOES NOT OPERATE AT IDLE



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE EXPERT - 31 YD. SPECIFICATION #67

2016 Labrie Expert - 31 yd.

The Labrie Expert - 31 yd. purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$87,985.00	\$87,985.00	\$87,985.00	\$87,985.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Expert - 31 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$87,985.00	\$87,985.00	\$87,985.00	\$87,985.00

Order Code	Add Options	All Zones
	Automated Drop Frame Sideloader, Helping Hand Arm - 31 cu.yd. (27+4) <i>Add \$34271 to the base 31 yard manual unit to get the automated price of \$121394. ¹</i>	\$34,271.00 ¹
	Automated Drop Frame Sideloader, Helping Hand Arm - 31 cu.yd. (31+0) - For Tag axle or Telma <i>Add \$34271 to the base 31 yard manual unit to get the automated price of \$121394 for tag axle units or Telma options. ¹</i>	\$34,271.00 ¹
	Manual / Semi-Automated Drop Frame Sideloader - 31 cu.yd. (27+4) - Tandem Axle <i>this is the base unit listed ¹</i>	Incl. ¹
	Manual / Semi-Automated Drop Frame Sideloader - 31 cu.yd. (31+0) - Tandem with Tag axle or Telma <i>same price as the (27+4) unit. ¹</i>	Incl. ¹
	Helping Hand: LH-side, including split hopper Dutch doors. Co-mingle, Crusher panel, Long Reach not available <i>Duplicate option - Helping Hand arm already priced above ¹</i>	NA ¹
	Grabber counting device: counts number of carts dumped	\$180.00
	Spill shield: installed behind grabber	\$335.00
	Dual shield for Dual Helping Hand only: installed behind grabber	\$665.00
	Long Reach Extension (RH-side Helping Hand only)	\$3,445.00
	Grabber with bolted rubber blocks ILO straps	\$515.00
	L-H side cart tipper, Series 100 Actuator style. Includes Packer and Crusher panel controls	\$6,080.00
	L-H side cart tipper, Series 220 Cylinder style. Includes Packer and Crusher panel controls	\$65,110.00
	L-H side cart tipper, Series 330 Hi-Lift, Cylinder style. Includes Packer and Crusher panel controls	\$7,590.00
	L-H side cart tipper plumbing with additional controls package, for Customer supplied tipper install	\$1,750.00
	Arm joystick controls in-cab: Dual-side, moveable (N/A on all chassis types)	\$685.00
	Arm joystick controls in-cab: Dual joystick (Autocar-Peterbilt-Mack-Condor cab-over)	\$1,373.00
	Auxiliary arm controls in-cab: RH-side, (Mini-joystick style)	\$888.00
	Single crusher panel control: additional in-cab including limit switch on LH-side hopper door. Requires camera in hopper installed at factory.	\$585.00
	Dual crusher panels control: additional in-cab including limit switch on LH-side hopper door	\$808.00
	LH-side outside controls: Additional Packer and Crusher panel controls. Already included with Labrie installed tipper packages	\$560.00
	Packer control on joystick	\$250.00
	Crusher panel control on joystick	\$250.00
	R-H side cart tipper, Series 100 Actuator style (N/A with comingle units)	\$5,525.00
	R-H side cart tipper, Series 220 Cylinder style	\$5,955.00
	R-H side cart tipper, Series 330 Hi-Lift, Cylinder style, single cart	\$7,035.00
	R-H side cart tipper plumbing only (Includes flow divider and control valve)	\$1,951.00

VEHICLE:	Expert - 31 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$87,985.00	\$87,985.00	\$87,985.00	\$87,985.00

L-H side cart tipper, Series 100 Actuator style. Includes Packer and Crusher panel controls	\$6,080.00
L-H side cart tipper, Series 220 Cylinder style. Includes Packer and Crusher panel controls	\$6,510.00
L-H side cart tipper, Series 330 Hi-Lift, Cylinder style. Includes Packer and Crusher panel controls	\$7,590.00
L-H side cart tipper plumbing with additional controls package, for Customer supplied tipper install	\$1,750.00
LH-side outside controls: Additional Packer and Crusher panel controls. Already included with Labrie installed tipper packages	\$560.00
Drop-frame Modification by Labrie, Hydraulic and fuel tank not included, must be selected separately. Not available on Crane Carrier Chassis	\$7,470.00
Tanks, Saddle tanks: combo 65 gal. fuel / 71 gal. hydraulic (Cab-over Diesel)	\$5,370.00
Tanks, Saddle tanks: larger - combo 85 gal. fuel / 71 gal. Hydraulic (Cab-over Diesel)	\$6,390.00
Tank, Hydraulic tank in drop section - 65 gal. (All chassis Diesel or CNG)	\$1,760.00
Tank, Single hydraulic saddle tank - 65 gal. (Cab-over Diesel or CNG)	\$2,700.00
Tank, All chassis Diesel : Main Fuel tank in drop section - 65 gal.(If OEM tank cannot be used)	\$1,725.00
RH-side outside controls	Std
Hot-Shift PTO with pump mounted on crossmember(Automated or Manual)	\$2,665.00
Hydraulic oil heater: in-tank (Electric 110v)	\$70.00
Hydraulic pressure gauge on main valve	\$90.00
Hydraulic temperature gauge in multiplex display	\$260.00
Alarm for hydraulic filter replacement on return line	\$505.00
Alarm for hydraulic oil temperature	NA
Alarm for low hydraulic oil level & hydraulic oil temperature	\$878.00
Packer cylinders hydraulic oil regeneration (not available with ISL-G engine)	\$1,656.00
Body control valve: electric-over-hydraulic	\$980.00
Hour Meter connected to pump switch	\$242.00
Back-up Proximity Detection Sensor Radar System - Third Eye / AWTI	\$1,290.00
Light: amber strobe 6" Whelen L10 MOUNTED ON CAB; in-cab switch; Qty 1	\$470.00
Light: amber strobe 6" Whelen L41, MOUNTED ON CAB: in-cab switch; Qty 1	\$570.00
Lights: amber, alternating, flashing 4" LED in upper tailgate	\$460.00
Lights: amber, alternating, flashing 4" LED in front-of-body	\$460.00
Back up lights: Qty 2 additional on tailgate position 2/3 - 4" LED type	\$50.00
Back up lights: Qty 2 additional on tailgate position 1/2 - 4" LED type	\$520.00
Back up lights: Qty 2 additional on mid-body rubrails - LED type	\$520.00
Additional LED lighting package - additional red central brake light, stop, turn & tail lights in special tailgate light box	\$790.00
Bar light 48" LED light traffic director: Star Model 59050 in middle of tailgate - in cab switch	\$1,260.00
Light: amber strobe 6" Whelen L10, MOUNTED IN CENTER OF TAILGATE	\$470.00
Light: amber strobe 6" Whelen L41, MOUNTED IN CENTER OF TAILGATE	\$570.00

VEHICLE:	Expert - 31 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$87,985.00	\$87,985.00	\$87,985.00	\$87,985.00

High Visibility Lighting Package - Contact Labrie Representative for complete details	NA
Whelen Light Bar on Tailgate <i>Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2¹</i>	\$1,510.00 ¹
Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2	NA
Multifunction Light Pkg - 4) Multifunction round amber lights. 1) Oval center brake light in upper tailgate. 2) Round brake lights in upper tailgate light bar.	\$880.00
Work light kit: single, in-cab single manual switch - LED type	\$350.00
Work light kit: dual, in-cab single manual switch - LED type	\$540.00
Work light kit: triple, in-cab single manual switch - LED type	\$830.00
Single Safety Vision - 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$2,262.00
Single 3rd Eye - 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher.	\$1,172.00
Single Zone Defense - 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,240.00
Dual Safety Vision - 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$3,410.00
Dual 3rd Eye - 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher.	\$1,660.00
Dual Zone Defense - 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,610.00
Triple Safety Vision - 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$4,840.00
Triple 3rd Eye - 7" color LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher.	\$2,260.00
Triple Zone Defense - 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$2,070.00
Protection cages on cameras	\$250.00
Ground level grease points: for tailgate & hopper door hinges	\$975.00
Anti-sail bars on rear mudflaps (N/A with tag axle or comingle body)	\$131.00
Clean out tools (broom & shovel kit including brackets on RH-side door; hoe including bracket on LH body.	\$245.00
Fire extinguisher including brackets - 20 lbs.	\$310.00
Loading step (2), both sides at hopper: also requires safety panic bars	\$646.00
Panic bars/limit switch kit/2nd hand enable button (MOL 2004)	\$2,150.00
Panic bars only	\$1,670.00
Display Signs - 32in H. x 84in L.	\$11,280.00
Display Signs - 32in H. x 96in L.	\$1,320.00
Display Signs - 48in H. x 96in L.	\$1,375.00
Environmental spill kit installed on body	\$260.00
Retainer teeth under breaker bar	\$390.00

VEHICLE:	Expert - 31 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$87,985.00	\$87,985.00	\$87,985.00	\$87,985.00

Toolbox: Aluminum, chassis-mounted, size 18" x 43" x 24". Shaped to fits in drop section	\$1,910.00
Toolbox: Aluminum, size: 24" x 24" x 14", (Location TBD, depending on space availability)	\$1,140.00
Rear tow hooks (2)	\$265.00
Wheelbase modification: Lenghten single axle chassis WB (including longer ABS cable & drive shaft)	\$1,800.00
Wheelbase modification: Shorten single axle chassis WB	\$1,800.00
Wheelbase modification: Lenghten tandem axle chassis WB (including longer ABS cable & drive shaft)	\$2,700.00
Wheelbase modification: Shorten tandem axle chassis WB	\$2,700.00
Telma Axial Mount	\$11,510.00
13.5K Hendrickson Composilite steerable tag axle (including steel wheels and tires)	\$9,910.00
13.5K Hendrickson Composilite steerable tag axle (including aluminum wheels and tires)	\$10,985.00
1 Color Urethane Body Paint (Included in unit base price, Includes bolt-on parts painted body color)	Incl.
1 Color Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$1,715.00
2 Colors Urethane Body Paint (1 color separation, Includes bolt-on parts painted body color)	\$1,325.00
2 Colors Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$2,600.00
Ziebart undercoating on cab: chassis & body	\$1,980.00
DECAL - CAUTION THIS VEHICLE STOPS AND BACKS FREQUENTLY, 74.5in x 23.5in	\$175.00
DECAL - CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY BACK 50 FEET, 65in x 20in	\$175.00
DECAL - SLOW DOWN TO GET AROUND, 36in x 18in	\$175.00
PLAN A - Add 1 year on body & hydraulics for a total of 2 years	\$2,700.00
PLAN B - Add 2 years on hydraulics only for a total of 3 years	\$3,880.00
PLAN C - Add 4 years on hydraulic CYLINDERS only for a total of 5 years	\$7,430.00
PLAN D - Add 2 years on hydraulic CYLINDERS only for a total of 3 years	\$1,940.00
Pricing upon request - Please consult vendor for more information <i>Please contact your local Labrie rep for complete details and pricing.</i> ¹	NA ¹
Pricing upon request - Please consult vendor for more information. <i>Please contact your local Labrie rep for complete details and pricing.</i> ¹	NA ¹
Pricing upon request - Please consult vendor for more information <i>Please contact your local Labrie rep for complete details and pricing.</i> ¹	NA ¹
Pricing upon request - Please consult vendor for more information. <i>Please contact your local Labrie rep for complete details and pricing.</i> ¹	NA ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LABRIE EXPERT - 33 YD. (Specification #68)</u>			
Amick Equipment Co., Inc.	2016 Labrie Expert - 33 yd.	★Appalachia	\$87,985.00
Amick Equipment Co., Inc.	2016 Labrie Expert - 33 yd.	★Dogwood	\$87,985.00
Amick Equipment Co., Inc.	2016 Labrie Expert - 33 yd.	★Cardinal	\$87,985.00
Amick Equipment Co., Inc.	2016 Labrie Expert - 33 yd.	★Longleaf Pine	\$87,985.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE EXPERT - 33 YD. SPECIFICATION #68

2016 Labrie Expert - 33 yd.

**Labrie Expert Minimum Chassis Specifications - Tandem Axle UNITS;
Engine: Min. 300HP, 1000 lb/ft Torque; Allison 3000 RDS transmission;
GVWR, Minimum: 58,000 lbs.; Front Axle, Minimum: 18,000 lbs.; Rear
axle, Minimum: 40,000 lbs.; Effective CA (cab to Axle centerline):
TBD; After Frame, Minimum: 68"; NOTE: Contact body dealer for
detailed chassis specifications on each model truck. Chassis
specifications must be preapproved by Labrie Engineering prior to
order. Call for information on lift axles if customer requires one.**

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY

- a. Factory installation on suitable chassis
- b. Drop Frame hopper designed to be loaded by hand and/or used by Semi-automated cart tipper(s) or by fully automated Helping Hand arm.
- c. Tailgate rounded, sealed & hydraulically actuated
- d. Fully-automatic tailgate latches
- e. Hoist & tailgate controls: in-cab Pneumatic
- f. Hoist & tailgate indicator lights: in-cab
- g. Tailgate cylinders: 2.5" bore; double-acting; Qty 2
- h. Telescopic hoist: front-mounted; 6.5" bore with outer cover, Nitrided
- i. Rubberback Mud Guards with Labrie Logo
- j. Split hopper Dutch door (RH-side only) - Standard on Helping Hand Automated SL, but not on Manual/Semi-automated.

2. ELECTRICAL

- a. Lights: LED body, backup, license & mid-body turn signals
- b. Circuit breakers: manually-reset in Labrie console (except main power)
- c. Lights: Combination stop, turn & tail on bottom box light
- d. Lights: body clearance & reflectors (FMVSS standards)
- e. Connectors: external Deutsch Deutsch
- f. Back up alarm
- g. Electronic overspeed programming (If required)
- h. Packer controls in-cab
- i. Multi-cycle for packing ram (2 to 8 strokes)
- j. Proximity switch kit for packer & tailgate

3. SAFETY STANDARDS

- a. 5 lb. fire extinguisher, first aid kit, flare kit & triangle kit in-cab
- b. Warning light & buzzer: body raised & tailgate unlocked

- c. Tailgate guides
- d. Sensors: tailgate, body hoist & packer Limit switch Limit switch
- e. Positive lock: body hoist & tailgate on joystick
- f. Safety prop: body
- g. Safety prop: tailgate
- h. Warning light when arm extended & buzzer on speed higher than 5mph
- i. Conspicuity tape
- j. ANSI Z245.1-2008 Compliant

4. PAINT

- a. Grit-blasted body steel
- b. One color paint Urethane Urethane
- c. Marine rust inhibitor treatment on body
- d. Bolt-on parts are charcoal gray (rub rails, bumpers & light box)

5. HOPPER

- a. Floor, slope and side liners (3/16" Hardox 450 steel or better)
- b. Fully-enclosed, directly behind cab
- c. Packer dimensions 18 in. x 72 in.
- d. Packer cylinder stroke 40 in.
- e. Packer swept volume 1.31 cu.yd.
- f. Hopper access on both sides
- g. Exterior Packer controls: on RH-side Electric/Pneumatic
- h. Packing cylinders: 4" developping 75,400 lbs of compaction
- i. Remote greasing of central packing cylinders pin
- j. Warranty on Body & Hydraulics 1 Year
- k. Operator, Maintenance & Parts Manuals (paper & optical disk (DC or DVD))

6. HYDRAULIC / PNEUMATIC

- a. Arm section pump style & flowrate 16 gpm @ 700, Body section pump style & flowrate 38 gpm @ 1200 rpm
- b. Main valve Parker VG-35 Parker VG-35
- c. Directional valve for the arm Danfoss PVG32
- d. Arm operating pressure 2000 psi
- e. Body operating pressure - 2000psi for single axle units, 3000psi for tandem axle units
- f. Pressurized hydraulic tank (only with conventional cab) , 65 U.S. gal. ,
- g. Return line filter 5 micron
- h. Suction line strainer 100 mesh
- i. Zinc-plated hydraulic tubing
- j. Hydraulic hose nylon protection (Where required)
- k. Quick exhaust valve on pneumatic packer circuit
- l. Chassis frame-mounted oil tank with level / temperature gauge & oil suction, shut-off valve, clean out trap

7. AUTOMATED HELPING HAND SPECIFIC FEATURES

- a. AUTOMATED HELPING HAND - Dual Vane Pump, Front Mounted, Denison T6DC - OPERATE AT IDLE HYDRAULICS
- b. Standard Helping Hand - Horizontal reach from side of vehicle - 0" - 84"
- c. Long Reach Helping Hand - Horizontal reach from side of vehicle - 0" - 120"
- d. Maximum vertical dump height (without cart) above frame height - 89 in.
- e. Helping Hand Arm weight 1350 lbs.
- f. Maximum operating pressure 2000 psi
- g. Minimum arm cycle time 8 sec
- h. Arm lifting capacity (minimum reach) 400 lbs.
- i. Arm rest (with Sit-down drive only)
- j. On RH-side drive operation, joystick installed on LH-Side of steering except for International Cab conversion Stand Up drive.
- k. On Cab over, moveable joystick option is not available except for CCC.
 - l. Dual joystick is available on dual drive Cab Over.
- m. Gripper auto-close override

8. MANUAL / SEMI-AUTOMATED SPECIFIC FEATURES

a. MANUAL / SEMI-AUTOMATED - Pump Front mounted, Type, Model , Single Vane Denison T6D - DOES NOT OPERATE AT IDLE



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE EXPERT - 33 YD. SPECIFICATION #68

2016 Labrie Expert - 33 yd.

The Labrie Expert - 33 yd. purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$87,985.00	\$87,985.00	\$87,985.00	\$87,985.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Expert - 33 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$87,985.00	\$87,985.00	\$87,985.00	\$87,985.00

Order Code	Add Options	All Zones
	Automated Drop Frame Sideloaders, Helping Hand Arm - 33 cu.yd. (27+6) <i>Add \$34,264.00 to the base 33 yard Expert Manual unit to get the 33 yard Expert Automated unit. \$122,249.00¹</i>	\$34,264.00 ¹
	Automated Drop Frame Sideloaders, Helping Hand Arm - 33 cu.yd. (31+2) - For Tag axle or Telma <i>Add \$35,324.00 to the base 33 yard Expert Manual unit to get the 33 yard Expert Automated unit for tag axle or telma option. \$123,309.00¹</i>	\$35,324.00 ¹
	Automated Drop Frame Sideloaders, Helping Hand Arm - 35 cu.yd. (31+4) - For Tag axle or Telma <i>Add \$36,184.00 to the base 33 yard Expert Manual unit to get the 35 yard Expert Automated unit for tag axle and telma option. \$124,169.00¹</i>	\$36,184.00 ¹
	Automated Drop Frame Sideloaders, Helping Hand Arm - 37 cu.yd. (31+6) - For Tag axle or Telma <i>Add \$37,164.00 to the base 33 yard Expert Manual unit to get the 33 yard Expert Automated unit for tag axle or Telma option. \$125,149.00¹</i>	\$37,164.00 ¹
	Manual / Semi-Automated Drop Frame Sideloaders - 33 cu.yd. (27+6) - Tandem Axle <i>base unit manual.¹</i>	Incl. ¹
	Manual / Semi-Automated Drop Frame Sideloaders - 33 cu.yd. (31+2) - Tandem with Tag axle or Telma <i>Add \$1100 to the base 33 yard Expert price of \$87,985.00 to get the unit for the Tag or Telma options. \$89,085.00¹</i>	\$1,100.00 ¹
	Manual / Semi-Automated Drop Frame Sideloaders - 35 cu.yd. (31+4) - Tandem with Tag axle or Telma <i>Add \$2,120.00 to the base 35 yard Expert price of \$87,985.00 to get the unit for the Tag or Telma options. \$90,105.00¹</i>	\$2,120.00 ¹
	Manual / Semi-Automated Drop Frame Sideloaders - 37 cu.yd. (31+6) - Tandem with Tag axle or Telma <i>Add \$3,190.00 to the base 37 yard Expert price of \$87,985.00 to get the unit for the Tag or Telma options. \$91,975.00¹</i>	\$3,190.00 ¹
	Helping Hand: LH-side, including split hopper Dutch doors. Co-mingle, Crusher panel, Long Reach not available <i>Duplicate option - Helping Hand arm already priced above¹</i>	NA ¹
	Grabber counting device: counts number of carts dumped	\$180.00
	Spill shield: installed behind grabber	\$335.00
	Dual shield for Dual Helping Hand only: installed behind grabber	\$665.00
	Long Reach Extension (RH-side Helping Hand only)	\$3,445.00
	Grabber with bolted rubber blocks ILO straps	\$515.00
	L-H side cart tipper, Series 100 Actuator style. Includes Packer and Crusher panel controls	\$6,080.00
	L-H side cart tipper, Series 220 Cylinder style. Includes Packer and Crusher panel controls	\$6,510.00
	L-H side cart tipper, Series 330 Hi-Lift, Cylinder style. Includes Packer and Crusher panel controls	\$7,590.00
	L-H side cart tipper plumbing with additional controls package, for Customer supplied tipper install	\$1,750.00
	Arm joystick controls in-cab: Dual-side, moveable (N/A on all chassis types)	\$685.00
	Arm joystick controls in-cab: Dual joystick (Autocar-Peterbilt-Mack-Condor cab-over)	\$1,373.00

VEHICLE:	Expert - 33 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$87,985.00	\$87,985.00	\$87,985.00	\$87,985.00

	Auxiliary arm controls in-cab: RH-side, (Mini-joystick style)	\$888.00
	Single crusher panel control: additional in-cab including limit switch on LH-side hopper door. Requires camera in hopper installed at factory.	\$575.00
	Dual crusher panels control: additional in-cab including limit switch on LH-side hopper door	\$808.00
	LH-side outside controls: Additional Packer and Crusher panel controls. Already included with Labrie installed tipper packages	\$560.00
	Packer control on joystick	\$250.00
	Crusher panel control on joystick	\$250.00
	R-H side cart tipper, Series 100 Actuator style (N/A with comingle units)	\$5,525.00
	R-H side cart tipper, Series 220 Cylinder style	\$5,955.00
	R-H side cart tipper, Series 330 Hi-Lift, Cylinder style, single cart	\$7,035.00
	R-H side cart tipper plumbing only (Includes flow divider and control valve)	\$1,951.00
	L-H side cart tipper, Series 100 Actuator style. Includes Packer and Crusher panel controls	\$6,080.00
	L-H side cart tipper, Series 220 Cylinder style. Includes Packer and Crusher panel controls	\$6,570.00
	L-H side cart tipper, Series 330 Hi-Lift, Cylinder style. Includes Packer and Crusher panel controls	\$7,590.00
	L-H side cart tipper plumbing with additional controls package, for Customer supplied tipper install	\$1,750.00
	LH-side outside controls: Additional Packer and Crusher panel controls. Already included with Labrie installed tipper packages	\$560.00
	Drop-frame Modification by Labrie, Hydraulic and fuel tank not included, must be selected separately. Not available on Crane Carrier Chassis	\$7,470.00
5 ¹	Tanks, Saddle tanks: combo 65 gal. fuel / 71 gal. hydraulic (Cab-over Diesel)	\$5,170.00 ¹
	Tanks, Saddle tanks: larger - combo 85 gal. fuel / 71 gal. Hydraulic (Cab-over Diesel)	\$6,190.00
	Tank, Hydraulic tank in drop section - 65 gal. (All chassis Diesel or CNG)	\$1,760.00
	Tank, Single hydraulic saddle tank - 65 gal. (Cab-over Diesel or CNG)	\$2,700.00
	Tank, All chassis Diesel : Main Fuel tank in drop section - 65 gal.(If OEM tank cannot be used)	\$1,925.00
	RH-side outside controls	Std
	Hot-Shift PTO with pump mounted on crossmember(Automated or Manual)	\$2,665.00
	Hydraulic oil heater: in-tank (Electric 110v)	\$1,070.00
	Hydraulic pressure gauge on main valve	\$90.00
	Hydraulic temperature gauge in multiplex display	\$260.00
	Alarm for hydraulic filter replacement on return line	\$505.00
	Alarm for hydraulic oil temperature	NA
	Alarm for low hydraulic oil level & hydraulic oil temperature	\$878.00
	Packer cylinders hydraulic oil regeneration (not available with ISL-G engine)	\$1,656.00
	Body control valve: electric-over-hydraulic	\$980.00
	Hour Meter connected to pump switch	\$242.00
	Back-up Proximity Detection Sensor Radar System - Third Eye / AWTI	\$1,290.00

VEHICLE:	Expert - 33 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$87,985.00	\$87,985.00	\$87,985.00	\$87,985.00

Light: amber strobe 6" Whelen L10 MOUNTED ON CAB; in-cab switch; Qty 1	\$470.00
Light: amber strobe 6" Whelen L41, MOUNTED ON CAB; in-cab switch; Qty 1	\$570.00
Lights: amber, alternating, flashing 4" LED in upper tailgate	\$460.00
Lights: amber, alternating, flashing 4" LED in front-of-body	\$460.00
Back up lights: Qty 2 additional on tailgate position 2/3 - 4" LED type	\$520.00
Back up lights: Qty 2 additional on tailgate position 1/2 - 4" LED type	\$520.00
Back up lights: Qty 2 additional on mid-body rubrails - LED type	\$520.00
Additional LED lighting package - additional red central brake light, stop, turn & tail lights in special tailgate light box	\$790.00
Bar light 48" LED light traffic director: Star Model 59050 in middle of tailgate - in cab switch	\$1,260.00
Light: amber strobe 6" Whelen L10, MOUNTED IN CENTER OF TAILGATE	\$470.00
Light: amber strobe 6" Whelen L41, MOUNTED IN CENTER OF TAILGATE	\$570.00
High Visibility Lighting Package - Contact Labrie Representative for complete details	NA
Whelen Light Bar on Tailgate <i>Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2</i> ¹	\$1,510.00 ¹
Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2	NA
Multifunction Light Pkg - 4) Multifunction round amber lights. 1) Oval center brake light in upper tailgate. 2) Round brake lights in upper tailgate light bar.	\$880.00
Work light kit: single, in-cab single manual switch - LED type	\$350.00
Work light kit: dual, in-cab single manual switch - LED type	\$540.00
Work light kit: triple, in-cab single manual switch - LED type	\$830.00
Single Safety Vision - 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$2,262.00
Single 3rd Eye - 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher.	\$1,172.00
Single Zone Defense - 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,240.00
Dual Safety Vision - 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$3,410.00
Dual 3rd Eye - 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher.	\$1,660.00
Dual Zone Defense - 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,610.00
Triple Safety Vision - 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$4,840.00
Triple 3rd Eye - 7" color LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher.	\$2,260.00
Triple Zone Defense - 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$2,070.00
Protection cages on cameras	\$250.00
Ground level grease points: for tailgate & hopper door hinges	\$975.00

VEHICLE:	Expert - 33 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$87,985.00	\$87,985.00	\$87,985.00	\$87,985.00

Anti-sail bars on rear mudflaps (N/A with tag axle or comingle body)	\$131.00
Clean out tools (broom & shovel kit including brackets on RH-side door; hoe including bracket on LH body.	\$245.00
Fire extinguisher including brackets - 20 lbs.	\$310.00
Loading step (2), both sides at hopper: also requires safety panic bars	\$646.00
Panic bars/limit switch kit/2nd hand enable button (MOL 2004)	\$2,150.00
Panic bars only	\$1,670.00
Display Signs - 32in H. x 84in L.	\$1,280.00
Display Signs - 32in H. x 96in L.	\$1,320.00
Display Signs - 48in H. x 96in L.	\$1,375.00
Environmental spill kit installed on body	\$260.00
Retainer teeth under breaker bar	\$390.00
Toolbox: Aluminum, chassis-mounted, size 18" x 43" x 24". Shaped to fits in drop section	\$1,910.00
Toolbox: Aluminum, size: 24" x 24" x 14", (Location TBD, depending on space availability)	\$1,140.00
Rear tow hooks (2)	\$265.00
Wheelbase modification: Lenghten single axle chassis WB (including longer ABS cable & drive shaft)	\$1,800.00
Wheelbase modification: Shorten single axle chassis WB	\$1,800.00
Wheelbase modification: Lenghten tandem axle chassis WB (including longer ABS cable & drive shaft)	\$2,700.00
Wheelbase modification: Shorten tandem axle chassis WB	\$2,700.00
Telma Axial Mount	\$11,510.00
13.5K Hendrickson Composilite steerable tag axle (including steel wheels and tires)	\$9,910.00
13.5K Hendrickson Composilite steerable tag axle (including aluminum wheels and tires)	\$10,985.00
1 Color Urethane Body Paint (Included in unit base price, Includes bolt-on parts painted body color)	Incl.
1 Color Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$1,715.00
2 Colors Urethane Body Paint (1 color separation, Includes bolt-on parts painted body color)	\$1,325.00
2 Colors Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$2,600.00
Ziebart undercoating on cab: chassis & body	\$1,980.00
DECAL - CAUTION THIS VEHICLE STOPS AND BACKS FREQUENTLY, 74.5in x 23.5in	\$175.00
DECAL - CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY BACK 50 FEET, 65in x 20in	\$175.00
DECAL - SLOW DOWN TO GET AROUND, 36in x 18in	\$175.00
PLAN A - Add 1 year on body & hydraulics for a total of 2 years	\$2,700.00
PLAN B - Add 2 years on hydraulics only for a total of 3 years	\$3,880.00
PLAN C - Add 4 years on hydraulic CYLINDERS only for a total of 5 years	\$7,430.00
PLAN D - Add 2 years on hydraulic CYLINDERS only for a total of 3 years	\$1,940.00

VEHICLE:	Expert - 33 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$87,985.00	\$87,985.00	\$87,985.00	\$87,985.00

Pricing upon request - Please consult vendor for more information. <i>Please contact your local Labrie rep for current details and pricing.</i> ¹	NA ¹
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Pricing upon request - Please consult vendor for more information. <i>Please contact your local Labrie rep for current details and pricing.</i> ¹	NA ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LABRIE STARLITE FRONT LOADER - 40 CUBIC YARDS (Specification #69)</u>			
Amick Equipment Co., Inc.	2016 Labrie Starlite Front Loader - 40 cubic yards	★Appalachia	\$93,313.00
Amick Equipment Co., Inc.	2016 Labrie Starlite Front Loader - 40 cubic yards	★Dogwood	\$93,313.00
Amick Equipment Co., Inc.	2016 Labrie Starlite Front Loader - 40 cubic yards	★Cardinal	\$93,313.00
Amick Equipment Co., Inc.	2016 Labrie Starlite Front Loader - 40 cubic yards	★Longleaf Pine	\$93,313.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE STARLITE FRONT LOADER - 40 CUBIC YARDS **SPECIFICATION #69**

2016 Labrie Starlite Front Loader - 40 cubic yards

Cab Over should be front mount Pump, with overspeed protection; PTO front adapter spicer 1350: Engine 350 HP, 1250 lb torque at idle; Allison 4500 RDS transmission with overspeed protection; PTO front adapter spicer 1350: Engine 350 HP, 1250 lb torque at idle; Allison 4500 RDS transmission with overspeed protection; Chassis GVWR: 60,000 lbs; Front Axle: 20,000 lbs; Rear axle: 44,000 rear tandem; Wheel base: TBD; After Frame: 65"; *All final chassis specs must be approved by body Supplier. Labrie chassis specs must be approved by Labrie before final chassis specs will be accepted!**

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY STANDARDS

- a. Total Capacity 40 C.Y (38+2)
- b. Factory installation on suitable chassis (Additional surcharge may be added to units mounted on hybrid chassis or chassis equipped with manual transmission)
- c. 12 C.Y. hopper
- d. Low profile hopper wind flanges
- e. Chromium overlay wear strips: On packer shoes and channels
- f. Packer panel: Full eject type, full height
- g. Horizontal sliding top hopper door
- h. Metal canopy above cab
 - i. Front header aluminum guard to eliminate refuse falling on engine
 - j. Hinge type access door with ladder and grab handle: Curb side
 - k. Roof access ladder: Reversible at rear
 - l. Automatic tailgate latches
- m. Clean out tools: Broom & shovel kit installed on back side of packer panel
- n. Centralized grease block by access door for packer cylinders pins: 2 points
- o. Front of tandem axle mudflaps with Labrie logo and with anti-sail bars
- p. Rear of tandem axle mudflaps with Labrie logo and without anti-sail bars
- q. Hardox Steel Construction
- r. Lifting Arm Standards
- s. Arms rated capacity - 10,000 lbs
- t. Standard arms lifting capacity - 8,000 lbs
- u. Forks - 1" thick

2. FINISHING STANDARDS

- a. Grit-blasted body steel
- b. One color body paint Urethane Urethane
- c. Marine rust inhibitor treatment on body

d. Bolt-on parts are charcoal gray (ladder, bumpers & light box)

3. GENERAL STANDARDS

a. Warranty on Body & Hydraulics - 1 year

4. HYDRAULIC/PNEUMATIC STANDARDS

- a. Front pump gear type
- b. Directional valve
- c. Air over hydraulic
- d. 5 sections
- e. Hydraulic deceleration valve: arm up mode
- f. Automatic packing cycle
- g. Pilot lockout - tailgate
- h. Aluminum hydraulic tank with oil level, oil temperature gauge and 3" oil
- i. Suction shut-off valve
- j. Two double acting tailgate cylinders
- k. Two double acting telescopic packer cylinders with Durascopetm shavers
- l. Return line filter - 5 micron
- m. Suction line strainer - 100 mesh
- n. Zinc-plated hydraulic tubing

5. LIGHT STANDARD PACKAGE

- a. Mid-body turn signals
- b. LED body turn signals
- c. Combination stop, turn and tail lights on bottom light box
- d. Body clearance lights and reflectors (FMVSS standards)
- e. License plate
- f. Hopper flood lamp with on/off switch

6. STANDARD CONTROLS

- a. Twin stick for forks and arm control
- b. Tailgate and top door controls: in cab
- c. Function and indicator lights: in cab
- d. Full cycle packing/manual eject push button
- e. Packer return push button
- f. Adjustable timer to keep packer panel in packing position before retracting
- g. Arm operation below canopy level during packing cycle
- h. Close tailgate when packer panel in mid-stroke position
- i. Pump: rocker switch with indicator light
- j. Circuit breakers: manually-reset in console (except main power)

7. SAFETY STANDARDS

- a. All functions disable when access door open
- b. Pack and return when tailgate close
- c. Eject system in operation only if the tailgate is opened and operator holds a button on the console
- d. No arms up movement above canopy when packer panel not in home position
- e. No arms up movement when top door not completely open
- f. Pressure switch on hydraulic system for over pressure protection
- g. 5lbs fire extinguisher, first aid kit, flare kit, and triangle kit
- h. Warning light and buzzer: tailgate open
 - i. Warning light: indicates arm and fork not stowed
 - j. Warning light: top hopper door open
 - k. Warning light: access door open
 - l. Warning light: packer panel not in home position
- m. Safety prop: tailgate
- n. Back up alarm
- o. Conspicuity tape - 3"
- p. ANSI Z245.1-2008 compliant



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE STARLITE FRONT LOADER - 40 CUBIC YARDS SPECIFICATION #69

2016 Labrie Starlite Front Loader - 40 cubic yards

The Labrie Starlite Front Loader - 40 cubic yards purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$93,313.00	\$93,313.00	\$93,313.00	\$93,313.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Starlite Front Loader - 40 cubic yards			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$93,313.00	\$93,313.00	\$93,313.00	\$93,313.00

Order Code	Add Options	All Zones
	Compressed natural gas options (contact dealer for pricing and availability)	NA
	Arm lifting capacity: 10,000 lbs.	\$1,040.00
	Fork steel thickness: 1½ in. ILO of 1 in.	\$550.00
	Deceleration valve on arms down movement	\$950.00
	Service hoist (according to space availability)	\$3,840.00
	Safety Props (without service hoist)	\$1,050.00
	Hopper clean out sump with door on street side	\$1,380.00
	Adjustable hydraulic fork: Right fork movement only (1-1/4" thick forks)	\$4,340.00
	Adjustable hydraulic forks: Right and left forks movement (1-1/4" thick forks)	\$6,510.00
	Extended hopper wind flanges (6" high)	\$630.00
	Canopy sweeper	\$630.00
	Residential collection container 4 C.Y. with Wittke cart tipper model CC-220 (Includes tipper hydraulic. Tipper is installed on Curb-Side)* - Yellow	\$14,880.00
	Wittke residential collection container 4 C.Y. for manual operation -Yellow	\$6,380.00
	Hydraulic provision for residential collection container for cart tipper (No can included). Includes hydraulic components and control valve installed on Curb-side Packer controls (pack, stop and return)	\$5,310.00
	Mechanical/Electrical: Forks compliance, adjustable cradles, Auto- Pack, Weather Pack connectors	NA
	Commercial Auto-Dump Street Side with Auto-Levelling (throttle advance toggle switch included)	\$4,080.00
	Brake system: Global Search Eye	NA
	Preco preview dual sensor radar system (Proximity detection system)	\$1,590.00
	Drive position main control pneumatic joystick, 1 handle, arm & fork actuation (upgrade from 2 handle stick)	NC
	Electric main valve system ILO pneumatic main valve system	\$2,730.00
	Autopack (engaged when arms drop below windshield with on/off switch)	\$400.00
	Body raised warning indicator lamp and audible buzzer (Service hoist option required)	\$370.00
	Hour Meter display connected to PTO switch	\$250.00
	Street side outside controls: Joystick 2 handles, pack, stop and return pushbuttons in enclosure on left side behind cab with throttle advance toggle switch (On, off & auto)*	\$2,370.00
	Curb side outside controls: Joystick 2 handles, pack, stop and return pushbuttons in enclosure on right side behind cab with throttle advance toggle switch (On, off & auto)*	\$2,370.00
	Throttle advance toggle switch (On, off & Auto)	\$380.00
	Lights: Amber alternating flashing 4" LED Truck-Lite in upper tailgate	\$520.00
	Light: Amber strobe 6" Preco in center of tailgate -Qty 1	\$460.00
	Light: Amber strobe Whelen 800 DHP in center of tailgate -Qty 1	\$590.00
	Bar light 48" LED light traffic director: Star model LTD730 in middle of tailgate - in cab switch	\$1,170.00

VEHICLE:	Starlite Front Loader - 40 cubic yards			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$93,313.00	\$93,313.00	\$93,313.00	\$93,313.00

Back up lights: Qty 2 additional on tailgate - LED type	\$590.00
Back up lights: Qty 2 additional on mid-body rubrails - LED type	\$590.00
Work lights: Qty 2 additional on canopy - Bulb type	\$400.00
Work lights: Qty 2 additional on canopy - LED type	\$590.00
LED light package: additional red central LED brake light on tailgate & LED stop, turn & tail lights in upper tailgate light box	\$770.00
Work light: Qty 1 on LH mirror facing hopper - Bulb type	\$310.00
Work light: Qty 1 on LH mirror facing hopper - LED type	\$430.00
Work light: Qty 2 additional, one on LH mirror and one RH mirror facing hopper - Bulb type	\$400.00
Work light: Qty 2 additional, one on LH mirror and one RH mirror facing hopper - LED type	\$590.00
"Lights: LED Truck-Lite Multi-Function Strobe/Turn signals,additional red central brake light & stop-tail lights in uppertailgate box light"	\$960.00
Muncie transmission driven PTO: Continuous engagement with standard gear type pump	\$2,750.00
Work-at-idle dual front mount pump*	\$5,580.00
Front Vane Pump ILO standard Front Gear Pump	\$240.00
Packer cylinders: Chrome type cylinders ILO Nitrated with shavers	NA
Hydraulic oil heater: in-tank	\$1,090.00
Hydraulic pump top cover	\$290.00
Hydraulic warning kit (light & buzzer indicator for low hydraulic oil level & hydraulic temperature gauge on dashboard)	\$900.00
Hydraulic pressure gauge on main valve	\$100.00
Warning light for hydraulic filter replacement on return line	\$520.00
Single Clarion on tailgate facing rear with 7.4" color, monitor (includes heater & shutter on camera)	NA
Dual Clarion with 7.4" color, swivel monitor (incl. heater, autoswitcher & shutter) *	NA
Triple Clarion with 7.4" color, swivel monitor (incl. heater, autoswitcher & shutter) *	NA
Single Safety Vision on tailgate facing rear with 6.8" LCD monitor (includes heater & shutter on camera)	\$2,360.00
Dual Safety Vision with 6.8" LCD monitor (incl. heater, autoswitcher & shutter) *	\$3,480.00
Triple Safety Vision with 6.8" LCD monitor (incl. heater, autoswitcher & shutter) *	\$4,930.00
Single 3rd Eye on tailgate facing rear with 7" color, LCD swivel monitor (includes heater, sound, night vision & high electromagnetic noise resistance - no shutter)	\$1,330.00
Dual 3rd Eye with 7" color, LCD swivel monitor (incl. heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher - no shutter) *	\$1,690.00
Triple 3rd Eye with 7" color LCD swivel monitor (incl. heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher, no shutter) *	\$2,310.00
Camera system: 3rd Eye, installed on body builder cable	NC
Toolbox: Aluminum, chassis-mounted, size: 24" x 24" x 24"	\$1,220.00

VEHICLE:	Starlite Front Loader - 40 cubic yards			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$93,313.00	\$93,313.00	\$93,313.00	\$93,313.00

Wheelbase modification: Stretch tandem axle chassis (including longer ABS cable & drive shaft) <i>contact factory for quote</i> ¹	NA ¹
Wheelbase modification: Shorten tandem axle chassis <i>contact factory for quote</i> ¹	NA ¹
Supply and Install Telma Axial Mount (Includes solid state controller, steering column activation, and brake pedal activation with on/off switch mounted on dash, compliant with ABS systems) <i>contact factory for quote</i> ¹	NA ¹
13.5K Hendrickson Composilite FX non-steer pusher axle (including steel wheels and tires)	\$9,370.00
13.5K Hendrickson Composilite FX non-steer pusher axle (including aluminum wheels and tires)	\$10,840.00
13.5K Hendrickson Composilite steerable tag axle (including steel wheels and tires)	\$11,400.00
13.5K Hendrickson Composilite steerable tag axle (including aluminum wheels and tires)	\$12,660.00
Rear Tow Hooks (2)	\$300.00
Supply and install a front bumper extension with a protective skid plate extension only	\$370.00
Adjustable arms cradles installed on bumper	\$960.00
Remote air drains petcock type	\$400.00
Body: One color body paint Base, coat/Clear coat 1	\$1,950.00
Body: One color body paint, Urethane: included in unit base price	Std
Body: Two Color Body Paint Scheme, Urethane (Just one separation) 1	\$1,530.00
Body: Two Color Body Paint Scheme, Base coat/Clear coat (Just one separation)	\$2,960.00
Body: Bolt-on parts including ladder, ICC bumper & light box painted body color	Incl.
Chassis: Cab over exterior including doors jams, one color other than color supplied, Urethane (Without paint scheme)	\$2,050.00
Chassis: Cab over exterior including doors jams, one color other than color supplied, Urethane (With paint scheme, just one separation)	NA
Chassis: Cab over exterior including doors jams, one color other than color supplied, Base coat/Clear coat (Without paint scheme)	\$2,330.00
Chassis: Paint complete chassis frame and parts other than black 2	NA
Chassis: Paint chassis components customer color (other than black)	\$830.00
Ziebart undercoating on cab: chassis & body <i>consult factory for quote</i> ¹	NA ¹
CAUTION THIS VEHICLE STOPS AND BACKS FREQUENTLY, 74.5in x 23.5in	\$200.00
CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY BACK 50 FEET, 65in x 20in	\$200.00
SLOW DOWN TO GET AROUND, 36in x 18in	\$200.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LABRIE STARLITE FRONT LOADER - 44 CUBIC YARDS (Specification #70)</u>			
Amick Equipment Co., Inc.	2016 Labrie Starlite Front Loader - 44 cubic yards	★Appalachia	\$94,570.00
Amick Equipment Co., Inc.	2016 Labrie Starlite Front Loader - 44 cubic yards	★Dogwood	\$94,570.00
Amick Equipment Co., Inc.	2016 Labrie Starlite Front Loader - 44 cubic yards	★Cardinal	\$94,570.00
Amick Equipment Co., Inc.	2016 Labrie Starlite Front Loader - 44 cubic yards	★Longleaf Pine	\$94,570.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE STARLITE FRONT LOADER - 44 CUBIC YARDS **SPECIFICATION #70**

2016 Labrie Starlite Front Loader - 44 cubic yards

Cab Over should be front mount Pump, with overspeed protection; PTO front adapter spicer 1350: Engine 350 HP, 1250 lb torque at idle; Allison 4500 RDS transmission with overspeed protection; PTO front adapter spicer 1350: Engine 350 HP, 1250 lb torque at idle; Allison 4500 RDS transmission with overspeed protection; Chassis GVWR: 60,000 lbs; Front Axle: 20,000 lbs; Rear axle: 44,000 rear tandem; Wheel base: TBD; After Frame: 65"; *All final chassis specs must be approved by body Supplier. Labrie chassis specs must be approved by Labrie before final chassis specs will be accepted!**

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY STANDARDS

- a. Total Capacity 40 C.Y (38+2)
- b. Factory installation on suitable chassis (Additional surcharge may be added to units mounted on hybrid chassis or chassis equipped with manual transmission)
- c. 12 C.Y. hopper
- d. Low profile hopper wind flanges
- e. Chromium overlay wear strips: On packer shoes and channels
- f. Packer panel: Full eject type, full height
- g. Horizontal sliding top hopper door
- h. Metal canopy above cab
 - i. Front header aluminum guard to eliminate refuse falling on engine
 - j. Hinge type access door with ladder and grab handle: Curb side
 - k. Roof access ladder: Reversible at rear
 - l. Automatic tailgate latches
- m. Clean out tools: Broom & shovel kit installed on back side of packer panel
- n. Centralized grease block by access door for packer cylinders pins: 2 points
- o. Front of tandem axle mudflaps with Labrie logo and with anti-sail bars
- p. Rear of tandem axle mudflaps with Labrie logo and without anti-sail bars
- q. Hardox Steel Construction
- r. Lifting Arm Standards
- s. Arms rated capacity - 10,000 lbs
- t. Standard arms lifting capacity - 8,000 lbs
- u. Forks - 1" thick

2. FINISHING STANDARDS

- a. Grit-blasted body steel
- b. One color body paint Urethane Urethane
- c. Marine rust inhibitor treatment on body

d. Bolt-on parts are charcoal gray (ladder, bumpers & light box)

3. GENERAL STANDARDS

a. Warranty on Body & Hydraulics - 1 year

4. HYDRAULIC / PNEUMATIC STANDARDS

- a. Front pump gear type
- b. Directional valve
- c. Air over hydraulics
- d. 5 sections
- e. Hydraulic deceleration valve: arm up mode
- f. Automatic packing cycle
- g. Pilot lockout - tailgate
- h. Aluminum hydraulic tank with oil level, oil temperature gauge and 3" oil
- i. Suction shut off valve
- j. Two double acting tailgate cylinders
- k. Two double acting telescopic packer cylinders with Durascopetm shavers
- l. Return line filter - 5 micron
- m. Suction line strainer - 100 mesh
- n. Zinc-plated hydraulic tubing

5. LIGHT STANDARD PACKAGE

- a. Mid body turn signals
- b. LED body and LED backup
- c. Combination stop, turn, and tail lights on bottom light box
- d. Body clearance lights and reflectors (FMVSS standards)
- e. License plate
- f. Hopper flood lamp with on/off switch

6. STANDARD CONTROLS

- a. Twin stick for forks and arms control
- b. Tailgate and top door controls: in cab
- c. Function and indicator lights: in cab
- d. Full cycle packing/manual eject push button
- e. Packer return push button
- f. Adjustable timer to keep packer panel in packing position before retracting
- g. Arm operation below canopy level during packing cycle
- h. Close tailgate when packer panel in mid-stroke position
- i. Pump: rocker switch with indicator light
- j. Circuit breakers: manually reset in console (except main power)

7. SAFETY STANDARDS

- a. All functions disable when access door open
- b. Pack and return when tailgate close
- c. Eject system in operation only if the tailgate is opened and operator holds a button on the console
- d. No arms up movement above canopy when packer panel not in home position
- e. No arms up movement when top door not completely open
- f. Pressure switch on hydraulic system for over pressure protection
- g. 5lbs fire extinguisher, first aid kit, flare kit and triangle kit
- h. Warning light: indicates arm and fork not stowed
- i. Warning light and buzzer: tailgate open
- j. Warning light: top hopper door open
- k. Warning light: access door open
- l. Warning light: packer panel not in home position
- m. Safety prop: tailgate
- n. Back up alarm
- o. Conspicuity tape - 3"
- p. ANSI Z245.1-2008 compliant



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE STARLITE FRONT LOADER - 44 CUBIC YARDS SPECIFICATION #70

2016 Labrie Starlite Front Loader - 44 cubic yards

The Labrie Starlite Front Loader - 44 cubic yards purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$94,570.00	\$94,570.00	\$94,570.00	\$94,570.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Starlite Front Loader - 44 cubic yards			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$94,570.00	\$94,570.00	\$94,570.00	\$94,570.00

Order Code	Add Options	All Zones
	Compressed natural gas options (contact dealer for pricing and availability)	NA
	Arm lifting capacity: 10,000 lbs.	\$1,040.00
	Fork steel thickness: 1½ in. ILO of 1 in.	\$550.00
	Deceleration valve on arms down movement	\$950.00
	Service hoist (according to space availability)	\$3,840.00
	Safety Props (without service hoist)	\$1,050.00
	Hopper clean out sump with door on street side	\$1,380.00
	Adjustable hydraulic fork: Right fork movement only (1-1/4" thick forks)	\$4,340.00
	Adjustable hydraulic forks: Right and left forks movement (1-1/4" thick forks)	\$6,510.00
	Extended hopper wind flanges (6" high)	\$630.00
	Canopy sweeper	\$630.00
	Residential collection container 4 C.Y. with Wittke cart tipper model CC-220 (Includes tipper hydraulic. Tipper is installed on Curb-Side)* - Yellow	\$14,880.00
	Wittke residential collection container 4 C.Y. for manual operation -Yellow	\$6,380.00
	Hydraulic provision for residential collection container for cart tipper (No can included). Includes hydraulic components and control valve installed on Curb-side Packer controls (pack, stop and return)	\$5,310.00
	Mechanical/Electrical: Forks compliance, adjustable cradles, Auto- Pack, Weather Pack connectors	NA
	Commercial Auto-Dump Street Side with Auto-Levelling (throttle advance toggle switch included)	\$4,080.00
	Brake system: Global Search Eye	NA
	Preco preview dual sensor radar system (Proximity detection system) <i>third eye system</i> ¹	\$1,590.00 ¹
	Drive position main control pneumatic joystick, 1 handle, arm & fork actuation (upgrade from 2 handle stick)	NC
	Electric main valve system ILO pneumatic main valve system	\$2,730.00
	Autopack (engaged when arms drop below windshield with on/off switch)	\$400.00
	Body raised warning indicator lamp and audible buzzer (Service hoist option required)	\$370.00
	Hour Meter display connected to PTO switch	\$250.00
	Street side outside controls: Joystick 2 handles, pack, stop and return pushbuttons in enclosure on left side behind cab with throttle advance toggle switch (On, off & auto)*	\$2,370.00
	Curb side outside controls: Joystick 2 handles, pack, stop and return pushbuttons in enclosure on right side behind cab with throttle advance toggle switch (On, off & auto)*	\$2,370.00
	Throttle advance toggle switch (On, off & Auto)	\$380.00
	Lights: Amber alternating flashing 4" LED Truck-Lite in upper tailgate	\$520.00
	Light: Amber strobe 6" Preco in center of tailgate -Qty 1	\$460.00
	Light: Amber strobe Whelen 800 DHP in center of tailgate -Qty 1	\$590.00

VEHICLE:	Starlite Front Loader - 44 cubic yards			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$94,570.00	\$94,570.00	\$94,570.00	\$94,570.00

Bar light 48" LED light traffic director: Star model LTD730 in middle of tailgate - in cab switch	\$1,170.00
Back up lights: Qty 2 additional on tailgate - LED type	\$590.00
Back up lights: Qty 2 additional on mid-body rubrails - LED type	\$590.00
Work lights: Qty 2 additional on canopy - Bulb type	\$400.00
Work lights: Qty 2 additional on canopy - LED type	\$590.00
LED light package: additional red central LED brake light on tailgate & LED stop, turn & tail lights in upper tailgate light box	\$770.00
Work light: Qty 1 on LH mirror facing hopper - Bulb type	\$310.00
Work light: Qty 1 on LH mirror facing hopper - LED type	\$430.00
Work light: Qty 2 additional, one on LH mirror and one RH mirror facing hopper - Bulb type	\$400.00
Work light: Qty 2 additional, one on LH mirror and one RH mirror facing hopper - LED type	\$590.00
"Lights: LED Truck-Lite Multi-Function Strobe/Turn signals,additional red central brake light & stop-tail lights in uppertailgate box light"	\$960.00
Muncie transmission driven PTO: Continuous engagement with standard gear type pump	\$2,750.00
Work-at-idle dual front mount pump*	\$5,580.00
Front Vane Pump ILO standard Front Gear Pump	\$240.00
Packer cylinders: Chrome type cylinders ILO Nitrated with shavers	NA
Hydraulic oil heater: in-tank	\$1,090.00
Hydraulic pump top cover	\$290.00
Hydraulic warning kit (light & buzzer indicator for low hydraulic oil level & hydraulic temperature gauge on dashboard)	\$900.00
Hydraulic pressure gauge on main valve	\$100.00
Warning light for hydraulic filter replacement on return line	\$520.00
Single Clarion on tailgate facing rear with 7.4" color, monitor (includes heater & shutter on camera)	NA
Dual Clarion with 7.4" color, swivel monitor (incl. heater, autoswitcher & shutter) *	NA
Triple Clarion with 7.4" color, swivel monitor (incl. heater, autoswitcher & shutter) *	NA
Single Safety Vision on tailgate facing rear with 6.8" LCD monitor (includes heater & shutter on camera)	\$2,360.00
Dual Safety Vision with 6.8" LCD monitor (incl. heater, autoswitcher & shutter) *	\$3,480.00
Triple Safety Vision with 6.8" LCD monitor (incl. heater, autoswitcher & shutter) *	\$4,930.00
Single 3rd Eye on tailgate facing rear with 7" color, LCD swivel monitor (includes heater, sound, night vision & high electromagnetic noise resistance - no shutter)	\$1,330.00
Dual 3rd Eye with 7" color, LCD swivel monitor (incl. heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher - no shutter) *	\$1,690.00
Triple 3rd Eye with 7" color LCD swivel monitor (incl. heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher, no shutter) *	\$2,310.00
Camera system: 3rd Eye, installed on body builder cable	NC
Toolbox: Aluminum, chassis-mounted, size: 24" x 24" x 24"	\$950.00

VEHICLE:	Starlite Front Loader - 44 cubic yards			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$94,570.00	\$94,570.00	\$94,570.00	\$94,570.00

Wheelbase modification: Stretch tandem axle chassis (including longer ABS cable & drive shaft) <i>contact factory for quote</i> ¹	NA ¹
Wheelbase modification: Shorten tandem axle chassis <i>contact factory for quote</i> ¹	NA ¹
Supply and Install Telma Axial Mount (Includes solid state controller, steering column activation, and brake pedal activation with on/off switch mounted on dash, compliant with ABS systems) <i>Not available on this unit</i> ¹	NA ¹
13.5K Hendrickson Composilite FX non-steer pusher axle (including steel wheels and tires)	\$9,370.00
13.5K Hendrickson Composilite FX non-steer pusher axle (including aluminum wheels and tires)	\$10,840.00
13.5K Hendrickson Composilite steerable tag axle (including steel wheels and tires)	\$11,400.00
13.5K Hendrickson Composilite steerable tag axle (including aluminum wheels and tires)	\$12,660.00
Rear Tow Hooks (2)	\$300.00
Supply and install a front bumper extension with a protective skid plate extension only	\$370.00
Adjustable arms cradles installed on bumper	\$960.00
Remote air drains petcock type	\$400.00
Body: One color body paint Base, coat/Clear coat 1	\$1,950.00
Body: One color body paint, Urethane: included in unit base price	Std
Body: Two Color Body Paint Scheme, Urethane (Just one separation) 1	\$1,530.00
Body: Two Color Body Paint Scheme, Base coat/Clear coat (Just one separation)	\$2,960.00
Body: Bolt-on parts including ladder, ICC bumper & light box painted body color	Incl.
Chassis: Cab over exterior including doors jams, one color other than color supplied, Urethane (Without paint scheme)	\$2,050.00
Chassis: Cab over exterior including doors jams, one color other than color supplied, Urethane (With paint scheme, just one separation)	NA
Chassis: Cab over exterior including doors jams, one color other than color supplied, Base coat/Clear coat (Without paint scheme)	\$2,350.00
Chassis: Paint complete chassis frame and parts other than black 2	NA
Chassis: Paint chassis components customer color (other than black)	\$830.00
Ziebart undercoating on cab: chassis & body <i>consult factory for quote</i> ¹	NA ¹
CAUTION THIS VEHICLE STOPS AND BACKS FREQUENTLY, 74.5in x 23.5in	\$200.00
CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY BACK 50 FEET, 65in x 20in	\$200.00
SLOW DOWN TO GET AROUND, 36in x 18in	\$200.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LABRIE SUPER DUTY FRONT LOADER - 40 CUBIC YARDS (Specification #71)</u>			
Amick Equipment Co., Inc.	2016 Labrie Super Duty Front Loader - 40 cubic yards	★Appalachia	\$96,892.00
Amick Equipment Co., Inc.	2016 Labrie Super Duty Front Loader - 40 cubic yards	★Dogwood	\$96,892.00
Amick Equipment Co., Inc.	2016 Labrie Super Duty Front Loader - 40 cubic yards	★Cardinal	\$96,892.00
Amick Equipment Co., Inc.	2016 Labrie Super Duty Front Loader - 40 cubic yards	★Longleaf Pine	\$96,892.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE SUPER DUTY FRONT LOADER - 40 CUBIC YARDS **SPECIFICATION #71**

2016 Labrie Super Duty Front Loader - 40 cubic yards

Cab Over should be front mount Pump, with overspeed protection; PTO front adapter spicer 1350: Engine 350 HP, 1250 lb torque at idle; Allison 4500 RDS transmission with overspeed protection; PTO front adapter spicer 1350: Engine 350 HP, 1250 lb torque at idle; Allison 4500 RDS transmission with overspeed protection; Chassis GVWR: 60,000 lbs; Front Axle: 20,000 lbs; Rear axle: 44,000 rear tandem; Wheel base: TBD; After Frame: 65"; *All final chassis specs must be approved by body Supplier. Labrie chassis specs must be approved by Labrie before final chassis specs will be accepted!**

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY STANDARDS

- a. Total Capacity 40 C.Y (38+2)
- b. Factory installation on suitable chassis (Additional surcharge may be added to units mounted on hybrid chassis or chassis equipped with manual transmission)
- c. 12 C.Y. hopper
- d. Low profile hopper wind flanges
- e. Chromium overlay wear strips: On packer shoes and channels
- f. Packer panel: Full eject type, full height
- g. Horizontal sliding top hopper door
- h. Metal canopy above cab
 - i. Front header aluminum guard to eliminate refuse falling on engine
 - j. Hinge type access door with ladder and grab handle: Curb side
 - k. Roof access ladder: Reversible at rear
 - l. Automatic tailgate latches
- m. Clean out tools: Broom & shovel kit installed on back side of packer panel
- n. Centralized grease block by access door for packer cylinders pins: 2 points
- o. Front of tandem axle mudflaps with Labrie logo and with anti-sail bars
- p. Rear of tandem axle mudflaps with Labrie logo and without anti-sail bars
- q. Hardox Steel Construction
- r. Lifting Arm Standards
- s. Arms rated capacity - 10,000 lbs
- t. Standard arms lifting capacity - 8,000 lbs
- u. Forks - 1 1/2" thick

2. FINISHING STANDARDS

- a. Grit-blasted body steel
- b. One color body paint Urethane Urethane
- c. Marine rust inhibitor treatment on body

d. Bolt-on parts are charcoal gray (ladder, bumpers & light box)

3. GENERAL STANDARDS

a. Warranty on Body & Hydraulics - 1 year

4. HYDRAULIC / PNEUMATIC STANDARDS

- a. Front pump gear type
- b. Directional valve
- c. Air over hydraulic
- d. 5 sections
- e. Hydraulic deceleration valve: arm up mode
- f. Automatic packing cycle
- g. Pilot lockout - tailgate
- h. Aluminum hydraulic tank with oil level, oil temperature gauge and 3" oil
- i. Suction shut-off valve
- j. Two double acting tailgate cylinders
- k. Two double acting telescopic packer cylinders with Durascopetm shavers
- l. Return line filter - 5 micron
- m. Suction line strainer - 100 mesh
- n. Zinc-plated hydraulic tubing

5. LIGHT STANDARD PACKAGE

- a. Mid-body turn signals
- b. LED body and LED backup
- c. Combination stop, turn and tail lights on bottom light box
- d. Body clearance lights and reflectors (FMVSS standards)
- e. License plate
- f. Hopper flood lamp with on/off switch

6. STANDARD CONTROLS

- a. Twin stick for forks and arm control
- b. Tailgate and top door controls: in cab
- c. Function and indicator lights: in cab
- d. Full cycle packing/manual eject push button
- e. Packer return push button
- f. Adjustable timer to keep packer panel in packing position before retracting
- g. Arm operation below canopy level during packing cycle
- h. Close tailgate when packer panel in mid-stroke position
- i. Pump: rocker switch with indicator light
- j. Circuit breakers: manually-reset in console (except main power)

7. SAFETY STANDARDS

- a. All functions disable when access door open
- b. Pack and return when tailgate close
- c. Eject system in operation only if the tailgate is opened and operator holds a button on the console
- d. No arms up movement above canopy when packer panel not in home position
- e. No arms up movement when top door not completely open
- f. Packing cycle available with top door closed
- g. Pressure switch on hydraulic system for over pressure protection
- h. 5lbs fire extinguisher, first aid kit, flare kit, and triangle kit
- i. Warning light: indicates arm and fork not stowed
- j. Warning light and buzzer: tailgate open
- k. Warning light: top hopper door open
- l. Warning light: access door open
- m. Warning light: packer panel not in home position
- n. Safety prop: tailgate
- o. Back-up alarm
- p. Conspicuity Tape - 3"
- q. ANSI Z245.1-2008 compliant



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE SUPER DUTY FRONT LOADER - 40 CUBIC YARDS SPECIFICATION #71

2016 Labrie Super Duty Front Loader - 40 cubic yards

The Labrie Super Duty Front Loader - 40 cubic yards purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$96,892.00	\$96,892.00	\$96,892.00	\$96,892.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Super Duty Front Loader - 40 cubic yards			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$96,892.00	\$96,892.00	\$96,892.00	\$96,892.00

Order Code	Add Options	All Zones
	Compressed natural gas options (contact dealer for pricing and availability)	NA
	Arm lifting capacity: 10,000 lbs.	\$1,040.00
	Fork steel thickness: 1½ in. ILO of 1 in.	\$550.00
	Deceleration valve on arms down movement	\$950.00
	Service hoist (according to space availability)	\$3,840.00
	Safety Props (without service hoist)	\$1,050.00
	Hopper clean out sump with door on street side	\$1,380.00
	Adjustable hydraulic fork: Right fork movement only (1-1/4" thick forks)	\$4,340.00
	Adjustable hydraulic forks: Right and left forks movement (1-1/4" thick forks)	\$6,510.00
	Extended hopper wind flanges (6" high)	\$630.00
	Canopy sweeper	\$630.00
	Residential collection container 4 C.Y. with Wittke cart tipper model CC-220 (Includes tipper hydraulic. Tipper is installed on Curb-Side)* - Yellow	\$14,880.00
	Wittke residential collection container 4 C.Y. for manual operation -Yellow	\$6,380.00
	Hydraulic provision for residential collection container for cart tipper (No can included). Includes hydraulic components and control valve installed on Curb-side Packer controls (pack, stop and return)	\$5,310.00
	Mechanical/Electrical: Forks compliance, adjustable cradles, Auto- Pack, Weather Pack connectors	NA
	Commercial Auto-Dump Street Side with Auto-Levelling (throttle advance toggle switch included)	\$4,080.00
	Brake system: Global Search Eye	NA
	Preco preview dual sensor radar system (Proximity detection system)	\$1,590.00
	Drive position main control pneumatic joystick, 1 handle, arm & fork actuation (upgrade from 2 handle stick)	NC
	Electric main valve system ILO pneumatic main valve system	\$2,730.00
	Autopack (engaged when arms drop below windshield with on/off switch)	\$400.00
	Body raised warning indicator lamp and audible buzzer (Service hoist option required)	\$370.00
	Hour Meter display connected to PTO switch	\$250.00
	Street side outside controls: Joystick 2 handles, pack, stop and return pushbuttons in enclosure on left side behind cab with throttle advance toggle switch (On, off & auto)*	\$2,370.00
	Curb side outside controls: Joystick 2 handles, pack, stop and return pushbuttons in enclosure on right side behind cab with throttle advance toggle switch (On, off & auto)*	\$2,370.00
	Throttle advance toggle switch (On, off & Auto)	\$380.00
	Lights: Amber alternating flashing 4" LED Truck-Lite in upper tailgate	\$520.00
	Light: Amber strobe 6" Preco in center of tailgate -Qty 1	\$460.00
	Light: Amber strobe Whelen 800 DHP in center of tailgate -Qty 1	\$590.00
	Bar light 48" LED light traffic director: Star model LTD730 in middle of tailgate - in cab switch	\$1,170.00

VEHICLE:	Super Duty Front Loader - 40 cubic yards			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$96,892.00	\$96,892.00	\$96,892.00	\$96,892.00

Back up lights: Qty 2 additional on tailgate - LED type	\$590.00
Back up lights: Qty 2 additional on mid-body rubrails - LED type	\$590.00
Work lights: Qty 2 additional on canopy - Bulb type	\$400.00
Work lights: Qty 2 additional on canopy - LED type	\$590.00
LED light package: additional red central LED brake light on tailgate & LED stop, turn & tail lights in upper tailgate light box	\$770.00
Work light: Qty 1 on LH mirror facing hopper - Bulb type	\$310.00
Work light: Qty 1 on LH mirror facing hopper - LED type	\$430.00
Work light: Qty 2 additional, one on LH mirror and one RH mirror facing hopper - Bulb type	\$400.00
Work light: Qty 2 additional, one on LH mirror and one RH mirror facing hopper - LED type	\$590.00
"Lights: LED Truck-Lite Multi-Function Strobe/Turn signals,additional red central brake light & stop-tail lights in uppertailgate box light"	\$960.00
Muncie transmission driven PTO: Continuous engagement with standard gear type pump	\$2,750.00
Work-at-idle dual front mount pump*	\$5,580.00
Front Vane Pump ILO standard Front Gear Pump	\$240.00
Packer cylinders: Chrome type cylinders ILO Nitrated with shavers	NA
Hydraulic oil heater: in-tank	\$1,090.00
Hydraulic pump top cover	\$290.00
Hydraulic warning kit (light & buzzer indicator for low hydraulic oil level & hydraulic temperature gauge on dashboard)	\$900.00
Hydraulic pressure gauge on main valve	\$100.00
Warning light for hydraulic filter replacement on return line	\$520.00
Single Clarion on tailgate facing rear with 7.4" color, monitor (includes heater & shutter on camera)	NA
Dual Clarion with 7.4" color, swivel monitor (incl. heater, autoswitcher & shutter) *	NA
Triple Clarion with 7.4" color, swivel monitor (incl. heater, autoswitcher & shutter) *	NA
Single Safety Vision on tailgate facing rear with 6.8" LCD monitor (includes heater & shutter on camera)	\$2,360.00
Dual Safety Vision with 6.8" LCD monitor (incl. heater, autoswitcher & shutter) *	\$3,480.00
Triple Safety Vision with 6.8" LCD monitor (incl. heater, autoswitcher & shutter) *	\$4,930.00
Single 3rd Eye on tailgate facing rear with 7" color, LCD swivel monitor (includes heater, sound, night vision & high electromagnetic noise resistance - no shutter)	\$1,330.00
Dual 3rd Eye with 7" color, LCD swivel monitor (incl. heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher - no shutter) *	\$1,690.00
Triple 3rd Eye with 7" color LCD swivel monitor (incl. heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher, no shutter) *	\$2,310.00
Camera system: 3rd Eye, installed on body builder cable	NC
Toolbox: Aluminum, chassis-mounted, size: 24" x 24" x 24"	\$1,220.00

VEHICLE:	Super Duty Front Loader - 40 cubic yards			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$96,892.00	\$96,892.00	\$96,892.00	\$96,892.00

Wheelbase modification: Stretch tandem axle chassis (including longer ABS cable & drive shaft) <i>contact factory for quote</i> ¹	NA ¹
Wheelbase modification: Shorten tandem axle chassis <i>contact factory for quote</i> ¹	NA ¹
Supply and Install Telma Axial Mount (Includes solid state controller, steering column activation, and brake pedal activation with on/off switch mounted on dash, compliant with ABS systems) <i>contact factory for quote</i> ¹	NA ¹
13.5K Hendrickson Composilite FX non-steer pusher axle (including steel wheels and tires)	\$9,370.00
13.5K Hendrickson Composilite FX non-steer pusher axle (including aluminum wheels and tires)	\$10,840.00
13.5K Hendrickson Composilite steerable tag axle (including steel wheels and tires)	\$11,400.00
13.5K Hendrickson Composilite steerable tag axle (including aluminum wheels and tires)	\$12,660.00
Rear Tow Hooks (2)	\$300.00
Supply and install a front bumper extension with a protective skid plate extension only	\$370.00
Adjustable arms cradles installed on bumper	\$960.00
Remote air drains petcock type	\$400.00
Body: One color body paint Base, coat/Clear coat 1	\$1,950.00
Body: One color body paint, Urethane: included in unit base price	Std
Body: Two Color Body Paint Scheme, Urethane (Just one separation) 1	\$1,530.00
Body: Two Color Body Paint Scheme, Base coat/Clear coat (Just one separation)	\$2,960.00
Body: Bolt-on parts including ladder, ICC bumper & light box painted body color	Incl.
Chassis: Cab over exterior including doors jams, one color other than color supplied, Urethane (Without paint scheme)	\$2,050.00
Chassis: Cab over exterior including doors jams, one color other than color supplied, Urethane (With paint scheme, just one separation)	NA
Chassis: Cab over exterior including doors jams, one color other than color supplied, Base coat/Clear coat (Without paint scheme)	\$2,330.00
Chassis: Paint complete chassis frame and parts other than black 2	NA
Chassis: Paint chassis components customer color (other than black)	\$830.00
Ziebart undercoating on cab: chassis & body <i>contact factory for quote</i> ¹	NA ¹
CAUTION THIS VEHICLE STOPS AND BACKS FREQUENTLY, 74.5in x 23.5in	\$200.00
CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY BACK 50 FEET, 65in x 20in	\$200.00
SLOW DOWN TO GET AROUND, 36in x 18in	\$200.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LABRIE SUPER DUTY FRONT LOADER - 44 CUBIC YARDS (Specification #72)</u>			
Amick Equipment Co., Inc.	2016 Labrie Super Duty Front Loader - 44 cubic yards	★Appalachia	\$98,222.00
Amick Equipment Co., Inc.	2016 Labrie Super Duty Front Loader - 44 cubic yards	★Dogwood	\$98,222.00
Amick Equipment Co., Inc.	2016 Labrie Super Duty Front Loader - 44 cubic yards	★Cardinal	\$98,222.00
Amick Equipment Co., Inc.	2016 Labrie Super Duty Front Loader - 44 cubic yards	★Longleaf Pine	\$98,222.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE SUPER DUTY FRONT LOADER - 44 CUBIC YARDS **SPECIFICATION #72**

2016 Labrie Super Duty Front Loader - 44 cubic yards

Cab Over should be front mount Pump, with overspeed protection; PTO front adapter spicer 1350: Engine 350 HP, 1250 lb torque at idle; Allison 4500 RDS transmission with overspeed protection; PTO front adapter spicer 1350: Engine 350 HP, 1250 lb torque at idle; Allison 4500 RDS transmission with overspeed protection; Chassis GVWR: 60,000 lbs; Front Axle: 20,000 lbs; Rear axle: 44,000 rear tandem; Wheel base: TBD; After Frame: 65"; *All final chassis specs must be approved by body Supplier. Labrie chassis specs must be approved by Labrie before final chassis specs will be accepted!**

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY STANDARDS

- a. Total Capacity 40 C.Y (38+2)
- b. Factory installation on suitable chassis (Additional surcharge may be added to units mounted on hybrid chassis or chassis equipped with manual transmission)
- c. 12 C.Y. hopper
- d. Low profile hopper wind flanges
- e. Chromium overlay wear strips: On packer shoes and channels
- f. Packer panel: Full eject type, full height
- g. Horizontal sliding top hopper door
- h. Metal canopy above cab
 - i. Front header aluminum guard to eliminate refuse falling on engine
 - j. Hinge type access door with ladder and grab handle: Curb side
 - k. Roof access ladder: Reversible at rear
 - l. Automatic tailgate latches
- m. Clean out tools: Broom & shovel kit installed on back side of packer panel
- n. Centralized grease block by access door for packer cylinders pins: 2 points
- o. Front of tandem axle mudflaps with Labrie logo and with anti-sail bars
- p. Rear of tandem axle mudflaps with Labrie logo and without anti-sail bars
- q. Hardox Steel Construction
- r. Lifting Arm Standards
- s. Arms rated capacity - 10,000 lbs
- t. Standard arms lifting capacity - 8,000 lbs
- u. Forks - 1 1/2" thick

2. FINISHING STANDARDS

- a. Grit-blasted body steel
- b. One color body paint Urethane Urethane
- c. Marine rust inhibitor treatment on body

d. Bolt-on parts are charcoal gray (ladder, bumpers & light box)

3. GENERAL STANDARDS

a. Warranty on Body & Hydraulics - 1 year

4. HYDRAULIC / PNEUMATIC STANDARDS

- a. Front pump gear type
- b. Directional valve
- c. Air over hydraulic
- d. 5 sections
- e. Hydraulic deceleration valve: arm up mode
- f. Automatic packing cycle
- g. Pilot lockout - tailgate
- h. Aluminum hydraulic tank with oil level, oil temperature gauge and 3" oil
- i. Suction shut off valve
- j. Two double acting tailgate cylinders
- k. Two double acting telescopic packer cylinders with Durascopetm shavers
- l. Return line filter - 5 micron
- m. Suction line strainer - 100 mesh
- n. Zinc plated hydraulic tubing

5. LIGHT STANDARD PACKAGE

- a. Mid body turn signals
- b. LED body and LED backup
- c. Combination stop, turn and tail lights on bottom light box
- d. Body clearance lights and reflectors (FMVSS standards)
- e. License plate
- f. Hopper flood lamp with on/off switch

6. STANDARD CONTROLS

- a. Twin stick for forks and arms control
- b. Tailgate and top door controls: in-cab
- c. Function and indicator lights: in-cab
- d. Full cycle packing/manual eject push button
- e. Packer return push button
- f. Adjustable timer to keep packer panel in packing position before retracting
- g. Arm operation below canopy level during packing cycle
- h. Close tailgate when packer panel in mid-stroke position
- i. Pump: rocker switch with indicator light
- j. Circuit breakers: manually-reset in console (except main power)

7. SAFETY STANDARDS

- a. All functions disable when access door open
- b. Park and return when tailgate close
- c. Eject system in operation only of the tailgate is opened and operator holds a button on the console
- d. No arms up movement above canopy when packer panel not in home position
- e. No arms up movement when top door not completely open
- f. Packing cycle available when top door closed
- g. Pressure switch on hydraulic system for over pressure protection
- h. 5lbs fire extinguisher, first aid kit, triangle kit, and flare kit
- i. Warning light: indicates arm and fork not stowed
- j. Warning light and buzzer: tailgate open
- k. Warning light: top hopper door open
- l. Warning light: access door open
- m. Warning light: packer panel not in home position
- n. Safety prop: tailgate
- o. Back up alarm
- p. Conspicuity tape - 3"
- q. ANSI Z245.1-2008 compliant



NORTH CAROLINA SHERIFFS' ASSOCIATION

LABRIE SUPER DUTY FRONT LOADER - 44 CUBIC YARDS SPECIFICATION #72

2016 Labrie Super Duty Front Loader - 44 cubic yards

The Labrie Super Duty Front Loader - 44 cubic yards purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$98,222.00	\$98,222.00	\$98,222.00	\$98,222.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Super Duty Front Loader - 44 cubic yards			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$98,222.00	\$98,222.00	\$98,222.00	\$98,222.00

Order Code	Add Options	All Zones
	Compressed natural gas options (contact dealer for pricing and availability)	NA
	Arm lifting capacity: 10,000 lbs.	\$1,040.00
	Fork steel thickness: 1½ in. ILO of 1 in.	\$550.00
	Deceleration valve on arms down movement	\$950.00
	Service hoist (according to space availability)	\$3,840.00
	Safety Props (without service hoist)	\$1,050.00
	Hopper clean out sump with door on street side	\$1,380.00
	Adjustable hydraulic fork: Right fork movement only (1-1/4" thick forks)	\$4,340.00
	Adjustable hydraulic forks: Right and left forks movement (1-1/4" thick forks)	\$6,510.00
	Extended hopper wind flanges (6" high)	\$630.00
	Canopy sweeper	\$630.00
	Residential collection container 4 C.Y. with Wittke cart tipper model CC-220 (Includes tipper hydraulic. Tipper is installed on Curb-Side)* - Yellow	\$14,880.00
	Wittke residential collection container 4 C.Y. for manual operation -Yellow	\$6,380.00
	Hydraulic provision for residential collection container for cart tipper (No can included). Includes hydraulic components and control valve installed on Curb-side Packer controls (pack, stop and return)	\$5,310.00
	Mechanical/Electrical: Forks compliance, adjustable cradles, Auto- Pack, Weather Pack connectors	NA
	Commercial Auto-Dump Street Side with Auto-Levelling (throttle advance toggle switch included)	\$4,080.00
	Brake system: Global Search Eye	NA
	Preco preview dual sensor radar system (Proximity detection system)	\$1,590.00
	Drive position main control pneumatic joystick, 1 handle, arm & fork actuation (upgrade from 2 handle stick)	NC
	Electric main valve system ILO pneumatic main valve system	\$2,730.00
	Autopack (engaged when arms drop below windshield with on/off switch)	\$400.00
	Body raised warning indicator lamp and audible buzzer (Service hoist option required)	\$370.00
	Hour Meter display connected to PTO switch	\$250.00
	Street side outside controls: Joystick 2 handles, pack, stop and return pushbuttons in enclosure on left side behind cab with throttle advance toggle switch (On, off & auto)*	\$2,370.00
	Curb side outside controls: Joystick 2 handles, pack, stop and return pushbuttons in enclosure on right side behind cab with throttle advance toggle switch (On, off & auto)*	\$2,370.00
	Throttle advance toggle switch (On, off & Auto)	\$380.00
	Lights: Amber alternating flashing 4" LED Truck-Lite in upper tailgate	\$520.00
	Light: Amber strobe 6" Preco in center of tailgate -Qty 1	\$460.00
	Light: Amber strobe Whelen 800 DHP in center of tailgate -Qty 1	\$590.00
	Bar light 48" LED light traffic director: Star model LTD730 in middle of tailgate - in cab switch	\$1,170.00

VEHICLE:	Super Duty Front Loader - 44 cubic yards			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$98,222.00	\$98,222.00	\$98,222.00	\$98,222.00

Back up lights: Qty 2 additional on tailgate - LED type	\$590.00
Back up lights: Qty 2 additional on mid-body rubrails - LED type	\$590.00
Work lights: Qty 2 additional on canopy - Bulb type	\$400.00
Work lights: Qty 2 additional on canopy - LED type	\$590.00
LED light package: additional red central LED brake light on tailgate & LED stop, turn & tail lights in upper tailgate light box	\$770.00
Work light: Qty 1 on LH mirror facing hopper - Bulb type	\$310.00
Work light: Qty 1 on LH mirror facing hopper - LED type	\$430.00
Work light: Qty 2 additional, one on LH mirror and one RH mirror facing hopper - Bulb type	\$400.00
Work light: Qty 2 additional, one on LH mirror and one RH mirror facing hopper - LED type	\$590.00
"Lights: LED Truck-Lite Multi-Function Strobe/Turn signals,additional red central brake light & stop-tail lights in uppertailgate box light"	\$960.00
Muncie transmission driven PTO: Continuous engagement with standard gear type pump	\$2,750.00
Work-at-idle dual front mount pump*	\$5,580.00
Front Vane Pump ILO standard Front Gear Pump	\$240.00
Packer cylinders: Chrome type cylinders ILO Nitrated with shavers	NA
Hydraulic oil heater: in-tank	\$1,090.00
Hydraulic pump top cover	\$290.00
Hydraulic warning kit (light & buzzer indicator for low hydraulic oil level & hydraulic temperature gauge on dashboard)	\$900.00
Hydraulic pressure gauge on main valve	\$100.00
Warning light for hydraulic filter replacement on return line	\$520.00
Single Clarion on tailgate facing rear with 7.4" color, monitor (includes heater & shutter on camera)	NA
Dual Clarion with 7.4" color, swivel monitor (incl. heater, autoswitcher & shutter) *	NA
Triple Clarion with 7.4" color, swivel monitor (incl. heater, autoswitcher & shutter) *	NA
Single Safety Vision on tailgate facing rear with 6.8" LCD monitor (includes heater & shutter on camera)	\$2,360.00
Dual Safety Vision with 6.8" LCD monitor (incl. heater, autoswitcher & shutter) *	\$3,480.00
Triple Safety Vision with 6.8" LCD monitor (incl. heater, autoswitcher & shutter) *	\$4,930.00
Single 3rd Eye on tailgate facing rear with 7" color, LCD swivel monitor (includes heater, sound, night vision & high electromagnetic noise resistance - no shutter)	\$1,330.00
Dual 3rd Eye with 7" color, LCD swivel monitor (incl. heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher - no shutter) *	\$1,690.00
Triple 3rd Eye with 7" color LCD swivel monitor (incl. heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher, no shutter) *	\$2,310.00
Camera system: 3rd Eye, installed on body builder cable	Std
Toolbox: Aluminum, chassis-mounted, size: 24" x 24" x 24"	\$1,220.00

VEHICLE:	Super Duty Front Loader - 44 cubic yards			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$98,222.00	\$98,222.00	\$98,222.00	\$98,222.00

Wheelbase modification: Stretch tandem axle chassis (including longer ABS cable & drive shaft) <i>contact factory for quote</i> ¹	NA ¹
Wheelbase modification: Shorten tandem axle chassis <i>contact factory for quote</i> ¹	NA ¹
Supply and Install Telma Axial Mount (Includes solid state controller, steering column activation, and brake pedal activation with on/off switch mounted on dash, compliant with ABS systems) <i>contact factory for quote</i> ¹	NA ¹
13.5K Hendrickson Composilite FX non-steer pusher axle (including steel wheels and tires)	\$9,370.00
13.5K Hendrickson Composilite FX non-steer pusher axle (including aluminum wheels and tires)	\$10,840.00
13.5K Hendrickson Composilite steerable tag axle (including steel wheels and tires)	\$11,400.00
13.5K Hendrickson Composilite steerable tag axle (including aluminum wheels and tires)	\$12,660.00
Rear Tow Hooks (2)	\$300.00
Supply and install a front bumper extension with a protective skid plate extension only	\$370.00
Adjustable arms cradles installed on bumper	\$960.00
Remote air drains petcock type	\$400.00
Body: One color body paint Base, coat/Clear coat 1	\$1,950.00
Body: One color body paint, Urethane: included in unit base price	Std
Body: Two Color Body Paint Scheme, Urethane (Just one separation) 1	\$1,530.00
Body: Two Color Body Paint Scheme, Base coat/Clear coat (Just one separation)	\$2,960.00
Body: Bolt-on parts including ladder, ICC bumper & light box painted body color	Incl.
Chassis: Cab over exterior including doors jams, one color other than color supplied, Urethane (Without paint scheme)	\$2,050.00
Chassis: Cab over exterior including doors jams, one color other than color supplied, Urethane (With paint scheme, just one separation)	NA
Chassis: Cab over exterior including doors jams, one color other than color supplied, Base coat/Clear coat (Without paint scheme)	\$2,330.00
Chassis: Paint complete chassis frame and parts other than black 2	NA
Chassis: Paint chassis components customer color (other than black)	\$830.00
Ziebart undercoating on cab: chassis & body	NA
CAUTION THIS VEHICLE STOPS AND BACKS FREQUENTLY, 74.5in x 23.5in	\$200.00
CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY BACK 50 FEET, 65in x 20in	\$200.00
SLOW DOWN TO GET AROUND, 36in x 18in	\$200.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LOADMASTER EXCEL "S" REAR LOADER - 20 YARD (Specification #73)</u>			
Amick Equipment Co., Inc.	2016 Loadmaster Excel "S" Rear Loader - 20 Yard	★Appalachia	\$50,600.00
Amick Equipment Co., Inc.	2016 Loadmaster Excel "S" Rear Loader - 20 Yard	★Dogwood	\$50,600.00
Amick Equipment Co., Inc.	2016 Loadmaster Excel "S" Rear Loader - 20 Yard	★Cardinal	\$50,600.00
Amick Equipment Co., Inc.	2016 Loadmaster Excel "S" Rear Loader - 20 Yard	★Longleaf Pine	\$50,600.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LOADMASTER EXCEL "S" REAR LOADER - 20 YARD

SPECIFICATION #73

2016 Loadmaster Excel "S" Rear Loader - 20 Yard

CHASSIS REQUIREMENT - BODY CAPACITY - 20 CUBIC YARDS, BODY WIDTH - 96", BODY LENGTH - 262", BODY HEIGHT ABOVE CHASSIS FRAME - 94", BODY WEIGHT - 15,000 LBS. CAB OVER: Engine set at 800 rpm Idle, with speed up option to 1200 RPM; Allison RDS transmissions setup for PTO and overspeed protection, kick out at 1550 rpm. (Have chassis programmed with remote throttle to 1,200 RPM prior to shipping to Loadmaster. Chassis must be setup for front mount pump if that option is chosen for body); Conventional Cab: Engine set at 800 rpm Idle, with speed up option to 1200 RPM; Allison RDS transmissions setup for PTO and overspeed protection, kick out at 1550 rpm. (Have chassis programmed with remote throttle to 1,200 RPM prior to shipping to Loadmaster. Chassis must be setup for front mount pump if that option is chosen for body. Chassis Minimum GVWR - 48,000; Front Axle: 14,000 lbs; Rear axle: 34,000 lbs (tandem); Usable CT (Cab to center of Axles): 132"; After Frame: 26"

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. SPECIFICATIONS

- a. Front axle rating - 14,000
- b. Rear axle ratings - 34,000
- c. Body Width - 95 3/4"
- d. Body Length - 262"
- e. Body Height above chassis frame - 93 1/2"
- f. Hopper inside width - 75"
- g. Hopper opening height - 60"
- h. Minimum GVWR - 48,000
- i. Cab to tandem length - 132"
- j. Required After Frame - 26"

2. PACKER SPECIFICATIONS

- a. Hopper capacity - 3.7 yds
- b. Load sill below chassis frame - 4"
- c. Packer cycle time - 22 Seconds
- d. Slide Shoes - (4) Nylatron NSM ultra high strength & (4) UHMW Polyethylene rebound

3. BODY CONSTRUCTION

- a. Roof - 3/16" High Tensile

- b. Sides - 8 gauge
- c. Sweep Panel - 1/4" T-1 Alloy
- d. Sweep Panel Push Arms - 1/2" High Tensile
- e. Body Floor - 3/16" High Tensile
- f. Lower Tailgate sides - 3/16" T-1 Alloy
- g. Upper Tailgate Sides - 3/16" Hi Tensile
- h. Hopper Floor - 1/4" T-1 Alloy
 - i. Ejector Face Panel - 3/16" High Tensile
 - j. Separator Panel - 3/16" T-1 Alloy
- k. Body Longitudinals - 3" x 8" x 1/4" Boxed Channel
 - l. Ejectors Track Channel - 1/4" High Tensile
- m. Ejector Shoes - (10) Nylatron NSM Ultra High Strength

4. HYDRAULIC SYSTEM

- a. Oil reservoir - 45 Gallons
- b. Pump (PTO) - 42 GPM
- c. Operating Pressure - 3200 PSI Max
- d. Hoses - 4 to 1 burst rating
- e. Return Filter - 5 Micron premium Microglass with monitor
- f. Suction Filter - 141 micron filter in tank for suction
- g. Engine RPM - Idle to 1650 RPM

5. HYDRAULIC CYLINDER SPECIFICATIONS

- a. Tailgate Raise Cylinders - 4 3/4" Bore single acting
- b. Sweep Cylinders - 5" Bore x 3" Rod Cushioned; Hard Bushed Pinnings
- c. Slide Cylinders - 5" bore x 2 1/2" Rod Cushioned
- d. Ejector Cylinder - 4- Stage: 6 1/2", 5 1/2", 4 1/2", 3 1/2"
- e. Tailgate Mounted Valve - Parker VG35 w/ Parker Robust "EHP" Knockouts
- f. Body Mounted Valve - Parker V20

6. ELECTRICAL SPECIFICATIONS

- a. Deutsch connectors
- b. All wire color coded and function imprints
- c. Marine style rocker switches
- d. LED Lights

7. STANDARD EQUIPMENT

- a. Pack on Idle or Pack on the GO
- b. Body Access Door
- c. Smooth body sidewall design
- d. Chrome cylinder rods
- e. Side access door to hopper
- f. Nitro carbonate single hoist cylinder
- g. Site gauge on reservoir tank
- h. Tailgate ajar alarm
 - i. Back up alarm
- j. PPG Coatings
- k. LED lights
 - l. Color Coded control levers
- m. Rhino Lined undercoating and lower fenders
- n. Mudflaps on rear tires
- o. Turn Buckle Gate Latches
- p. Bolt on riding steps
- q. Ladder to body door
- r. Ladder running to body roof
- s. Hard bushed wrist pivots

8. STANDARD WARRANTIES

- a. 1 Year Body Warranty

- b. 2 year Hopper Blade Structure Warranty
- c. 3 Year cylinder warranty (excludes eject cylinder)



NORTH CAROLINA SHERIFFS' ASSOCIATION

LOADMASTER EXCEL "S" REAR LOADER - 20 YARD SPECIFICATION #73

2016 Loadmaster Excel "S" Rear Loader - 20 Yard

The Loadmaster Excel "S" Rear Loader - 20 Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$50,600.00	\$50,600.00	\$50,600.00	\$50,600.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Excel "S" Rear Loader - 20 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$50,600.00	\$50,600.00	\$50,600.00	\$50,600.00

Order Code	Add Options	All Zones
2210002 ¹	Air Shift w/ Pump - Manual Trans <i>Air shift to be used with manual transmissions</i> ¹	\$2,100.00 ¹
2210003 ¹	Hot Shift PTO w/ Pump Allison 3000 series trans	\$2,420.00 ¹
2210005 ¹	Hot Shift PTO w/ Pump Allison 4000 series trans	\$2,420.00 ¹
0103050 ¹	Loadmaster "Front Pump" System w/ Sump Splash Control	\$2,500.00 ¹
2210004 ¹	Quiet Route Pump upcharge for Front Mount Pump Setups <i>Add to front mount pricing above. Engine must meet minimum torque requirements.</i> ¹	\$375.00 ¹
2209006 ¹	20,000lb Pusher axle with 4 rims and tires <i>* Note: This is for two Rims and two tires. One tire and rim per side. * Silent Drive</i> ¹	\$7,300.00 ¹
2209007 ¹	13,200lb Steerable Pusher axle <i>* Note: This is for two Rims and two tires. One tire and rim per side. ** Silent Drive</i> ¹	\$7,500.00 ¹
2209008 ¹	13,200lb Rigid Pusher axle <i>* Note: This is for two Rims and two tires. One tire and rim per side. ** Non steerable *** Silent Drive</i> ¹	\$7,100.00 ¹
0120048 ¹	Engine or PTO Kill Switch – Single	\$350.00 ¹
0120049 ¹	Engine or PTO Kill Switch – Double	\$420.00 ¹
0120035 ¹	Hopper Work Light – Single	\$180.00 ¹
0120036 ¹	Hopper Work Light – Double	\$210.00 ¹
0120037 ¹	Strobe Light Single on rear	\$300.00 ¹
0120504 ¹	Strobe Light Single with cage on rear	\$340.00 ¹
0120518 ¹	Strobes (2 Front and 2 Rear) <i>HAF Strobes</i> ¹	\$1,680.00 ¹
2209014 ¹	LED Back up Lights	\$395.00 ¹
0120054 ¹	LED Strobe System – (2) 4" Dia. T/G <i>Mounted on tailgate - top light bar</i> ¹	\$315.00 ¹
0120055 ¹	LED Strobe System – (4) 4" Dia. Body & T/G <i>Mounted on tailgate - top light bar and below</i> ¹	\$470.00 ¹
0120056 ¹	LED Strobe System – (2) 4" Dia. T/G Clear <i>Mounted on tailgate - top light bar</i> ¹	\$425.00 ¹
0120642 ¹	LED Flashing System – (2) 7" Dia. T/G	\$470.00 ¹
0120635 ¹	LED Flashing System – (4) <i>Alternating flashing system. LED</i> ¹	\$700.00 ¹
0120775 ¹	Dual Work Lights Outside <i>With brush guard. Outside of hopper.</i> ¹	\$230.00 ¹
0120046 ¹	Body Side Marker (18 & 20 Yd. Bodies) <i>Add if needed on a 20yd.</i> ¹	\$230.00 ¹
0120307 ¹	Amber Std. Strobe Light on Body & Tailgate	\$470.00 ¹
2201010 ¹	Center Mount Brake Light	\$230.00 ¹

VEHICLE:	Excel "S" Rear Loader - 20 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$50,600.00	\$50,600.00	\$50,600.00	\$50,600.00

0120309 ¹	Camera System – Color w/ 7" Flat Monitor	\$840.00 ¹
0120557 ¹	Dual Camera System – Color w/ 7" Flat Monitor <i>* Call for second camera head placement¹</i>	\$1,200.00 ¹
0123541A ¹	DVR recorder system for camera <i>* Call for configuration and pricing.¹</i>	NA ¹
2208002 ¹	Body Polyurethane Enamel Paint - Match Cab <i>*Non metallic match to cab. ** Paint code needed. *** Single color **** Call for custom painting or stripes.¹</i>	\$2,190.00 ¹
2208001 ¹	Body Polyurethane Enamel Paint - Customer Supplied Paint Color (Code Required) <i>*Non metallic paint, single color. ** Paint code needed *** Call for custom painting or stripes.¹</i>	\$2,190.00 ¹
2208004 ¹	Metallic Upcharge for body paint <i>Add to price above for metallic paint¹</i>	\$750.00 ¹
2205037 ¹	High Pressure Filter w/ Lights and Buzzer	\$600.00 ¹
0120558 ¹	Filter Condition Alarm in Cab	\$315.00 ¹
0120369 ¹	Frame Mounted Oil Tank w/ 24" Diameter - 60 Gallon	\$420.00 ¹
0120544 ¹	One Extra Valve Section w/ Controls	\$1,200.00 ¹
0120543 ¹	Two Extra Valve Sections w/ Controls	\$1,470.00 ¹
0120561 ¹	Cordura Fabric Wrapped Hoses	\$340.00 ¹
0120562 ¹	Wire Wrapped Hoses	\$370.00 ¹
0120325 ¹	Cart Tipper Tubes – Single <i>Hydraulic tubes installed for tipper¹</i>	\$280.00 ¹
0120326 ¹	Cart Tipper Tubes – Double <i>Hydraulic tubes installed for tippers¹</i>	\$525.00 ¹
0120559 ¹	Hydraulic Pump Shutdown System	\$420.00 ¹
0130014 ¹	Pressure Gauge & Hose Assy (up to 4,000 psi)	\$180.00 ¹
0130018 ¹	Pressure Gauge & Hose Assy (up to 5,000 psi)	\$340.00 ¹
0120337 ¹	Automatic T/G Locks	\$975.00 ¹
2201031 ¹	Super Tuff Hopper <i>5/16" AR400 Hopper Floor 1/4" AR400 Hopper Sides Additional bracing under hopper¹</i>	\$700.00 ¹
0100245 ¹	1/4" GR50 Body Floor <i>Build body floor using 1/4" GR50¹</i>	\$550.00 ¹
0120332 ¹	Ejector Face sheet-0.1875" GR <i>Build ejector face using 0.1875" GR50¹</i>	\$290.00 ¹
0120333 ¹	Ejector Face Sheet - .25" GR50 <i>Build ejector face using 0.25" GR50¹</i>	\$450.00 ¹
0120043 ¹	Body Floor Drain – 3"	\$280.00 ¹
0120058 ¹	Body Front Shield – Excel	\$220.00 ¹
2205008 ¹	Roof Tube Protector	\$315.00 ¹
0124545E ¹	Tapered Longitudinals	\$940.00 ¹
2211001A ¹	Rotoary Style cart tipper(s) Consult contract holder on brand, model and options <i>* Call for model and pricing¹</i>	NA ¹

VEHICLE:	Excel "S" Rear Loader - 20 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$50,600.00	\$50,600.00	\$50,600.00	\$50,600.00

2211002A ¹	Cylinder Style cart tipper(s) Consult contract holder on brand, model and options <i>* Call for model and pricing¹</i>	NA ¹
2211008 ¹	Installation Customer Supplied Tipper, Single using loadmaster hydraulics	\$1,260.00 ¹
2211009 ¹	Installation Customer Supplied Tipper, Double using loadmaster hydraulics	\$2,415.00 ¹
2211010 ¹	Installation Customer Supplied Tipper, Single using diverter valve and Hand Valve	\$2,520.00 ¹
2211011 ¹	Installation Customer Supplied Tipper, Double using diverter valves and Hand Valves	\$3,060.00 ¹
0120273 ¹	8,000 LB Drum Winch	\$3,050.00 ¹
0120328 ¹	12,000 LB Drum Winch	\$3,900.00 ¹
0120269 ¹	1-2 Yd Container Sling System	\$3,050.00 ¹
0120500 ¹	2-10 Yd Roof-Mtd Cable Reeving System	\$3,900.00 ¹
0120751 ¹	2-10 ENCLOSURE SHROUD OPTION	\$270.00 ¹
0120502 ¹	1-10 Yd Container Reeving System	\$6,825.00 ¹
0120416 ¹	Clear Step Kickbar	\$3,075.00 ¹
001225E ¹	Amick - Double Dumper	\$4,450.00 ¹
001226E ¹	Amick - Double Dumper w/Chute <i>18" Hopper extension for angled for chute.¹</i>	\$5,000.00 ¹
0120409 ¹	Unilatch Coupler	\$735.00 ¹
001226E ¹	Special Unilatch to Accommodate 84" Trunnion	\$735.00 ¹
2211030 ¹	Container Bumper Bar	\$315.00 ¹
0120662 ¹	Power Release Hook Holder w/ Cable Glide	\$315.00 ¹
0120355 ¹	1/4" 150,000 P.S.I. Tailgate Sides	\$580.00 ¹
0120531 ¹	1/4" 150,000 P.S.I. Separator Sheet	\$420.00 ¹
0120528 ¹	Sweep Blade Face Liner-.25" T-1	\$420.00 ¹
0120529 ¹	Slide Blade Face Liner- .1875 T-1	\$470.00 ¹
0120356 ¹	3/16" AR T/G Side Liner	\$945.00 ¹
0120356E ¹	3/16" AR T/G Upper Hopper Floor Liner	\$420.00 ¹
0120357 ¹	3/16" AR T/G Hopper Floor Liner	\$945.00 ¹
0120358 ¹	1/4" AR T/G Hopper Floor Liner	\$1,050.00 ¹
0120240 ¹	Heavy Duty Packing Blades - Excel	\$525.00 ¹
6600004 ¹	ZLIST: 2 Inch Lowered Sill Excel	\$370.00 ¹
2205021 ¹	Excel Face Seal Option (ide & eep)	\$240.00 ¹
1200547E ¹	T/G Side Tube Protectors	\$350.00 ¹
0120799 ¹	Fire Extinguisher Mtd Under Body – 20 Lb	\$280.00 ¹
9960321 ¹	Fire Extinguisher In Cab – 20 Lb	\$250.00 ¹
9960180 ¹	Fire Extinguisher In Cab-10 Lb	\$200.00 ¹
9960125 ¹	Fire Extinguisher In Cab-5 Lb	\$125.00 ¹
0120042 ¹	Wash Out System 60 Gal.	\$1,220.00 ¹

VEHICLE:	Excel "S" Rear Loader - 20 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$50,600.00	\$50,600.00	\$50,600.00	\$50,600.00

0120548 ¹	Wash Out System 80 Gal	\$1,330.00 ¹
0120149 ¹	Tool Box 18" x 18" x 36"	\$335.00 ¹
0120211 ¹	Steel Splash Guards FWD of Rear Axle	\$170.00 ¹
0120211E ¹	Steel Body Side Splash Guards	\$170.00 ¹
9960124 ¹	Triangle Kit in Cab	\$85.00 ¹
0120556 ¹	Shovel & Broom Holder In Body	\$135.00 ¹
0120424 ¹	Shovel & Broom Holder Both Sides	\$135.00 ¹
0120650 ¹	Tubular Style <i>* Shovel & Broom Holder Both Sides¹</i>	\$190.00 ¹
0120830 ¹	Chicago Excel Style Shovel Holder Both Sides	\$190.00 ¹
0120549 ¹	Water Cooler Mounted Under Body-3 Gal.	\$335.00 ¹
2201017 ¹	Water Cooler Mounted Under Body-5 Gal.	\$360.00 ¹
9960193 ¹	Anti Sail Mud Flap Brackets – Pair	\$70.00 ¹
0120806 ¹	Anti-Sail Polymer flaps-Ahead of Rear Axle	\$170.00 ¹
2211097 ¹	SXL Remote Zerks – Sweep & Slide	\$600.00 ¹
2211098 ¹	SXL Remote Zerks – Ejector	\$525.00 ¹
2211073 ¹	Dual Clean Out Doors	\$500.00 ¹
2211073E ¹	UBV Under Body Valve	\$350.00 ¹
0013443A ¹	Any and all chassis modifications are on a case by case. Consult manufacturer for pricing. <i>* Consult for pricing and availability¹</i>	NA ¹
2209011 ¹	5 year hydraulic Cylinder Warranty (Additional two years, Excludes Eject Cylinder) <i>An additional 2 years (5 years total)¹</i>	\$1,785.00 ¹
2209012 ¹	2 Year Body Warranty (Additional 1 year) <i>An additional 1 year (2 years total)¹</i>	\$1,500.00 ¹
012451A ¹	Alternative fuels systems (CNG, Propane, Store Energy, etc) Consult contract holder for pricing. <i>Consult contract holder on pricing and availability. * Chassis pricing may be increased by selecting alternative fuel.¹</i>	NA ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LOADMASTER EXCEL "S" REAR LOADER - 25 YARD (Specification #74)</u>			
Amick Equipment Co., Inc.	2016 Loadmaster Excel "S" Rear Loader - 25 Yard	★Appalachia	\$51,125.00
Amick Equipment Co., Inc.	2016 Loadmaster Excel "S" Rear Loader - 25 Yard	★Dogwood	\$51,125.00
Amick Equipment Co., Inc.	2016 Loadmaster Excel "S" Rear Loader - 25 Yard	★Cardinal	\$51,125.00
Amick Equipment Co., Inc.	2016 Loadmaster Excel "S" Rear Loader - 25 Yard	★Longleaf Pine	\$51,125.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LOADMASTER EXCEL "S" REAR LOADER - 25 YARD

SPECIFICATION #74

2016 Loadmaster Excel "S" Rear Loader - 25 Yard

CHASSIS REQUIREMENT - BODY CAPACITY - 25 CUBIC YARDS, BODY WIDTH - 96", BODY LENGTH - 288", BODY HEIGHT ABOVE CHASSIS FRAME - 94", BODY WEIGHT - 16,000 LBS. CAB OVER: ENGINE SET AT 800 RPM IDLE, WITH SPEED UP OPTION TO 1200 RPM; ALLISON RDS TRANSMISSIONS SETUP FOR PTO AND OVERSPEED PROTECTION, KICK OUT AT 1550 RPM. (HAVE CHASSIS PROGRAMMED WITH REMOTE THROTTLE TO 1,200 RPM PRIOR TO SHIPPING TO LOADMASTER. CHASSIS MUST BE SETUP FOR FRONT MOUNT PUMP IF THAT OPTION IS CHOSEN FOR BODY); CONVENTIONAL CAB: ENGINE SET AT 800 RPM IDLE, WITH SPEED UP OPTION TO 1200 RPM; ALLISON RDS TRANSMISSIONS SETUP FOR PTO AND OVERSPEED PROTECTION, KICK OUT AT 1550 RPM. (HAVE CHASSIS PROGRAMMED WITH REMOTE THROTTLE TO 1,200 RPM PRIOR TO SHIPPING TO LOADMASTER. CHASSIS MUST BE SETUP FOR FRONT MOUNT PUMP IF THAT OPTION IS CHOSEN FOR BODY. CHASSIS MINIMUM GVWR - 54,000; FRONT AXLE: 14,000 LBS; REAR AXLE: 40,000 LBS (TANDEM); USABLE CT (CAB TO CENTER OF AXLES): 158"; AFTER FRAME: 26"

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. SPECIFICATIONS

- a. Front axle rating - 14,000
- b. Rear axle ratings - 40,000
- c. Body Width - 95 3/4"
- d. Body Length - 288"
- e. Body Height above chassis frame - 93 1/2"
- f. Hopper inside width - 75"
- g. Hopper opening height - 60"
- h. Minimum GVWR - 54,000
- i. Cab to tandem length - 158"
- j. Required After Frame - 26"

2. PACKER SPECIFICATIONS

- a. Hopper capacity - 3.7 yds
- b. Load sill below chassis frame - 4"
- c. Packer cycle time - 22 Seconds
- d. Slide Shoes - (4) Nylatron NSM ultra high strength & (4) UHMW Polyethylene rebound

3. BODY CONSTRUCTION

- a. Roof - 3/16" High Tensile

- b. Sides - 8 gauge
- c. Sweep Panel - 1/4" T-1 Alloy
- d. Sweep Panel Push Arms - 1/2" High Tensile
- e. Body Floor - 3/16" High Tensile
- f. Lower Tailgate sides - 3/16" T-1 Alloy
- g. Upper Tailgate Sides - 3/16" Hi Tensile
- h. Hopper Floor - 1/4" T-1 Alloy
 - i. Ejector Face Panel - 3/16" High Tensile
 - j. Separator Panel - 3/16" T-1 Alloy
- k. Body Longitudinals - 3" x 8" x 1/4" Boxed Channel
 - l. Ejectors Track Channel - 1/4" High Tensile
- m. Ejector Shoes - (10) Nylatron NSM Ultra High Strength

4. HYDRAULIC SYSTEM

- a. Oil reservoir - 45 Gallons
- b. Pump (PTO) - 42 GPM
- c. Operating Pressure - 3200 PSI Max
- d. Hoses - 4 to 1 burst rating
- e. Return Filter - 5 Micron premium Microglass with monitor
- f. Suction Filter - 141 micron filter in tank for suction
- g. Engine RPM - Idle to 1650 RPM

5. HYDRAULIC CYLINDER SPECIFICATIONS

- a. Tailgate Raise Cylinders - 4 3/4" Bore single acting
- b. Sweep Cylinders - 5" Bore x 3" Rod Cushioned; Hard Bushed Pinnings
- c. Slide Cylinders - 5" bore x 2 1/2" Rod Cushioned
- d. Ejector Cylinder - 4- Stage: 6 1/2", 5 1/2", 4 1/2", 3 1/2"
- e. Tailgate Mounted Valve - Parker VG35 w/ Parker Robust "EHP" Knockouts
- f. Body Mounted Valve - Parker V20

6. ELECTRICAL SPECIFICATIONS

- a. Deutsch connectors
- b. All wire color coded and function imprints
- c. Marine style rocker switches
- d. LED Lights

7. STANDARD EQUIPMENT

- a. Pack on Idle or Pack on the GO
- b. Body Access Door
- c. Smooth body sidewall design
- d. Chrome cylinder rods
- e. Side access door to hopper
- f. Nitro carbonate single hoist cylinder
- g. Site gauge on reservoir tank
- h. Tailgate ajar alarm
 - i. Back up alarm
- j. PPG Coatings
- k. LED lights
 - l. Color Coded control levers
- m. Rhino Lined undercoating and lower fenders
- n. Mudflaps on rear tires
- o. Turn Buckle Gate Latches
- p. Bolt on riding steps
- q. Ladder to body door
- r. Ladder running to body roof
- s. Hard bushed wrist pivots

8. STANDARD WARRANTIES

- a. 1 Year Body Warranty

- b. 2 year Hopper Blade Structure Warranty
- c. 3 Year cylinder warranty (excludes eject cylinder)



NORTH CAROLINA SHERIFFS' ASSOCIATION

LOADMASTER EXCEL "S" REAR LOADER - 25 YARD SPECIFICATION #74

2016 Loadmaster Excel "S" Rear Loader - 25 Yard

The Loadmaster Excel "S" Rear Loader - 25 Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$51,125.00	\$51,125.00	\$51,125.00	\$51,125.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Excel "S" Rear Loader - 25 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$51,125.00	\$51,125.00	\$51,125.00	\$51,125.00

Order Code	Add Options	All Zones
2210002 ¹	Air Shift w/ Pump - Manual Trans <i>Air shift to be used with manual transmission</i> ¹	\$2,100.00 ¹
2210003 ¹	Hot Shift PTO w/ Pump Allison 3000 series trans	\$2,420.00 ¹
2210005 ¹	Hot Shift PTO w/ Pump Allison 4000 series trans	\$2,420.00 ¹
0103050 ¹	Loadmaster "Front Pump" System w/ Sump Splash Control	\$2,500.00 ¹
2210004 ¹	Quiet Route Pump upcharge for Front Mount Pump Setups <i>Add to front pump pricing above</i> ¹	\$375.00 ¹
22090006 ¹	20,000lb Pusher axle with 4 rims and tires <i>* Note: This is for two rims and two tires. One tire and rim per side. ** Silent Drive mfg</i> ¹	\$7,300.00 ¹
2209007 ¹	13,200lb Steerable Pusher axle <i>* Note: This is for two rims and two tires. One tire and rim per side. ** Silent Drive mfg</i> ¹	\$7,500.00 ¹
2209008 ¹	13,200lb Rigid Pusher axle <i>* Note: This is for two rims and two tires. One tire and rim per side. ** Silent Drive mfg</i> ¹	\$7,100.00 ¹
0120048 ¹	Engine or PTO Kill Switch – Single	\$350.00 ¹
0120049 ¹	Engine or PTO Kill Switch – Double	\$420.00 ¹
0120035 ¹	Hopper Work Light – Single	\$180.00 ¹
0120036 ¹	Hopper Work Light – Double	\$210.00 ¹
0120037 ¹	Strobe Light Single on rear	\$300.00 ¹
0120518 ¹	Strobe Light Single with cage on rear	\$340.00 ¹
0120518 ¹	Strobes (2 Front and 2 Rear) <i>HAF Strobes</i> ¹	\$1,680.00 ¹
2209014 ¹	LED Back up Lights	\$395.00 ¹
0120054 ¹	LED Strobe System – (2) 4" Dia. T/G <i>Mounted on tailgate - top light bar</i> ¹	\$315.00 ¹
0120055 ¹	LED Strobe System – (4) 4" Dia. Body & T/G <i>Mounted on tailgate - top light bar and lower</i> ¹	\$470.00 ¹
0120055 ¹	LED Strobe System – (2) 4" Dia. T/G Clear <i>Mounted on tailgate - top light bar</i> ¹	\$425.00 ¹
0120642 ¹	LED Flashing System – (2) 7" Dia. T/G	\$470.00 ¹
0120635 ¹	LED Flashing System – (4) <i>Alternating flashing system</i> ¹	\$700.00 ¹
0120775 ¹	Dual Work Lights Outside <i>With brush guard. Outside of hopper.</i> ¹	\$230.00 ¹
0120046 ¹	Body Side Marker (18 & 20 Yd. Bodies)	Incl. ¹
0120307 ¹	Amber Std. Strobe Light on Body & Tailgate	\$470.00 ¹
2201010 ¹	Center Mount Brake Light	\$230.00 ¹
0120309 ¹	Camera System – Color w/ 7" Flat Monitor	\$840.00 ¹

VEHICLE:	Excel "S" Rear Loader - 25 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$51,125.00	\$51,125.00	\$51,125.00	\$51,125.00

0120557 ¹	Dual Camera System – Color w/ 7" Flat Monitor <i>Call of second camera head placement</i> ¹	\$1,200.00 ¹
0123541A ¹	DVR recorder system for camera <i>Call for configuration and pricing</i> ¹	NA ¹
2208002 ¹	Body Polyurethane Enamel Paint - Match Cab <i>*Non metallic match to cab. ** Paint code needed. *** Single color **** Call for custom painting or stripes.</i> ¹	\$2,190.00 ¹
2208001 ¹	Body Polyurethane Enamel Paint - Customer Supplied Paint Color (Code Required) <i>*Non metallic match to cab. ** Paint code needed. *** Single color **** Call for custom painting or stripes.</i> ¹	\$2,190.00 ¹
2208004 ¹	Metallic Upcharge for body paint <i>Add to price above for metallic paint</i> ¹	\$750.00 ¹
2205037 ¹	High Pressure Filter w/ Lights and Buzzer	\$600.00 ¹
0120558 ¹	Filter Condition Alarm in Cab	\$315.00 ¹
0120369 ¹	Frame Mounted Oil Tank w/ 24" Diameter - 60 Gallon	\$420.00 ¹
0120544 ¹	One Extra Valve Section w/ Controls	\$1,200.00 ¹
0120543 ¹	Two Extra Valve Sections w/ Controls	\$1,470.00 ¹
0120561 ¹	Cordura Fabric Wrapped Hoses	\$340.00 ¹
0120562 ¹	Wire Wrapped Hoses	\$370.00 ¹
0120562 ¹	Cart Tipper Tubes – Single <i>Hydraulic tubes installed for tipper</i> ¹	\$280.00 ¹
0120326 ¹	Cart Tipper Tubes – Double <i>Hydraulic tubes installed for tippers</i> ¹	\$525.00 ¹
0120559 ¹	Hydraulic Pump Shutdown System	\$420.00 ¹
01300014 ¹	Pressure Gauge & Hose Assy (up to 4,000 psi)	\$180.00 ¹
0130018 ¹	Pressure Gauge & Hose Assy (up to 5,000 psi)	\$340.00 ¹
0120337 ¹	Automatic T/G Locks	\$975.00 ¹
2201031 ¹	Super Tuff Hopper <i>5/16" AR400 Hopper Floor 1/4" AR400 Hopper Sides Additional bracing under hopper</i> ¹	\$700.00 ¹
0100245 ¹	1/4" GR50 Body Floor <i>Build body floor using 1/4" GR50</i> ¹	\$550.00 ¹
0120332 ¹	Ejector Face sheet-0.1875" GR <i>Build ejector face using 0.1875" GR50</i> ¹	\$290.00 ¹
0120333 ¹	Ejector Face Sheet - .25" GR50 <i>Build ejector face using 0.25" GR50</i> ¹	\$450.00 ¹
0120043 ¹	Body Floor Drain – 3"	\$280.00 ¹
0120058 ¹	Body Front Shield – Excel	\$220.00 ¹
2205008 ¹	Roof Tube Protector	\$315.00 ¹
0124545E ¹	Tapered Longitudinals	\$940.00 ¹
2211001A ¹	Rotary Style cart tipper(s) Consult contract holder on brand, model and options <i>* Call for model and pricing</i> ¹	NA ¹

VEHICLE:	Excel "S" Rear Loader - 25 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$51,125.00	\$51,125.00	\$51,125.00	\$51,125.00

2211002A ¹	Cylinder Style cart tipper(s) Consult contract holder on brand, model and options <i>* Call for model and pricing¹</i>	NA ¹
2211008 ¹	Installation Customer Supplied Tipper, Single using loadmaster hydraulics	\$1,260.00 ¹
2211009 ¹	Installation Customer Supplied Tipper, Double using loadmaster hydraulics	\$2,415.00 ¹
2211010 ¹	Installation Customer Supplied Tipper, Single using diverter valve and Hand Valve	\$2,520.00 ¹
2211011 ¹	Installation Customer Supplied Tipper, Double using diverter valves and Hand Valves	\$3,060.00 ¹
0120273 ¹	8,000 LB Drum Winch	\$3,050.00 ¹
0120328 ¹	12,000 LB Drum Winch	\$3,900.00 ¹
0120269 ¹	1-2 Yd Container Sling System	\$3,050.00 ¹
0120500 ¹	2-10 Yd Roof-Mtd Cable Reeving System	\$3,900.00 ¹
0120751 ¹	2-10 ENCLOSURE SHROUD OPTION	\$270.00 ¹
0120502 ¹	1-10 Yd Container Reeving System	\$6,825.00 ¹
0120416 ¹	Clear Step Kickbar	\$3,075.00 ¹
001225E ¹	Amick - Double Dumper	\$4,450.00 ¹
001226E ¹	Amick - Double Dumper w/Chute <i>18" Hopper extension for angled for chute.¹</i>	\$5,000.00 ¹
0120409 ¹	Unilatch Coupler	\$735.00 ¹
001226E ¹	Special Unilatch to Accommodate 84" Trunnion	\$735.00 ¹
2211030 ¹	Container Bumper Bar	\$315.00 ¹
0120662 ¹	Power Release Hook Holder w/ Cable Glide	\$315.00 ¹
0120355 ¹	1/4" 150,000 P.S.I. Tailgate Sides	\$580.00 ¹
0120531 ¹	1/4" 150,000 P.S.I. Separator Sheet	\$420.00 ¹
0120528 ¹	Sweep Blade Face Liner-.25" T-1	\$420.00 ¹
0120529 ¹	Slide Blade Face Liner- .1875 T-1	\$470.00 ¹
0120356 ¹	3/16" AR T/G Side Liner	\$945.00 ¹
0120356E ¹	3/16" AR T/G Upper Hopper Floor Liner	\$420.00 ¹
0120357 ¹	3/16" AR T/G Hopper Floor Liner	\$945.00 ¹
0120358 ¹	1/4" AR T/G Hopper Floor Liner	\$1,050.00 ¹
0120240 ¹	Heavy Duty Packing Blades - Excel	\$525.00 ¹
6600004 ¹	ZLIST: 2 Inch Lowered Sill Excel	\$370.00 ¹
2205021 ¹	Excel Face Seal Option (ide & eep)	\$240.00 ¹
1200547E ¹	T/G Side Tube Protectors	\$350.00 ¹
0120799 ¹	Fire Extinguisher Mtd Under Body – 20 Lb	\$280.00 ¹
9960321 ¹	Fire Extinguisher In Cab – 20 Lb	\$250.00 ¹
9960180 ¹	Fire Extinguisher In Cab-10 Lb	\$200.00 ¹
9960125 ¹	Fire Extinguisher In Cab-5 Lb	\$125.00 ¹
0120042 ¹	Wash Out System 60 Gal.	\$1,220.00 ¹

VEHICLE:	Excel "S" Rear Loader - 25 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$51,125.00	\$51,125.00	\$51,125.00	\$51,125.00

0120548 ¹	Wash Out System 80 Gal	\$1,330.00 ¹
0120149 ¹	Tool Box 18" x 18" x 36"	\$335.00 ¹
010211 ¹	Steel Splash Guards FWD of Rear Axle	\$170.00 ¹
0120211E ¹	Steel Body Side Splash Guards	\$170.00 ¹
9960124 ¹	Triangle Kit in Cab	\$85.00 ¹
0120556 ¹	Shovel & Broom Holder In Body	\$135.00 ¹
0120424 ¹	Shovel & Broom Holder Both Sides	\$135.00 ¹
0120650 ¹	Tubular Style	\$190.00 ¹
0120830 ¹	Chicago Excel Style Shovel Holder Both Sides	\$190.00 ¹
0120549 ¹	Water Cooler Mounted Under Body-3 Gal.	\$335.00 ¹
2201017 ¹	Water Cooler Mounted Under Body-5 Gal.	\$360.00 ¹
9960193 ¹	Anti Sail Mud Flap Brackets – Pair	\$70.00 ¹
0120806 ¹	Anti-Sail Polymer flaps-Ahead of Rear Axle	\$170.00 ¹
2211097 ¹	SXL Remote Zerks – Sweep & Slide	\$600.00 ¹
2211098 ¹	SXL Remote Zerks – Ejector	\$525.00 ¹
2211073 ¹	Dual Clean Out Doors	\$500.00 ¹
2211073E ¹	UBV Under Body Valve	\$350.00 ¹
0013443A ¹	Any and all chassis modifications are on a case by case. Consult manufacturer for pricing. <i>* Consult for pricing and availability</i> ¹	NA ¹
2209011 ¹	5 year hydraulic Cylinder Warranty (Additional two years, Excludes Eject Cylinder) <i>An additional 2 years (5 years total)</i> ¹	\$1,785.00 ¹
2209012 ¹	2 Year Body Warranty (Additional 1 year) <i>An additional 1 year (2 years total)</i> ¹	\$1,500.00 ¹
012451A ¹	Alternative fuels systems (CNG, Propane, Store Energy, etc) Consult contract holder for pricing. <i>Consult contract holder on pricing and availability. * Chassis pricing may be increased by selecting alternative fuel.</i> ¹	NA ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LOADMASTER EXCEL "S" REAR LOADER - 27 YARD (Specification #75)</u>			
Amick Equipment Co., Inc.	2016 Loadmaster Excel "S" Rear Loader - 27 Yard	★Appalachia	\$51,650.00
Amick Equipment Co., Inc.	2016 Loadmaster Excel "S" Rear Loader - 27 Yard	★Dogwood	\$51,650.00
Amick Equipment Co., Inc.	2016 Loadmaster Excel "S" Rear Loader - 27 Yard	★Cardinal	\$51,650.00
Amick Equipment Co., Inc.	2016 Loadmaster Excel "S" Rear Loader - 27 Yard	★Longleaf Pine	\$51,650.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LOADMASTER EXCEL "S" REAR LOADER - 27 YARD

SPECIFICATION #75

2016 Loadmaster Excel "S" Rear Loader - 27 Yard

CHASSIS REQUIREMENT - BODY CAPACITY - 27 CUBIC YARDS, BODY WIDTH - 96", BODY LENGTH - 301", BODY HEIGHT ABOVE CHASSIS FRAME - 94", BODY WEIGHT - 16,400 LBS. CAB OVER: ENGINE SET AT 800 RPM IDLE, WITH SPEED UP OPTION TO 1200 RPM; ALLISON RDS TRANSMISSIONS SETUP FOR PTO AND OVERSPEED PROTECTION, KICK OUT AT 1550 RPM. (HAVE CHASSIS PROGRAMMED WITH REMOTE THROTTLE TO 1,200 RPM PRIOR TO SHIPPING TO LOADMASTER. CHASSIS MUST BE SETUP FOR FRONT MOUNT PUMP IF THAT OPTION IS CHOSEN FOR BODY); CONVENTIONAL CAB: ENGINE SET AT 800 RPM IDLE, WITH SPEED UP OPTION TO 1200 RPM; ALLISON RDS TRANSMISSIONS SETUP FOR PTO AND OVERSPEED PROTECTION, KICK OUT AT 1550 RPM. (HAVE CHASSIS PROGRAMMED WITH REMOTE THROTTLE TO 1,200 RPM PRIOR TO SHIPPING TO LOADMASTER. CHASSIS MUST BE SETUP FOR FRONT MOUNT PUMP IF THAT OPTION IS CHOSEN FOR BODY. CHASSIS MINIMUM GVWR - 56,000; FRONT AXLE: 14,000 LBS; REAR AXLE: 42,000 LBS (TANDEM); USABLE CT (CAB TO CENTER OF AXLES): 170"; AFTER FRAME: 26"

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. SPECIFICATIONS

- a. Front axle rating - 14,000
- b. Rear axle ratings - 42,000
- c. Body Width - 95 3/4"
- d. Body Length - 301"
- e. Body Height above chassis frame - 93 1/2"
- f. Hopper inside width - 75"
- g. Hopper opening height - 60"
- h. Minimum GVWR - 56,000
- i. Cab to tandem length - 170"
- j. Required After Frame - 26"

2. PACKER SPECIFICATIONS

- a. Hopper capacity - 3.7 yds
- b. Load sill below chassis frame - 4"
- c. Packer cycle time - 22 Seconds
- d. Slide Shoes - (4) Nylatron NSM ultra high strength & (4) UHMW Polyethylene rebound

3. BODY CONSTRUCTION

- a. Roof - 3/16" High Tensile

- b. Sides - 8 gauge
- c. Sweep Panel - 1/4" T-1 Alloy
- d. Sweep Panel Push Arms - 1/2" High Tensile
- e. Body Floor - 3/16" High Tensile
- f. Lower Tailgate sides - 3/16" T-1 Alloy
- g. Upper Tailgate Sides - 3/16" Hi Tensile
- h. Hopper Floor - 1/4" T-1 Alloy
 - i. Ejector Face Panel - 3/16" High Tensile
 - j. Separator Panel - 3/16" T-1 Alloy
- k. Body Longitudinals - 3" x 8" x 1/4" Boxed Channel
 - l. Ejectors Track Channel - 1/4" High Tensile
- m. Ejector Shoes - (10) Nylatron NSM Ultra High Strength

4. HYDRAULIC SYSTEM

- a. Oil reservoir - 45 Gallons
- b. Pump (PTO) - 42 GPM
- c. Operating Pressure - 3200 PSI Max
- d. Hoses - 4 to 1 burst rating
- e. Return Filter - 5 Micron premium Microglass with monitor
- f. Suction Filter - 141 micron filter in tank for suction
- g. Engine RPM - Idle to 1650 RPM

5. HYDRAULIC CYLINDER SPECIFICATIONS

- a. Tailgate Raise Cylinders - 4 3/4" Bore single acting
- b. Sweep Cylinders - 5" Bore x 3" Rod Cushioned; Hard Bushed Pinnings
- c. Slide Cylinders - 5" bore x 2 1/2" Rod Cushioned
- d. Ejector Cylinder - 4- Stage: 6 1/2", 5 1/2", 4 1/2", 3 1/2"
- e. Tailgate Mounted Valve - Parker VG35 w/ Parker Robust "EHP" Knockouts
- f. Body Mounted Valve - Parker V20

6. ELECTRICAL SPECIFICATIONS

- a. Deutsch connectors
- b. All wire color coded and function imprints
- c. Marine style rocker switches
- d. LED Lights

7. STANDARD EQUIPMENT

- a. Pack on Idle or Pack on the GO
- b. Body Access Door
- c. Smooth body sidewall design
- d. Chrome cylinder rods
- e. Side access door to hopper
- f. Nitro carbonate single hoist cylinder
- g. Site gauge on reservoir tank
- h. Tailgate ajar alarm
 - i. Back up alarm
- j. PPG Coatings
- k. LED lights
 - l. Color Coded control levers
- m. Rhino Lined undercoating and lower fenders
- n. Mudflaps on rear tires
- o. Turn Buckle Gate Latches
- p. Bolt on riding steps
- q. Ladder to body door
- r. Ladder running to body roof
- s. Hard bushed wrist pivots

8. STANDARD WARRANTIES

- a. 1 Year Body Warranty

- b. 2 year Hopper Blade Structure Warranty
- c. 3 Year cylinder warranty (excludes eject cylinder)



NORTH CAROLINA SHERIFFS' ASSOCIATION

LOADMASTER EXCEL "S" REAR LOADER - 27 YARD SPECIFICATION #75

2016 Loadmaster Excel "S" Rear Loader - 27 Yard

The Loadmaster Excel "S" Rear Loader - 27 Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$51,650.00	\$51,650.00	\$51,650.00	\$51,650.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Excel "S" Rear Loader - 27 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$51,650.00	\$51,650.00	\$51,650.00	\$51,650.00

Order Code	Add Options	All Zones
2210002 ¹	Air Shift w/ Pump - Manual Trans <i>Air shift to be used with manual transmissions</i> ¹	\$2,100.00 ¹
0010003 ¹	Hot Shift PTO w/ Pump Allison 3000 series trans	\$2,420.00 ¹
2210005 ¹	Hot Shift PTO w/ Pump Allison 4000 series trans	\$2,420.00 ¹
0103050 ¹	Loadmaster "Front Pump" System w/ Sump Splash Control	\$2,500.00 ¹
2210004 ¹	Quiet Route Pump upcharge for Front Mount Pump Setups <i>Add to front mount pricing above.</i> ¹	\$375.00 ¹
2209006 ¹	20,000lb Pusher axle with 4 rims and tires <i>* Note: This is for two Rims and two tires. One tire and rim per side. * Silent Drive</i> ¹	\$7,300.00 ¹
2209007 ¹	13,200lb Steerable Pusher axle <i>* Note: This is for two Rims and two tires. One tire and rim per side. ** Silent Drive</i> ¹	\$7,500.00 ¹
2209008 ¹	13,200lb Rigid Pusher axle <i>* Note: This is for two Rims and two tires. One tire and rim per side. ** Non steerable *** Silent Drive</i> ¹	\$7,100.00 ¹
0120048 ¹	Engine or PTO Kill Switch – Single	\$350.00 ¹
0120049 ¹	Engine or PTO Kill Switch – Double	\$420.00 ¹
0120035 ¹	Hopper Work Light – Single	\$180.00 ¹
0120036 ¹	Hopper Work Light – Double	\$210.00 ¹
0120037 ¹	Strobe Light Single on rear	\$300.00 ¹
0120504 ¹	Strobe Light Single with cage on rear	\$340.00 ¹
0120518 ¹	Strobes (2 Front and 2 Rear) <i>HAF Strobes</i> ¹	\$1,680.00 ¹
2209014 ¹	LED Back up Lights	\$395.00 ¹
0120054 ¹	LED Strobe System – (2) 4" Dia. T/G <i>Mounted on tailgate - top light bar</i> ¹	\$315.00 ¹
0120055 ¹	LED Strobe System – (4) 4" Dia. Body & T/G <i>Mounted on tailgate - top light bar and lower</i> ¹	\$470.00 ¹
0120056 ¹	LED Strobe System – (2) 4" Dia. T/G Clear <i>Mounted on tailgate - top light bar</i> ¹	\$425.00 ¹
0120642 ¹	LED Flashing System – (2) 7" Dia. T/G	\$470.00 ¹
0120635 ¹	LED Flashing System – (4) <i>Alternating flashing system. LED</i> ¹	\$700.00 ¹
0120775 ¹	Dual Work Lights Outside <i>With brush guard. Outside of hopper.</i> ¹	\$230.00 ¹
0120046 ¹	Body Side Marker (18 & 20 Yd. Bodies)	Std ¹
0120307 ¹	Amber Std. Strobe Light on Body & Tailgate	\$470.00 ¹
2201010 ¹	Center Mount Brake Light	\$230.00 ¹
0120309 ¹	Camera System – Color w/ 7" Flat Monitor	\$840.00 ¹

VEHICLE:	Excel "S" Rear Loader - 27 Yard			
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BASE PRICE:	\$51,650.00	\$51,650.00	\$51,650.00	\$51,650.00

0120557 ¹	Dual Camera System – Color w/ 7" Flat Monitor <i>* Call for second camera head placement¹</i>	\$1,200.00 ¹
0123541A ¹	DVR recorder system for camera <i>* Call for configuration and pricing.¹</i>	NA ¹
2208002 ¹	Body Polyurethane Enamel Paint - Match Cab <i>*Non metallic match to cab. ** Paint code needed. *** Single color **** Call for custom painting or stripes.¹</i>	\$2,190.00 ¹
2208001 ¹	Body Polyurethane Enamel Paint - Customer Supplied Paint Color (Code Required) <i>*Non metallic paint, single color. ** Paint code needed *** Call for custom painting or stripes.¹</i>	\$2,190.00 ¹
2208004 ¹	Metallic Upcharge for body paint <i>Add to price above for metallic paint¹</i>	\$750.00 ¹
2205037 ¹	High Pressure Filter w/ Lights and Buzzer	\$600.00 ¹
0120558 ¹	Filter Condition Alarm in Cab	\$315.00 ¹
0120369 ¹	Frame Mounted Oil Tank w/ 24" Diameter - 60 Gallon	\$420.00 ¹
0120544 ¹	One Extra Valve Section w/ Controls	\$1,200.00 ¹
0120543 ¹	Two Extra Valve Sections w/ Controls	\$1,470.00 ¹
0120561 ¹	Cordura Fabric Wrapped Hoses	\$340.00 ¹
0120562 ¹	Wire Wrapped Hoses	\$370.00 ¹
0120325 ¹	Cart Tipper Tubes – Single <i>Hydraulic tubes installed for tipper¹</i>	\$280.00 ¹
0120326 ¹	Cart Tipper Tubes – Double <i>Hydraulic tubes installed for tippers¹</i>	\$525.00 ¹
0120559 ¹	Hydraulic Pump Shutdown System	\$420.00 ¹
0130014 ¹	Pressure Gauge & Hose Assy (up to 4,000 psi)	\$180.00 ¹
0130018 ¹	Pressure Gauge & Hose Assy (up to 5,000 psi)	\$340.00 ¹
0120337 ¹	Automatic T/G Locks	\$975.00 ¹
2201031 ¹	Super Tuff Hopper <i>5/16" AR400 Hopper Floor 1/4" AR400 Hopper Sides Additional bracing under hopper¹</i>	\$700.00 ¹
0100245 ¹	1/4" GR50 Body Floor <i>Build body floor using 1/4" GR50¹</i>	\$550.00 ¹
0120332 ¹	Ejector Face sheet-0.1875" GR <i>Build ejector face using 0.1875" GR50¹</i>	\$290.00 ¹
0120058 ¹	Body Front Shield – Excel	\$220.00 ¹
2205008 ¹	Roof Tube Protector	\$315.00 ¹
0120333 ¹	Ejector Face Sheet - .25" GR50 <i>Build ejector face using 0.25" GR50¹</i>	\$450.00 ¹
0124545E ¹	Tapered Longitudinals	\$940.00 ¹
0120043 ¹	Body Floor Drain – 3"	\$280.00 ¹
2211001A ¹	Rotary Style cart tipper(s) Consult contract holder on brand, model and options <i>* Call for model and pricing¹</i>	NA ¹

VEHICLE:	Excel "S" Rear Loader - 27 Yard			
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ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$51,650.00	\$51,650.00	\$51,650.00	\$51,650.00

2211002A ¹	Cylinder Style cart tipper(s) Consult contract holder on brand, model and options <i>* Call for model and pricing¹</i>	NA ¹
2211008 ¹	Installation Customer Supplied Tipper, Single using loadmaster hydraulics	\$1,260.00 ¹
2211009 ¹	Installation Customer Supplied Tipper, Double using loadmaster hydraulics	\$2,415.00 ¹
2211010 ¹	Installation Customer Supplied Tipper, Single using diverter valve and Hand Valve	\$2,520.00 ¹
2211011 ¹	Installation Customer Supplied Tipper, Double using diverter valves and Hand Valves	\$3,060.00 ¹
0120273 ¹	8,000 LB Drum Winch	\$3,050.00 ¹
0120328 ¹	12,000 LB Drum Winch	\$3,900.00 ¹
0120269 ¹	1-2 Yd Container Sling System	\$3,050.00 ¹
01205000 ¹	2-10 Yd Roof-Mtd Cable Reeving System	\$3,900.00 ¹
0120751 ¹	2-10 ENCLOSURE SHROUD OPTION	\$270.00 ¹
0120502 ¹	1-10 Yd Container Reeving System	\$6,825.00 ¹
0120416 ¹	Clear Step Kickbar	\$3,075.00 ¹
001225E ¹	Amick - Double Dumper	\$4,450.00 ¹
001226E ¹	Amick - Double Dumper w/Chute <i>18" Hopper extension for angled for chute.¹</i>	\$5,000.00 ¹
0120409 ¹	Unilatch Coupler	\$735.00 ¹
001226E ¹	Special Unilatch to Accommodate 84" Trunnion	\$735.00 ¹
2211030 ¹	Container Bumper Bar	\$315.00 ¹
0120662 ¹	Power Release Hook Holder w/ Cable Glide	\$315.00 ¹
0120355 ¹	1/4" 150,000 P.S.I. Tailgate Sides	\$580.00 ¹
0120531 ¹	1/4" 150,000 P.S.I. Separator Sheet	\$420.00 ¹
0120528 ¹	Sweep Blade Face Liner-.25" T-1	\$420.00 ¹
0120529 ¹	Slide Blade Face Liner- .1875 T-1	\$470.00 ¹
0120356 ¹	3/16" AR T/G Side Liner	\$945.00 ¹
0120356E ¹	3/16" AR T/G Upper Hopper Floor Liner	\$420.00 ¹
0120357 ¹	3/16" AR T/G Hopper Floor Liner	\$945.00 ¹
0120358 ¹	1/4" AR T/G Hopper Floor Liner	\$1,050.00 ¹
0120240 ¹	Heavy Duty Packing Blades - Excel	\$525.00 ¹
6600004 ¹	ZLIST: 2 Inch Lowered Sill Excel	\$370.00 ¹
2205021 ¹	Excel Face Seal Option (ide & eep)	\$240.00 ¹
1200547E ¹	T/G Side Tube Protectors	\$350.00 ¹
0120799 ¹	Fire Extinguisher Mtd Under Body – 20 Lb	\$280.00 ¹
9960321 ¹	Fire Extinguisher In Cab – 20 Lb	\$250.00 ¹
9960180 ¹	Fire Extinguisher In Cab-10 Lb	\$200.00 ¹
9960125 ¹	Fire Extinguisher In Cab-5 Lb	\$125.00 ¹
0120042 ¹	Wash Out System 60 Gal.	\$1,220.00 ¹

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BASE PRICE:	\$51,650.00	\$51,650.00	\$51,650.00	\$51,650.00

0120548 ¹	Wash Out System 80 Gal	\$1,330.00 ¹
0120149 ¹	Tool Box 18" x 18" x 36"	\$335.00 ¹
0120211 ¹	Steel Splash Guards FWD of Rear Axle	\$170.00 ¹
0120211E ¹	Steel Body Side Splash Guards	\$170.00 ¹
9960124 ¹	Triangle Kit in Cab	\$85.00 ¹
0120556 ¹	Shovel & Broom Holder In Body	\$135.00 ¹
0120424 ¹	Shovel & Broom Holder Both Sides	\$135.00 ¹
0120650 ¹	Tubular Style <i>* Shovel & Broom holder both sides</i> ¹	\$190.00 ¹
0120830 ¹	Chicago Excel Style Shovel Holder Both Sides	\$190.00 ¹
0120549 ¹	Water Cooler Mounted Under Body-3 Gal.	\$335.00 ¹
2201017 ¹	Water Cooler Mounted Under Body-5 Gal.	\$360.00 ¹
9960193 ¹	Anti Sail Mud Flap Brackets – Pair	\$70.00 ¹
0120806 ¹	Anti-Sail Polymer flaps-Ahead of Rear Axle	\$170.00 ¹
2211097 ¹	SXL Remote Zerks – Sweep & Slide	\$600.00 ¹
2211098 ¹	SXL Remote Zerks – Ejector	\$525.00 ¹
2211073 ¹	Dual Clean Out Doors	\$500.00 ¹
2211073E ¹	UBV Under Body Valve	\$350.00 ¹
0013443A ¹	Any and all chassis modifications are on a case by case. Consult manufacturer for pricing. <i>* Consult for pricing and availability</i> ¹	NA ¹
2209011 ¹	5 year hydraulic Cylinder Warranty (Additional two years, Excludes Eject Cylinder) <i>An additional 2 years (5 years total)</i> ¹	\$1,785.00 ¹
2209012 ¹	2 Year Body Warranty (Additional 1 year) <i>An additional 1 year (2 years total)</i> ¹	\$1,500.00 ¹
012451A ¹	Alternative fuels systems (CNG, Propane, Store Energy, etc) Consult contract holder for pricing. <i>Consult contract holder on pricing and availability. * Chassis pricing may be increased by selecting alternative fuel.</i> ¹	NA ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LOADMASTER EXCEL "S" REAR LOADER - 31 YARD (Specification #76)</u>			
Amick Equipment Co., Inc.	2016 Loadmaster Excel "S" Rear Loader - 31 Yard	★Appalachia	\$52,175.00
Amick Equipment Co., Inc.	2016 Loadmaster Excel "S" Rear Loader - 31 Yard	★Dogwood	\$52,175.00
Amick Equipment Co., Inc.	2016 Loadmaster Excel "S" Rear Loader - 31 Yard	★Cardinal	\$52,175.00
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NORTH CAROLINA SHERIFFS' ASSOCIATION

LOADMASTER EXCEL "S" REAR LOADER - 31 YARD **SPECIFICATION #76**

2016 Loadmaster Excel "S" Rear Loader - 31 Yard

CHASSIS REQUIREMENT - BODY CAPACITY - 31 CUBIC YARDS, BODY WIDTH - 96", BODY LENGTH - 328", BODY HEIGHT ABOVE CHASSIS FRAME - 94", BODY WEIGHT - 17,200 LBS. CAB OVER: ENGINE SET AT 800 RPM IDLE, WITH SPEED UP OPTION TO 1200 RPM; ALLISON RDS TRANSMISSIONS SETUP FOR PTO AND OVERSPEED PROTECTION, KICK OUT AT 1550 RPM. (HAVE CHASSIS PROGRAMMED WITH REMOTE THROTTLE TO 1,200 RPM PRIOR TO SHIPPING TO LOADMASTER. CHASSIS MUST BE SETUP FOR FRONT MOUNT PUMP IF THAT OPTION IS CHOSEN FOR BODY); CONVENTIONAL CAB: ENGINE SET AT 800 RPM IDLE, WITH SPEED UP OPTION TO 1200 RPM; ALLISON RDS TRANSMISSIONS SETUP FOR PTO AND OVERSPEED PROTECTION, KICK OUT AT 1550 RPM. (HAVE CHASSIS PROGRAMMED WITH REMOTE THROTTLE TO 1,200 RPM PRIOR TO SHIPPING TO LOADMASTER. CHASSIS MUST BE SETUP FOR FRONT MOUNT PUMP IF THAT OPTION IS CHOSEN FOR BODY. CHASSIS MINIMUM GVWR - 62,000; FRONT AXLE: 18,000 LBS; REAR AXLE: 44,000 LBS (TANDEM); USABLE CT (CAB TO CENTER OF AXLES): 192"; AFTER FRAME: 26"

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. SPECIFICATIONS

- a. Front axle rating - 18,000
- b. Rear axle ratings - 44,000
- c. Body Width - 95 3/4"
- d. Body Length - 328"
- e. Body Height above chassis frame - 93 1/2"
- f. Hopper inside width - 75"
- g. Hopper opening height - 60"
- h. Minimum GVWR - 62,000
- i. Cab to tandem length - 192"
- j. Required After Frame - 26"

2. PACKER SPECIFICATIONS

- a. Hopper capacity - 3.7 yds
- b. Load sill below chassis frame - 4"
- c. Packer cycle time - 22 Seconds
- d. Slide Shoes - (4) Nylatron NSM ultra high strength & (4) UHMW Polyethylene rebound

3. BODY CONSTRUCTION

- a. Roof - 3/16" High Tensile

- b. Sides - 8 gauge
- c. Sweep Panel - 1/4" T-1 Alloy
- d. Sweep Panel Push Arms - 1/2" High Tensile
- e. Body Floor - 3/16" High Tensile
- f. Lower Tailgate sides - 3/16" T-1 Alloy
- g. Upper Tailgate Sides - 3/16" Hi Tensile
- h. Hopper Floor - 1/4" T-1 Alloy
 - i. Ejector Face Panel - 3/16" High Tensile
 - j. Separator Panel - 3/16" T-1 Alloy
- k. Body Longitudinals - 3" x 8" x 1/4" Boxed Channel
 - l. Ejectors Track Channel - 1/4" High Tensile
- m. Ejector Shoes - (10) Nylatron NSM Ultra High Strength

4. HYDRAULIC SYSTEM

- a. Oil reservoir - 45 Gallons
- b. Pump (PTO) - 42 GPM
- c. Operating Pressure - 3200 PSI Max
- d. Hoses - 4 to 1 burst rating
- e. Return Filter - 5 Micron premium Microglass with monitor
- f. Suction Filter - 141 micron filter in tank for suction
- g. Engine RPM - Idle to 1650 RPM

5. HYDRAULIC CYLINDER SPECIFICATIONS

- a. Tailgate Raise Cylinders - 4 3/4" Bore single acting
- b. Sweep Cylinders - 5" Bore x 3" Rod Cushioned; Hard Bushed Pinnings
- c. Slide Cylinders - 5" bore x 2 1/2" Rod Cushioned
- d. Ejector Cylinder - 4- Stage: 6 1/2", 5 1/2", 4 1/2", 3 1/2"
- e. Tailgate Mounted Valve - Parker VG35 w/ Parker Robust "EHP" Knockouts
- f. Body Mounted Valve - Parker V20

6. ELECTRICAL SPECIFICATIONS

- a. Deutsch connectors
- b. All wire color coded and function imprints
- c. Marine style rocker switches
- d. LED Lights

7. STANDARD EQUIPMENT

- a. Pack on Idle or Pack on the GO
- b. Body Access Door
- c. Smooth body sidewall design
- d. Chrome cylinder rods
- e. Side access door to hopper
- f. Nitro carbonate single hoist cylinder
- g. Site gauge on reservoir tank
- h. Tailgate ajar alarm
 - i. Back up alarm
- j. PPG Coatings
- k. LED lights
 - l. Color Coded control levers
- m. Rhino Lined undercoating and lower fenders
- n. Mudflaps on rear tires
- o. Turn Buckle Gate Latches
- p. Bolt on riding steps
- q. Ladder to body door
- r. Ladder running to body roof
- s. Hard bushed wrist pivots

8. STANDARD WARRANTIES

- a. 1 Year Body Warranty

- b. 2 year Hopper Blade Structure Warranty
- c. 3 Year cylinder warranty (excludes eject cylinder)



NORTH CAROLINA SHERIFFS' ASSOCIATION

LOADMASTER EXCEL "S" REAR LOADER - 31 YARD SPECIFICATION #76

2016 Loadmaster Excel "S" Rear Loader - 31 Yard

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0120036 ¹	Hopper Work Light – Double	\$210.00 ¹
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0120518 ¹	Strobes (2 Front and 2 Rear)	\$1,680.00 ¹
2209014 ¹	LED Back up Lights	\$395.00 ¹
0120054 ¹	LED Strobe System – (2) 4" Dia. T/G <i>Mounted on tailgate - top light bar</i> ¹	\$315.00 ¹
0120055 ¹	LED Strobe System – (4) 4" Dia. Body & T/G <i>Mounted on tailgate - top light bar and below</i> ¹	\$470.00 ¹
0120056 ¹	LED Strobe System – (2) 4" Dia. T/G Clear <i>Mounted on tailgate - top light bar</i> ¹	\$425.00 ¹
0120642 ¹	LED Flashing System – (2) 7" Dia. T/G	\$470.00 ¹
0120635 ¹	LED Flashing System – (4) <i>Alternating flashing system. LED</i> ¹	\$700.00 ¹
0120775 ¹	Dual Work Lights Outside <i>With brush guard. Outside of hopper.</i> ¹	\$230.00 ¹
0120046 ¹	Body Side Marker (18 & 20 Yd. Bodies) <i>Add if needed on a 20yd.</i> ¹	Incl. ¹
0120307 ¹	Amber Std. Strobe Light on Body & Tailgate	\$470.00 ¹
2201010 ¹	Center Mount Brake Light	\$230.00 ¹
0120309 ¹	Camera System – Color w/ 7" Flat Monitor	\$840.00 ¹

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0123541A ¹	DVR recorder system for camera <i>* Call for configuration and pricing.¹</i>	NA ¹
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0120558 ¹	Filter Condition Alarm in Cab	\$315.00 ¹
0120369 ¹	Frame Mounted Oil Tank w/ 24" Diameter - 60 Gallon	\$420.00 ¹
0120544 ¹	One Extra Valve Section w/ Controls	\$1,200.00 ¹
0120543 ¹	Two Extra Valve Sections w/ Controls	\$1,470.00 ¹
0120561 ¹	Cordura Fabric Wrapped Hoses	\$340.00 ¹
0120562 ¹	Wire Wrapped Hoses	\$370.00 ¹
0120325 ¹	Cart Tipper Tubes – Single <i>Hydraulic tubes installed for tipper¹</i>	\$280.00 ¹
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0130018 ¹	Pressure Gauge & Hose Assy (up to 5,000 psi)	\$340.00 ¹
0120337 ¹	Automatic T/G Locks	\$975.00 ¹
2201031 ¹	Super Tuff Hopper <i>5/16" AR400 Hopper Floor 1/4" AR400 Hopper Sides Additional bracing under hopper¹</i>	\$700.00 ¹
0100245 ¹	1/4" GR50 Body Floor <i>Build body floor using 1/4" GR50¹</i>	\$550.00 ¹
0120332 ¹	Ejector Face sheet-0.1875" GR <i>Build ejector face using 0.1875" GR50¹</i>	\$290.00 ¹
0120333 ¹	Ejector Face sheet- .25" GR50 <i>Build ejector face using 0.25" GR50¹</i>	\$450.00 ¹
0120043 ¹	Body Floor Drain – 3"	\$280.00 ¹
0120058 ¹	Body Front Shield – Excel	\$220.00 ¹
2205008 ¹	Roof Tube Protector	\$315.00 ¹
0124545E ¹	Tapered Longitudinals	\$940.00 ¹
2211001A ¹	Rotary Style cart tipper(s) Consult contract holder on brand, model and options <i>* Call for model and pricing¹</i>	NA ¹

VEHICLE:	Excel "S" Rear Loader - 31 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$52,175.00	\$52,175.00	\$52,175.00	\$52,175.00

2211002A ¹	Cylinder Style cart tipper(s) Consult contract holder on brand, model and options <i>* Call for model and pricing¹</i>	NA ¹
2211008 ¹	Installation Customer Supplied Tipper, Single using loadmaster hydraulics	\$1,260.00 ¹
2211009 ¹	Installation Customer Supplied Tipper, Double using loadmaster hydraulics	\$2,415.00 ¹
2211010 ¹	Installation Customer Supplied Tipper, Single using diverter valve and Hand Valve	\$2,520.00 ¹
2211011 ¹	Installation Customer Supplied Tipper, Double using diverter valves and Hand Valves	\$3,060.00 ¹
0120273 ¹	8,000 LB Drum Winch	\$3,050.00 ¹
0120328 ¹	12,000 LB Drum Winch	\$3,900.00 ¹
0120269 ¹	1-2 Yd Container Sling System	\$3,050.00 ¹
0120500 ¹	2-10 Yd Roof-Mtd Cable Reeving System	\$3,900.00 ¹
0120751 ¹	2-10 ENCLOSURE SHROUD OPTION	\$270.00 ¹
0120502 ¹	1-10 Yd Container Reeving System	\$6,825.00 ¹
0120416 ¹	Clear Step Kickbar	\$3,075.00 ¹
001225E ¹	Amick - Double Dumper	\$4,450.00 ¹
001226E ¹	Amick - Double Dumper w/Chute <i>18" Hopper extension for angled for chute.¹</i>	\$5,000.00 ¹
0120409 ¹	Unilatch Coupler	\$735.00 ¹
001226E ¹	Special Unilatch to Accommodate 84" Trunnion	\$735.00 ¹
2211030 ¹	Container Bumper Bar	\$315.00 ¹
0120662 ¹	Power Release Hook Holder w/ Cable Glide	\$315.00 ¹
0120355 ¹	1/4" 150,000 P.S.I. Tailgate Sides	\$580.00 ¹
0120531 ¹	1/4" 150,000 P.S.I. Separator Sheet	\$420.00 ¹
0120528 ¹	Sweep Blade Face Liner-.25" T-1	\$420.00 ¹
0120529 ¹	Slide Blade Face Liner- .1875 T-1	\$470.00 ¹
0120356 ¹	3/16" AR T/G Side Liner	\$945.00 ¹
0120356E ¹	3/16" AR T/G Upper Hopper Floor Liner	\$420.00 ¹
0120357 ¹	3/16" AR T/G Hopper Floor Liner	\$945.00 ¹
0120358 ¹	1/4" AR T/G Hopper Floor Liner	\$1,050.00 ¹
0120240 ¹	Heavy Duty Packing Blades - Excel	\$525.00 ¹
6600004 ¹	ZLIST: 2 Inch Lowered Sill Excel	\$370.00 ¹
2205021 ¹	Excel Face Seal Option (ide & eep)	\$240.00 ¹
1200547E ¹	T/G Side Tube Protectors	\$315.00 ¹
0120799 ¹	Fire Extinguisher Mtd Under Body – 20 Lb	\$280.00 ¹
9960321 ¹	Fire Extinguisher In Cab – 20 Lb	\$250.00 ¹
9960180 ¹	Fire Extinguisher In Cab-10 Lb	\$200.00 ¹
9960125 ¹	Fire Extinguisher In Cab-5 Lb	\$125.00 ¹
0120042 ¹	Wash Out System 60 Gal.	\$1,220.00 ¹

VEHICLE:	Excel "S" Rear Loader - 31 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$52,175.00	\$52,175.00	\$52,175.00	\$52,175.00

0120548 ¹	Wash Out System 80 Gal	\$1,330.00 ¹
0120149 ¹	Tool Box 18" x 18" x 36"	\$335.00 ¹
0120211 ¹	Steel Splash Guards FWD of Rear Axle	\$170.00 ¹
0120211E ¹	Steel Body Side Splash Guards	\$170.00 ¹
9960124 ¹	Triangle Kit in Cab	\$85.00 ¹
0120556 ¹	Shovel & Broom Holder In Body	\$135.00 ¹
0120424 ¹	Shovel & Broom Holder Both Sides	\$135.00 ¹
0120650 ¹	Tubular Style <i>* Shovel & Broom Holder Both Sides¹</i>	\$190.00 ¹
0120830 ¹	Chicago Excel Style Shovel Holder Both Sides	\$190.00 ¹
120549 ¹	Water Cooler Mounted Under Body-3 Gal.	\$335.00 ¹
2201017 ¹	Water Cooler Mounted Under Body-5 Gal.	\$360.00 ¹
9960193 ¹	Anti Sail Mud Flap Brackets – Pair	\$70.00 ¹
0120806 ¹	Anti-Sail Polymer flaps-Ahead of Rear Axle	\$170.00 ¹
2211097 ¹	SXL Remote Zerks – Sweep & Slide	\$600.00 ¹
2211098 ¹	SXL Remote Zerks – Ejector	\$525.00 ¹
2211073 ¹	Dual Clean Out Doors	\$500.00 ¹
2211073E ¹	UBV Under Body Valve	\$350.00 ¹
0013443A ¹	Any and all chassis modifications are on a case by case. Consult manufacturer for pricing. <i>* Consult for pricing and availability¹</i>	NA ¹
2209011 ¹	5 year hydraulic Cylinder Warranty (Additional two years, Excludes Eject Cylinder) <i>An additional 2 years (5 years total)¹</i>	\$1,785.00 ¹
2209012 ¹	2 Year Body Warranty (Additional 1 year) <i>An additional 1 year (2 years total)¹</i>	\$1,500.00 ¹
012451A ¹	Alternative fuels systems (CNG, Propane, Store Energy, etc) Consult contract holder for pricing. <i>Consult contract holder on pricing and availability. * Chassis pricing may be increased by selecting alternative fuel.¹</i>	NA ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LOADMASTER EXCEL "S" REAR LOADER - 33 YARD (Specification #77)</u>			
Amick Equipment Co., Inc.	2016 Loadmaster Excel "S" Rear Loader - 33 Yard	★Appalachia	\$52,975.00
Amick Equipment Co., Inc.	2016 Loadmaster Excel "S" Rear Loader - 33 Yard	★Dogwood	\$52,975.00
Amick Equipment Co., Inc.	2016 Loadmaster Excel "S" Rear Loader - 33 Yard	★Cardinal	\$52,975.00
Amick Equipment Co., Inc.	2016 Loadmaster Excel "S" Rear Loader - 33 Yard	★Longleaf Pine	\$52,975.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

LOADMASTER EXCEL "S" REAR LOADER - 33 YARD

SPECIFICATION #77

2016 Loadmaster Excel "S" Rear Loader - 33 Yard

CHASSIS REQUIREMENT - BODY CAPACITY - 33 CUBIC YARDS, BODY WIDTH - 96", BODY LENGTH - 340", BODY HEIGHT ABOVE CHASSIS FRAME - 94", BODY WEIGHT - 17,500 LBS. CAB OVER: ENGINE SET AT 800 RPM IDLE, WITH SPEED UP OPTION TO 1200 RPM; ALLISON RDS TRANSMISSIONS SETUP FOR PTO AND OVERSPEED PROTECTION, KICK OUT AT 1550 RPM. (HAVE CHASSIS PROGRAMMED WITH REMOTE THROTTLE TO 1,200 RPM PRIOR TO SHIPPING TO LOADMASTER. CHASSIS MUST BE SETUP FOR FRONT MOUNT PUMP IF THAT OPTION IS CHOSEN FOR BODY); CONVENTIONAL CAB: ENGINE SET AT 800 RPM IDLE, WITH SPEED UP OPTION TO 1200 RPM; ALLISON RDS TRANSMISSIONS SETUP FOR PTO AND OVERSPEED PROTECTION, KICK OUT AT 1550 RPM. (HAVE CHASSIS PROGRAMMED WITH REMOTE THROTTLE TO 1,200 RPM PRIOR TO SHIPPING TO LOADMASTER. CHASSIS MUST BE SETUP FOR FRONT MOUNT PUMP IF THAT OPTION IS CHOSEN FOR BODY. CHASSIS MINIMUM GVWR - 64,000; FRONT AXLE: 18,000 LBS; REAR AXLE: 46,000 LBS (TANDEM); USABLE CT (CAB TO CENTER OF AXLES): 204"; AFTER FRAME: 26"

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. SPECIFICATIONS

- a. Front axle rating - 18,000
- b. Rear axle ratings - 46,000
- c. Body Width - 95 3/4"
- d. Body Length - 340"
- e. Body Height above chassis frame - 93 1/2"
- f. Hopper inside width - 75"
- g. Hopper opening height - 60"
- h. Minimum GVWR - 64,000
- i. Cab to tandem length - 204"
- j. Required After Frame - 26"

2. PACKER SPECIFICATIONS

- a. Hopper capacity - 3.7 yds
- b. Load sill below chassis frame - 4"
- c. Packer cycle time - 22 Seconds
- d. Slide Shoes - (4) Nylatron NSM ultra high strength & (4) UHMW Polyethylene rebound

3. BODY CONSTRUCTION

- a. Roof - 3/16" High Tensile

- b. Sides - 8 gauge
- c. Sweep Panel - 1/4" T-1 Alloy
- d. Sweep Panel Push Arms - 1/2" High Tensile
- e. Body Floor - 3/16" High Tensile
- f. Lower Tailgate sides - 3/16" T-1 Alloy
- g. Upper Tailgate Sides - 3/16" Hi Tensile
- h. Hopper Floor - 1/4" T-1 Alloy
 - i. Ejector Face Panel - 3/16" High Tensile
 - j. Separator Panel - 3/16" T-1 Alloy
- k. Body Longitudinals - 3" x 8" x 1/4" Boxed Channel
 - l. Ejectors Track Channel - 1/4" High Tensile
- m. Ejector Shoes - (10) Nylatron NSM Ultra High Strength

4. HYDRAULIC SYSTEM

- a. Oil reservoir - 45 Gallons
- b. Pump (PTO) - 42 GPM
- c. Operating Pressure - 3200 PSI Max
- d. Hoses - 4 to 1 burst rating
- e. Return Filter - 5 Micron premium Microglass with monitor
- f. Suction Filter - 141 micron filter in tank for suction
- g. Engine RPM - Idle to 1650 RPM

5. HYDRAULIC CYLINDER SPECIFICATIONS

- a. Tailgate Raise Cylinders - 4 3/4" Bore single acting
- b. Sweep Cylinders - 5" Bore x 3" Rod Cushioned; Hard Bushed Pinnings
- c. Slide Cylinders - 5" bore x 2 1/2" Rod Cushioned
- d. Ejector Cylinder - 4- Stage: 6 1/2", 5 1/2", 4 1/2", 3 1/2"
- e. Tailgate Mounted Valve - Parker VG35 w/ Parker Robust "EHP" Knockouts
- f. Body Mounted Valve - Parker V20

6. ELECTRICAL SPECIFICATIONS

- a. Deutsch connectors
- b. All wire color coded and function imprints
- c. Marine style rocker switches
- d. LED Lights

7. STANDARD EQUIPMENT

- a. Hard bushed wrist pivots
- b. Ladder running to body roof
- c. Ladder to body door
- d. Bolt on riding steps
- e. Turn Buckle Gate Latches
- f. Mudflaps on rear tires
- g. Rhino Lined undercoating and lower fenders
- h. Color Coded control levers
 - i. LED lights
 - j. PPG Coatings
- k. Back up alarm
 - l. Tailgate ajar alarm
- m. Site gauge on reservoir tank
- n. Nitro carbonate single hoist cylinder
- o. Side access door to hopper
- p. Chrome cylinder rods
- q. Smooth body sidewall design
- r. Body Access Door
- s. Pack on Idle or Pack on the GO

8. STANDARD WARRANTIES

- a. 3 Year cylinder warranty (excludes eject cylinder)

- b. 2 year Hopper Blade Structure Warranty
- c. 1 Year Body Warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

LOADMASTER EXCEL "S" REAR LOADER - 33 YARD SPECIFICATION #77

2016 Loadmaster Excel "S" Rear Loader - 33 Yard

The Loadmaster Excel "S" Rear Loader - 33 Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$52,975.00	\$52,975.00	\$52,975.00	\$52,975.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Excel "S" Rear Loader - 33 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$52,975.00	\$52,975.00	\$52,975.00	\$52,975.00

Order Code	Add Options	All Zones
2210002 ¹	Air Shift w/ Pump - Manual Trans <i>Air shift to be used with manual transmissions</i> ¹	\$2,100.00 ¹
2210003 ¹	Hot Shift PTO w/ Pump Allison 3000 series trans	\$2,420.00 ¹
221005 ¹	Hot Shift PTO w/ Pump Allison 4000 series trans	\$2,420.00 ¹
0103050 ¹	Loadmaster "Front Pump" System w/ Sump Splash Control	\$2,500.00 ¹
221004 ¹	Quiet Route Pump upcharge for Front Mount Pump Setups <i>Add to front mount pricing above.</i> ¹	\$375.00 ¹
2209006 ¹	20,000lb Pusher axle with 4 rims and tires <i>* Note: This is for two Rims and two tires. One tire and rim per side. * Silent Drive</i> ¹	\$7,300.00 ¹
2209007 ¹	13,200lb Steerable Pusher axle <i>* Note: This is for two Rims and two tires. One tire and rim per side. ** Silent Drive</i> ¹	\$7,500.00 ¹
2209008 ¹	13,200lb Rigid Pusher axle <i>* Note: This is for two Rims and two tires. One tire and rim per side. ** Non steerable *** Silent Drive</i> ¹	\$7,100.00 ¹
0120048 ¹	Engine or PTO Kill Switch – Single	\$350.00 ¹
0120049 ¹	Engine or PTO Kill Switch – Double	\$420.00 ¹
0120035 ¹	Hopper Work Light – Single	\$180.00 ¹
0120036 ¹	Hopper Work Light – Double	\$210.00 ¹
0120504 ¹	Strobe Light Single on rear	\$340.00 ¹
0120504 ¹	Strobe Light Single with cage on rear	\$340.00 ¹
01205018 ¹	Strobes (2 Front and 2 Rear)	\$1,680.00 ¹
2209014 ¹	LED Back up Lights	\$395.00 ¹
0120054 ¹	LED Strobe System – (2) 4" Dia. T/G <i>Mounted on tailgate - top light bar</i> ¹	\$315.00 ¹
0120055 ¹	LED Strobe System – (4) 4" Dia. Body & T/G <i>Mounted on tailgate - top light bar and below</i> ¹	\$470.00 ¹
0120055 ¹	LED Strobe System – (2) 4" Dia. T/G Clear <i>Mounted on tailgate - top light bar</i> ¹	\$425.00 ¹
0120642 ¹	LED Flashing System – (2) 7" Dia. T/G	\$470.00 ¹
0120635 ¹	LED Flashing System – (4) <i>Alternating flashing system. LED</i> ¹	\$700.00 ¹
0120775 ¹	Dual Work Lights Outside <i>With brush guard. Outside of hopper.</i> ¹	\$230.00 ¹
0120046 ¹	Body Side Marker (18 & 20 Yd. Bodies) <i>Add if needed on a 20yd.</i> ¹	Incl. ¹
0120307 ¹	Amber Std. Strobe Light on Body & Tailgate	\$470.00 ¹
2201010 ¹	Center Mount Brake Light	\$230.00 ¹
0120309 ¹	Camera System – Color w/ 7" Flat Monitor	\$840.00 ¹

VEHICLE:	Excel "S" Rear Loader - 33 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$52,975.00	\$52,975.00	\$52,975.00	\$52,975.00

0120557 ¹	Dual Camera System – Color w/ 7" Flat Monitor <i>* Call for second camera head placement¹</i>	\$1,200.00 ¹
0123541A ¹	DVR recorder system for camera <i>* Call for configuration and pricing.¹</i>	NA ¹
2208002 ¹	Body Polyurethane Enamel Paint - Match Cab <i>*Non metallic match to cab. ** Paint code needed. *** Single color **** Call for custom painting or stripes.¹</i>	\$2,190.00 ¹
2208001 ¹	Body Polyurethane Enamel Paint - Customer Supplied Paint Color (Code Required) <i>*Non metallic paint, single color. ** Paint code needed *** Call for custom painting or stripes.¹</i>	\$2,190.00 ¹
2208004 ¹	Metallic Upcharge for body paint <i>Add to price above for metallic paint¹</i>	\$750.00 ¹
2205037 ¹	High Pressure Filter w/ Lights and Buzzer	\$600.00 ¹
0120558 ¹	Filter Condition Alarm in Cab	\$315.00 ¹
0120369 ¹	Frame Mounted Oil Tank w/ 24" Diameter - 60 Gallon	\$420.00 ¹
0120544 ¹	One Extra Valve Section w/ Controls	\$1,200.00 ¹
0120543 ¹	Two Extra Valve Sections w/ Controls	\$1,470.00 ¹
0120562 ¹	Cordura Fabric Wrapped Hoses	\$340.00 ¹
0120325 ¹	Wire Wrapped Hoses	\$280.00 ¹
0120325 ¹	Cart Tipper Tubes – Single <i>Hydraulic tubes installed for tipper¹</i>	\$280.00 ¹
0120326 ¹	Cart Tipper Tubes – Double <i>Hydraulic tubes installed for tippers¹</i>	\$525.00 ¹
0120559 ¹	Hydraulic Pump Shutdown System	\$420.00 ¹
0130014 ¹	Pressure Gauge & Hose Assy (up to 4,000 psi)	\$180.00 ¹
0130018 ¹	Pressure Gauge & Hose Assy (up to 5,000 psi)	\$340.00 ¹
0120337 ¹	Automatic T/G Locks	\$975.00 ¹
2201031 ¹	Super Tuff Hopper <i>5/16" AR400 Hopper Floor 1/4" AR400 Hopper Sides Additional bracing under hopper¹</i>	\$700.00 ¹
0100245 ¹	1/4" GR50 Body Floor <i>Build body floor using 1/4" GR50¹</i>	\$550.00 ¹
0120332 ¹	Ejector Face sheet-0.1875" GR <i>Build ejector face using 0.1875" GR50¹</i>	\$290.00 ¹
0120333 ¹	Ejector Face Sheet - .25" GR50 <i>Build ejector face using 0.25" GR50¹</i>	\$450.00 ¹
0120058 ¹	Body Front Shield – Excel	\$220.00 ¹
2205008 ¹	Roof Tube Protector	\$315.00 ¹
0124545E ¹	Tapered Longitudinals	\$940.00 ¹
0120043 ¹	Body Floor Drain – 3"	\$280.00 ¹
2211001A ¹	Rotary Style cart tipper(s) Consult contract holder on brand, model and options <i>* Call for model and pricing¹</i>	NA ¹

VEHICLE:	Excel "S" Rear Loader - 33 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$52,975.00	\$52,975.00	\$52,975.00	\$52,975.00

2211002A ¹	Cylinder Style cart tipper(s) Consult contract holder on brand, model and options <i>* Call for model and pricing¹</i>	NA ¹
2211008 ¹	Installation Customer Supplied Tipper, Single using loadmaster hydraulics	\$1,260.00 ¹
2211009 ¹	Installation Customer Supplied Tipper, Double using loadmaster hydraulics	\$2,415.00 ¹
2211010 ¹	Installation Customer Supplied Tipper, Single using diverter valve and Hand Valve	\$2,520.00 ¹
2211011 ¹	Installation Customer Supplied Tipper, Double using diverter valves and Hand Valves	\$3,060.00 ¹
0120273 ¹	8,000 LB Drum Winch	\$3,050.00 ¹
0120328 ¹	12,000 LB Drum Winch	\$3,900.00 ¹
0120269 ¹	1-2 Yd Container Sling System	\$3,050.00 ¹
0120500 ¹	2-10 Yd Roof-Mtd Cable Reeving System	\$3,900.00 ¹
0120751 ¹	2-10 ENCLOSURE SHROUD OPTION	\$270.00 ¹
0120502 ¹	1-10 Yd Container Reeving System	\$6,825.00 ¹
0120416 ¹	Clear Step Kickbar	\$3,075.00 ¹
001225E ¹	Amick - Double Dumper	\$4,450.00 ¹
001226E ¹	Amick - Double Dumper w/Chute <i>18" Hopper extension for angled for chute.¹</i>	\$5,000.00 ¹
0120409 ¹	Unilatch Coupler	\$735.00 ¹
001226E ¹	Special Unilatch to Accommodate 84" Trunnion	\$735.00 ¹
2211030 ¹	Container Bumper Bar	\$315.00 ¹
0120662 ¹	Power Release Hook Holder w/ Cable Glide	\$315.00 ¹
0120355 ¹	1/4" 150,000 P.S.I. Tailgate Sides	\$580.00 ¹
0120531 ¹	1/4" 150,000 P.S.I. Separator Sheet	\$420.00 ¹
0120528 ¹	Sweep Blade Face Liner-.25" T-1	\$420.00 ¹
0120529 ¹	Slide Blade Face Liner- .1875 T-1	\$470.00 ¹
0120356 ¹	3/16" AR T/G Side Liner	\$945.00 ¹
0120356E ¹	3/16" AR T/G Upper Hopper Floor Liner	\$420.00 ¹
0120357 ¹	3/16" AR T/G Hopper Floor Liner	\$945.00 ¹
0120358 ¹	1/4" AR T/G Hopper Floor Liner	\$1,050.00 ¹
0120240 ¹	Heavy Duty Packing Blades - Excel	\$525.00 ¹
6600004 ¹	ZLIST: 2 Inch Lowered Sill Excel	\$370.00 ¹
2205021 ¹	Excel Face Seal Option (ide & eep)	\$240.00 ¹
1200547E ¹	T/G Side Tube Protectors	\$350.00 ¹
0120799 ¹	Fire Extinguisher Mtd Under Body – 20 Lb	\$280.00 ¹
9960321 ¹	Fire Extinguisher In Cab – 20 Lb	\$250.00 ¹
9960180 ¹	Fire Extinguisher In Cab-10 Lb	\$200.00 ¹
9960125 ¹	Fire Extinguisher In Cab-5 Lb	\$125.00 ¹
0120042 ¹	Wash Out System 60 Gal.	\$1,220.00 ¹

VEHICLE:	Excel "S" Rear Loader - 33 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$52,975.00	\$52,975.00	\$52,975.00	\$52,975.00

0120548 ¹	Wash Out System 80 Gal	\$1,330.00 ¹
0120149 ¹	Tool Box 18" x 18" x 36"	\$335.00 ¹
0120211 ¹	Steel Splash Guards FWD of Rear Axle	\$170.00 ¹
0120211E ¹	Steel Body Side Splash Guards	\$170.00 ¹
9960124 ¹	Triangle Kit in Cab	\$85.00 ¹
0120556 ¹	Shovel & Broom Holder In Body	\$135.00 ¹
0120424 ¹	Shovel & Broom Holder Both Sides	\$135.00 ¹
0120650 ¹	Tubular Style <i>* Shovel & Broom Holder Both Sides¹</i>	\$190.00 ¹
0120830 ¹	Chicago Excel Style Shovel Holder Both Sides	\$190.00 ¹
0120549 ¹	Water Cooler Mounted Under Body-3 Gal.	\$335.00 ¹
2201017 ¹	Water Cooler Mounted Under Body-5 Gal.	\$360.00 ¹
9960193 ¹	Anti Sail Mud Flap Brackets – Pair	\$70.00 ¹
0120806 ¹	Anti-Sail Polymer flaps-Ahead of Rear Axle	\$170.00 ¹
2211097 ¹	SXL Remote Zerks – Sweep & Slide	\$600.00 ¹
2211098 ¹	SXL Remote Zerks – Ejector	\$525.00 ¹
2211073 ¹	Dual Clean Out Doors	\$500.00 ¹
2211073E ¹	UBV Under Body Valve	\$350.00 ¹
0013443A ¹	Any and all chassis modifications are on a case by case. Consult manufacturer for pricing. <i>* Consult for pricing and availability¹</i>	NA ¹
2209011 ¹	5 year hydraulic Cylinder Warranty (Additional two years, Excludes Eject Cylinder) <i>An additional 2 years (5 years total)¹</i>	\$1,785.00 ¹
2209012 ¹	2 Year Body Warranty (Additional 1 year) <i>An additional 1 year (2 years total)¹</i>	\$1,500.00 ¹
012451A ¹	Alternative fuels systems (CNG, Propane, Store Energy, etc) Consult contract holder for pricing. <i>Consult contract holder on pricing and availability. * Chassis pricing may be increased by selecting alternative fuel.¹</i>	NA ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>NEW WAY - 25 YARD COBRA MAGNUM REAR LOADER (Specification #89)</u>			
Amick Equipment Co., Inc.	2016 New Way Cobra Magnum - 25 Yard	★Appalachia	\$62,292.00
Amick Equipment Co., Inc.	2016 New Way Cobra Magnum - 25 Yard	★Dogwood	\$62,292.00
Amick Equipment Co., Inc.	2016 New Way Cobra Magnum - 25 Yard	★Cardinal	\$62,292.00
Amick Equipment Co., Inc.	2016 New Way Cobra Magnum - 25 Yard	★Longleaf Pine	\$62,292.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 25 YARD COBRA MAGNUM REAR LOADER **SPECIFICATION #89**

2016 New Way Cobra Magnum - 25 Yard

CHASSIS REQUIREMENT - BODY CAPACITY - 25 CUBIC YARDS, BODY WIDTH - 96", BODY LENGTH - 289", BODY HEIGHT - 99.5", RAISED TAILGATE HEIGHT - 314", INSIDE WIDTH - 87", BODY WEIGHT - 15,250 LBS. CAB OVER MUST BE FRONT MOUNT PUMP ONLY, WITH OVERSPEED PROTECTION: ENGINE - 350 HP SET AT 800RPM IDLE, 900LBS TORQUE WITH SPEED UP OPTION ALLISON - 4500 RDS TRANSMISSION WITH OVERSPEED PROTECTION. CONVENTIONAL CAB MUST BE HOT SHIFT PTO: ENGINE - 350HP SET AT 800 RPM IDLE, 900LBS TORQUE WITH SPEED UP OPTION ALLISON - 4500 RDS TRANSMISSION WITH HOT SHIFT PTO AND OVERSPEED PROTECTION. CHASSIS MINIMUM GVWR - 60,000 LBS; FRONT AXLE - 20,000 LBS; REAR AXLE - 40,000 REAR TANDEM; WHEEL BASE: USABLE CT (CAB TO AXLE CENTERLINE) - 160"; AFTER FRAME - 60"

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **MAIN BODY RAILS**

- a. 8"x3"x1/4" Structural Tube

2. **FLOOR**

- a. Front: 10GA-50K
b. Rear: 7GA-100K

3. **FLOOR BRACES**

- a. 8" Wide; 10GA-50K

4. **CENTER FLOOR BRACES**

- a. 8" Wide; 10GA-50K

5. **MOUNTING BRACKETS**

- a. Welded to main body rails; 1/2"-A36

6. **EJECTION PANEL TRACKS**

- a. 8" Formed Channel 7GA-50K
b. Wear Strips 1/2"x3-A36

7. **SIDE WALLS**

- a. 10GA-80K

8. **ROOF**

- a. Front: 10GA-80K
- b. Rear: 10GA-80K

9. REAR FRAME

- a. Formed 10"X7" Channel 7GA-A36
- b. Formed Rear Hinge Cross Beam 1/4"x3x10-50K

10. REAR FRAME LOWER SLOPE

- a. 1/4"-80K

11. REAR FRAME LOWER SLOPE SUPPORTS

- a. Formed 6"x4" Channel 7GA-50K

12. REAR SLOPE PERIMETER SUPPORT

- a. 1/4"-80K

13. TAILGATE HINGE LUGS

- a. 1/2"-A36

14. BULKHEAD

- a. Upper Bulkhead - 10GA-80K
- b. Side Bulkhead - 1/4"-50K
- c. Lower Bulkhead - 7GA-50K

15. ACCESS DOOR

- a. 30"x30"

16. BODY BOLSTERS (TRANSITIONS)

- a. Upper - 7GA-36K
- b. Lower - 12GA-36K

17. HEIGHT

- a. Body - All Models - 102.5"
- b. Overall Height with Tailgate Raised - 187"

18. BODY LENGTH

- a. 25 cubic yard body-276"

19. OVERALL LENGTH WITH TAILGATE RAISED

- a. 25 cubic yard body-314"

20. WIDTH

- a. Inside - 87"
- b. Max Outside - 96"

21. APPROXIMATE BODY WEIGHT (IN LBS)*

- a. 25 cubic yard body- 15,250 lbs

22. TROUGH (Y/N)

- a. N

23. BODY CAPACITIES

- a. 25yd3

24. TAILGATE

- a. Upper Hopper Brace - 1/4"-80K
- b. Hopper Floor - 1/4"-T1 (100K min)
- c. Hopper Braces - 1/4"-50K
- d. Tailgate Seal Height - 50"
- e. Lower Tailgate Side - 1/4"-T1 (100K min)
- f. Upper Tailgate Sides - Upper 10GA-50K
- g. Upper Tailgate Sides - Lower 7GA"-100K
- h. Slide Tracks - Formed 1/4"-50K
- i. Slide Wear Strips - 1/2"x3-A36
- j. Tailgate Side Braces - 10GA-50K
- k. Tailgate Hinge Lugs - 1"-50K

25. SLIDE

- a. Face Sheet - 7GA-T1 (min)
- b. Face Sheet Braces - 10GA-50K
- c. Lugs - 1/2"-50K
- d. Lug Center Braces - 1/4"-50K
- e. Upper Slide Shoe - Tube: 3"x5"x3/8" A500 GRD-B; SHOE: 4"x20"x1" UHMW
- f. Lower Slide Shoe - Tube: 3"x5"x3/8" A500 GRD-B; Shoe: 4"x13"x1" UHMW
- g. Upper Slide Cylinder Pins - 2-1/2" OD - 1045CD

26. SWEEP

- a. Upper Sweep Pin - 2" OD - 1144 Stressproof
- b. Lower Sweep Pin - 3" OD - 1045CD
- c. Face Plate - 1/4"-100K
- d. Lugs - 1/2"-50K
- e. Center Braces - 1/4"-A36
- f. Backing Plate - 1/4"-50K
- g. Sweep Nose - 5/8"-A36
- h. Bronze Bushings - 3" ID

27. EJECTION PANEL

- a. Base & Support Structure - Base-3"x3"x1/4" Structural Steel Tubing; 1/4"-A36 Formed & Integrated Upright Supports
- b. Upper Face Sheet - None
- c. Face Sheet - 10GA-80K
- d. Shoes - 4"x53-1/2"x1" UHMW
- e. Nose - 1/2"-A36
- f. Cylinder Supports - Integrated into upright supports
- g. Cylinder Pin - 3" OD - 1144 Stressproof

28. HYDRAULICS

- a. Tank Capacity - 50 Gallong with 100 Mesh 141 Micron Suction Strainer
- b. Pump Flow - 36 GPM @ 1,000-1,200 RPM
- c. Filter - 10 micron
- d. Hoses - 4 to 1 Burst
- e. Operating Pressure - 2,750 PSI
- f. Frame Mounted Hydraulic Tank
- g. Induction Hardened Slide Rods
- h. Induction Hardened Sweep Rods
- i. Zinc Clear Hydraulic Tubes

29. CYLINDERS

- a. Slide - (2) 5" Bore, 38.63 Stroke, 4" Rod
- b. Sweep - (2) 4-1/2" Bore, 25.63" Stroke, 3-1/2" Rod
- c. Tailgate - (2) 3-1/2" Bore, 42" Stroke, 2" Rod
- d. Ejection Panel - 20 yd-(1) 3 Stage 7-1/2" Bore of largest stage, 96.5" Stroke; 25yd-(1) 4 Stage 7 1/2" Bore of largest stage, 118" Stroke; 32 yd-(1) 4 Stage, 7-1/2" Bore at largest stage, 160" Stroke

30. CHASSIS

- a. Minimum GVWR (in lbs)** - 25 cubic yard body -64,000
- b. Recommended Cab to Trunion - 25 cubic yard body -160"

31. STEEL

- a. Body Floor 7GA 100K
- b. Hopper Floor and Back 1/4" 100k
- c. Tailgate Lower Sides 1/4" 100K
- d. Slide Face 7GA, 100K
- e. Ejection Panel Face 10GA 50K

32. ACCESSORIES

- a. Rubber Mud Flaps In Front of Rear Axles

33. WARRANTY

- a. 2-Year Cylinder Warranty
- b. 1-Year Body Warranty
- c. 1-Year Hydraulic Warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 25 YARD COBRA MAGNUM REAR LOADER SPECIFICATION #89

2016 New Way Cobra Magnum - 25 Yard

The New Way Cobra Magnum - 25 Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$62,292.00	\$62,292.00	\$62,292.00	\$62,292.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Cobra Magnum - 25 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$62,292.00	\$62,292.00	\$62,292.00	\$62,292.00

Order Code	Add Options	All Zones
	Install customer Supplied Scales	\$3,941.00
	Vulcan Scale Installed (4 point system)	\$11,073.00
	Vulcan Scale Installed (6 point system)	\$14,230.00
	Loadman Scale Installed (4 point system)	\$12,378.00
	Loadman Scale Installed (6 point system)	\$12,842.00
	Pump Only	\$1,003.00
	Manual Transmission (air assist PTO) Gear Pump (available on mounted units only) (requires additional solenoid valves for safety interlocks)	\$3,876.00
	Manual Transmission (Manual Shift PTO) Gear Pump (available on mounted units only) (requires additional solenoid valves for safety interlocks)	\$3,876.00
	Automatic Transmission (hot shift) gear Pump (available on mounted units only)	\$3,350.00
	Automatic Transmission (hot shift w/overspeed) gear Pump (available on mounted units only) <i>you may delete \$3200.00 for this option and add any other pump option back in to the price. ¹</i>	Std ¹
	Automatic Transmission (hot shift w/overspeed) gear Pump pack on the go (available on mounted units only)	\$3,724.00
	Front Mount Muncie MLS (with driveline) (available on mounted units only)	\$3,493.00
	Front Mount Muncie MLS (with driveline) pack on the go (available on mounted units only)	\$3,592.00
	Silent Drive 20,000 lb pusher axle with tires	\$10,652.00
	Silent Drive 20,000 lb pusher axle without tires	\$8,338.00
	Silent Drive 13,200 lb pusher axle with tires	\$9,257.00
	Silent Drive 13,200 lb pusher axle without tires	\$7,853.00
	Silent Drive 13,200 lb pusher axle with tires Steerabel	\$10,883.00
	9,000 lb Tulsa Winch with latch kit	\$3,055.00
	12,000 lb Tulsa Winch with latch kit	\$3,997.00
	12,000 lb Bloom Winch with Latch Kit	\$3,997.00
	12,000 lb Reeving Cylinder with latch kit	\$4,891.00
	Kick Bar With Latch Kit	\$3,572.00
	Kick Bar Without Latch Kit	\$3,046.00
	Extra valve section & handle (rear valve for future container handling option) Note: Maximum of (3) valve sections available on rear valve for options	\$615.00
	Extra valve section (front valve w/air actuator)	\$775.00
	Latch Kit/Trunion Guides/and container Stops	\$525.00
	Brace roof and cut out for drum winch for future install	\$352.00
	Lower loadsill 3"	\$183.00
	Perkins auto trunion lock	\$5,830.00

VEHICLE:	Cobra Magnum - 25 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$62,292.00	\$62,292.00	\$62,292.00	\$62,292.00

Cart Tipper - Center mounted unless noted	Incl.
Perkins Cylinder Actuated (No Other Container Lifting Devices) D6500	\$3,950.00
Perkins Cylinder Actuated (With Other Container Lifting Devices) D6500 (not compatible with Kick Bar)	\$4,527.00
Perkins Rotary Actuated (No Other Container Lifting Devices) D6220	\$5,400.00
Perkins Rotary Actuated (With Other Container Lifting Devices) D6220	\$5,826.00
Bayne Rotary Actuated (No Other Container Lifting Devices) MBTL 180	\$5,095.00
Bayne Rotary Actuated (With Other Container Lifting Devices) Revolution Series	\$5,826.00
Perkins Auto Arm Lifter (D6098) (Not Compatible With Any Other Container Lifting Devices) (2 valve sections required)(center mount)	\$7,621.00
Extra Valve Section With EXTENDED Handle (rear valve for future cart tipper installation)(extended handle not compatible on trucks with kick bar)	\$585.00
Street Side Linkage to Operate Tipper Valve Section	\$375.00
Single Tap-In-Kit (required if more than two (2) container handling/cart tipper options or left side cart tipper mount) (Street Side Linkage can be used for left side tipper if sections are available)	\$938.00
Dual Tap-In-Kit (required if dual tippers, unless street side linkage providing the sections are available)	\$1,105.00
Extend Loadsill and Latch Kit For Future Install of Cart Tipper	\$623.00
Add Hydraulic Tubing To Tailgate Side For Future Tipper Install (Per Side)	\$157.00
Notch Loadsill For Tipper With Other Lifting Devices	\$234.00
Tipper Model Required: Other Tipper Models <i>Consult factory</i> ¹	NA ¹
Halogen Mid Body Back-up Lights Includes Up to (2) Lights <i>Now LED, not halogen</i> ¹	\$434.00 ¹
Halogen Work Lights ((2)mounted inside upper tailgate shining in hopper) <i>Now LED, not halogen</i> ¹	\$329.00 ¹
Halogen Work Lights ((2)mounted outside upper tailgate shining rearward) <i>Now LED, not halogen</i> ¹	\$450.00 ¹
Strobe Light (Surface Mount)(Located Upper Tailgate Center -modify if different location)	\$295.00
Strobe Light Package (Integrated Strobe System) ((2) round lights mounted upper tailgate)	\$461.00
Strobe Light Package (Integrated Strobe System) ((2) round lights mounted lower tailgate)	\$461.00
Strobe Light Package (Integrated Strobe System) ((2) round lights mounted front of body)	\$542.00
LED Round Strobes upper tailgate(2 lights)	\$306.00
LED Round Strobes lower tailgate(2 lights)	\$396.00
LED Round Strobes at front of body (2 lights)	\$396.00
LED Oval Strobes upper tailgate (2 lights)	\$396.00
LED Oval Strobes at front of body (2 lights)	\$396.00
LED 7" Round Strobes upper tailgate (2 lights)	\$461.00
Traffic Advisor Board (not compatible with winches)	\$811.00

VEHICLE:	Cobra Magnum - 25 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$62,292.00	\$62,292.00	\$62,292.00	\$62,292.00

Center Mount Brake (I.D. Cluster)	Incl.
Upper Light Bar With 7" Stop/Tail/Turn (LED)	\$466.00
Brush Guards For Upper Light Bar	\$171.00
Wiring Circuit Including Switch For Customer Install of Lights	\$140.00
Safety Shut Down Curbside	Std
Safety Shut Down Streetside	\$151.00
Driver Alert Buzzer Curb Side	Std
Driver Alert Buzzer Street Side	\$102.00
Guard To Protect Control Handles	\$68.00
Back-up Alarm Upgrade 102db	\$75.00
Back-up Alarm Auto Volume Adjustable	\$148.00
Interlock on Front Access Door	Std
Back Up Collision Avoidance Sensor (Pre-View)	\$2,298.00
Fire Extinguisher--10lb. (standard on mounted units) - Available on mounted units only	Std
Fire Extinguisher--20lb. (upgrade from 10 lb.)- Available on mounted units only	\$94.00
Triangle Kit (standard on mounted units) - Available on mounted units only	Std
5.6" Color Flat Screen w/ Audio	Std
7.0" Color Flat Screen w/Audio	\$214.00
3rd EYE 7.0" Color Flat Screen w/Audio	\$510.00
Prime Only	Std
Acrylic Urethane Enamel White	Incl.
Acrylic Urethane Enamel Color	\$2,700.00
Clear Coat	\$2,107.00
Two Tone or Special Design (Mounted Units Only) <i>consult factory</i> ¹	NA ¹
Body Under Coating (Mounted Units Only)(applied from frame rails to edge of body and under side of hopper)	\$1,895.00
Riding Steps Coated With Black Bed Liner Material	\$180.00
Prime Inside of Body (recommended for stock units)	\$434.00
Body Floor 7GA AR400-AR450	\$861.00
Body Floor 1/4" 80K	\$470.00
Body Floor 1/4" 100K	\$730.00
Body Floor 1/4" AR400-AR450	\$1,897.00
Hopper Floor and Back 3/8" 100k	\$1,219.00
Hopper Floor 1/2" 50K with 1/4" 100K Back Liner	\$1,500.00
Hopper Liner and Back 10GA, AR200	\$945.00
Hopper Liner and Back 3/16" 100k	\$1,418.00

VEHICLE:	Cobra Magnum - 25 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$62,292.00	\$62,292.00	\$62,292.00	\$62,292.00

Hopper Liner and Back 1/4" 100k	\$1,851.00
Tailgate Lower Side Liners 7GA, 50k	\$753.00
Tailgate Lower Side Liners 7GA, 100k	\$1,291.00
Tailgate Lower Side Liners 1/4" 100k	\$1,653.00
Slide Face 1/4" 50K	\$236.00
Slide Face 1/4" 100K	\$388.00
Ejection Panel Face 7GA 80K	\$311.00
Ejection Panel Face 1/4" 50K	\$641.00
All Body Panels 10GA. 80k	Std
Rear Body Panel 7GA, 80k	\$255.00
Rear Body Panels 7GA, 80k (2 panels each side)	\$511.00
Full Body Weld Inside vs. Stitched	\$458.00
Front Bulkhead Mounted Hydraulic Tank	\$1,275.00
Electronic Filter By-Pass Indicator In Cab	\$239.00
Hydraulic Shut Down When Filter in By-Pass	\$539.00
Hour Meter on PTO	\$253.00
High Temperature Fluid Switch	\$467.00
Low Fluid Level Switch	\$462.00
In Tank Oil Heater (110 volt)	\$1,232.00
Remote Hook-Up With Quick Disconnects	\$1,330.00
Nylon Sleeves on Hoses	\$306.00
Guards To Protect Roof Hoses/Pipes	\$424.00
In Cab Air Controls For Tailgate and Eject (includes auto tailgate locks)	\$2,484.00
Auto Tailgate Locks (without in cab controls)	\$1,870.00
Quick Disconnect Pressure Port at Front Valve	Std
Quick Connect Pressure Gage	\$91.00
Auto Lube System (Up to 14 Points)	\$5,633.00
Rubber Mud Flaps Behind Rear Axles	\$171.00
Steel Mud Flaps In Front of Rear Axles	\$240.00
Shovel/Broom Rack (Location - street side tailgate)	\$185.00
Steel Tool Box 18x18x24	\$497.00
Steel Tool Box 18x18x36	\$580.00
Steel Tool Box 18x18x46	\$636.00
Steel Tool Box 24x24x48	\$671.00
Sign Brackets 3' x 5' (Pair)	\$399.00
Sign Brackets 42"x 78" (Pair)	\$492.00
Sign Brackets 60"x 72" (Pair)	\$582.00

VEHICLE:	Cobra Magnum - 25 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$62,292.00	\$62,292.00	\$62,292.00	\$62,292.00

Access Door 30"x 30"	\$220.00
Access Door Steps (ladder w/handles)	\$348.00
Extra Grab Handles (set) <i>specify locations</i> ¹	\$120.00 ¹
Container Washout Tank 35 Gallon	\$1,479.00
Container Washout Tank 50 Gallon	\$1,632.00
Water Cooler and Bracket	\$243.00
Steps Extend Length (not compatible w/kick bar)	\$404.00
Steps Extend Width (Maximum 102")	\$347.00
Tailgate Seal Extension (increases seal height)	\$469.00
Cup Holder (mounted to side of tailgate)	\$76.00
3-Year Cylinder Warranty	\$1,683.00
4-Year Cylinder Warranty	NA
5-Year Cylinder Warranty	NA
2-Year Body Warranty	\$1,214.00
3-Year Body Warranty	\$2,427.00
4-Year Body Warranty	NA
5-Year Body Warranty	NA
2-Year Hydraulic Warranty	\$1,420.00
3-Year Hydraulic Warranty (Excludes Cylinders)	\$2,127.00
4-Year Hydraulic Warranty (Excludes Cylinders)	NA
5-Year Hydraulic Warranty (Excludes Cylinders)	NA



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>NEW WAY - 27 YARD COBRA MAGNUM REAR LOADER (Specification #90)</u>			
Amick Equipment Co., Inc.	2016 New Way Cobra Magnum Rear Loader- 27 Cubic Yard	★Appalachia	\$63,173.00
Amick Equipment Co., Inc.	2016 New Way Cobra Magnum Rear Loader- 27 Cubic Yard	★Dogwood	\$63,173.00
Amick Equipment Co., Inc.	2016 New Way Cobra Magnum Rear Loader- 27 Cubic Yard	★Cardinal	\$63,173.00
Amick Equipment Co., Inc.	2016 New Way Cobra Magnum Rear Loader- 27 Cubic Yard	★Longleaf Pine	\$63,173.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 27 YARD COBRA MAGNUM REAR LOADER **SPECIFICATION #90**

2016 New Way Cobra Magnum Rear Loader- 27 Cubic Yard

CHASSIS REQUIREMENT - BODY CAPACITY - 27 CUBIC YARDS, BODY WIDTH - 96", BODY LENGTH - 289", BODY HEIGHT - 99.5", RAISED TAILGATE HEIGHT - 314", INSIDE WIDTH - 87", BODY WEIGHT - 15,250 LBS. CAB OVER MUST BE FRONT MOUNT PUMP ONLY, WITH OVERSPEED PROTECTION: ENGINE - 350 HP SET AT 800RPM IDLE, 900LBS TORQUE WITH SPEED UP OPTION ALLISON - 4500 RDS TRANSMISSION WITH OVERSPEED PROTECTION. CONVENTIONAL CAB MUST BE HOT SHIFT PTO: ENGINE - 350HP SET AT 800 RPM IDLE, 900LBS TORQUE WITH SPEED UP OPTION ALLISON - 4500 RDS TRANSMISSION WITH HOT SHIFT PTO AND OVERSPEED PROTECTION. CHASSIS MINIMUM GVWR - 60,000 LBS; FRONT AXLE - 20,000 LBS; REAR AXLE - 40,000 REAR TANDEM; WHEEL BASE: USABLE CT (CAB TO AXLE CENTERLINE) - 160"; AFTER FRAME - 60"

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **MAIN BODY RAILS**

- a. 8"x3"x1/4" Structural Tube

2. **FLOOR**

- a. Front: 10GA-50K
b. Rear: 7GA-100K

3. **FLOOR BRACES**

- a. 8" Wide; 10GA-50K

4. **CENTER FLOOR BRACES**

- a. 8" Wide; 10GA-50K

5. **MOUNTING BRACKETS**

- a. Welded to main body rails; 1/2"-A36

6. **EJECTION PANEL TRACKS**

- a. 8" Formed Channel 7GA-50K
b. Wear Strips 1/2"x3-A36

7. **SIDE WALLS**

- a. 10GA-80K

8. **ROOF**

- a. Front: 10GA-80K
- b. Rear: 10GA-80K

9. REAR FRAME

- a. Formed 10"X7" Channel 7GA-A36
- b. Formed Rear Hinge Cross Beam 1/4"x3x10-50K

10. REAR FRAME LOWER SLOPE

- a. 1/4"-80K

11. REAR FRAME LOWER SLOPE SUPPORTS

- a. Formed 6"x4" Channel 7GA-50K

12. REAR SLOPE PERIMETER SUPPORT

- a. 1/4"-80K

13. TAILGATE HINGE LUGS

- a. 1/2"-A36

14. BULKHEAD

- a. Upper Bulkhead - 10GA-80K
- b. Side Bulkhead - 1/4"-50K
- c. Lower Bulkhead - 7GA-50K

15. ACCESS DOOR

- a. 30"x30"

16. BODY BOLSTERS (TRANSITIONS)

- a. Upper - 7GA-36K
- b. Lower - 12GA-36K

17. HEIGHT

- a. Body - All Models - 102.5"
- b. Overall Height with Tailgate Raised - 187"

18. BODY LENGTH

- a. 25 cubic yard body-276"

19. OVERALL LENGTH WITH TAILGATE RAISED

- a. 25 cubic yard body-314"

20. WIDTH

- a. Inside - 87"
- b. Max Outside - 96"

21. APPROXIMATE BODY WEIGHT (IN LBS)*

- a. 27 cubic yard body- 15,250 lbs

22. TROUGH (Y/N)

- a. N

23. BODY CAPACITIES

- a. 25yd3

24. TAILGATE

- a. Upper Hopper Brace - 1/4"-80K
- b. Hopper Floor - 1/4"-T1 (100K min)
- c. Hopper Braces - 1/4"-50K
- d. Tailgate Seal Height - 50"
- e. Lower Tailgate Side - 1/4"-T1 (100K min)
- f. Upper Tailgate Sides - Upper 10GA-50K
- g. Upper Tailgate Sides - Lower 7GA"-100K
- h. Slide Tracks - Formed 1/4"-50K
- i. Slide Wear Strips - 1/2"x3-A36
- j. Tailgate Side Braces - 10GA-50K
- k. Tailgate Hinge Lugs - 1"-50K

25. SLIDE

- a. Face Sheet - 7GA-T1 (min)
- b. Face Sheet Braces - 10GA-50K
- c. Lugs - 1/2"-50K
- d. Lug Center Braces - 1/4"-50K
- e. Upper Slide Shoe - Tube: 3"x5"x3/8" A500 GRD-B; SHOE: 4"x20"x1" UHMW
- f. Lower Slide Shoe - Tube: 3"x5"x3/8" A500 GRD-B; Shoe: 4"x13"x1" UHMW
- g. Upper Slide Cylinder Pins - 2-1/2" OD - 1045CD

26. SWEEP

- a. Upper Sweep Pin - 2" OD - 1144 Stressproof
- b. Lower Sweep Pin - 3" OD - 1045CD
- c. Face Plate - 1/4"-100K
- d. Lugs - 1/2"-50K
- e. Center Braces - 1/4"-A36
- f. Backing Plate - 1/4"-50K
- g. Sweep Nose - 5/8"-A36
- h. Bronze Bushings - 3" ID

27. EJECTION PANEL

- a. Base & Support Structure - Base-3"x3"x1/4" Structural Steel Tubing; 1/4"-A36 Formed & Integrated Upright Supports
- b. Upper Face Sheet - None
- c. Face Sheet - 10GA-80K
- d. Shoes - 4"x53-1/2"x1" UHMW
- e. Nose - 1/2"-A36
- f. Cylinder Supports - Integrated into upright supports
- g. Cylinder Pin - 3" OD - 1144 Stressproof

28. HYDRAULICS

- a. Tank Capacity - 50 Gallong with 100 Mesh 141 Micron Suction Strainer
- b. Pump Flow - 36 GPM @ 1,000-1,200 RPM
- c. Filter - 10 micron
- d. Hoses - 4 to 1 Burst
- e. Operating Pressure - 2,750 PSI
- f. Frame Mounted Hydraulic Tank
- g. Induction Hardened Slide Rods
- h. Induction Hardened Sweep Rods
- i. Zinc Clear Hydraulic Tubes

29. CYLINDERS

- a. Slide - (2) 5" Bore, 38.63 Stroke, 4" Rod
- b. Sweep - (2) 4-1/2" Bore, 25.63" Stroke, 3-1/2" Rod
- c. Tailgate - (2) 3-1/2" Bore, 42" Stroke, 2" Rod
- d. Ejection Panel - 20 yd-(1) 3 Stage 7-1/2" Bore of largest stage, 96.5" Stroke; 25yd-(1) 4 Stage 7 1/2" Bore of largest stage, 118" Stroke; 32 yd-(1) 4 Stage, 7-1/2" Bore at largest stage, 160" Stroke

30. CHASSIS

- a. Minimum GVWR (in lbs)** - 25 cubic yard body -64,000
- b. Recommended Cab to Trunion - 25 cubic yard body -160"

31. STEEL

- a. Body Floor 7GA 100K
- b. Hopper Floor and Back 1/4" 100k
- c. Tailgate Lower Sides 1/4" 100K
- d. Slide Face 7GA, 100K
- e. Ejection Panel Face 10GA 50K

32. ACCESSORIES

- a. Rubber Mud Flaps In Front of Rear Axles

33. WARRANTY

- a. 2-Year Cylinder Warranty
- b. 1-Year Body Warranty
- c. 1-Year Hydraulic Warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 27 YARD COBRA MAGNUM REAR LOADER SPECIFICATION #90

2016 New Way Cobra Magnum Rear Loader- 27 Cubic Yard

The New Way Cobra Magnum Rear Loader- 27 Cubic Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$63,173.00	\$63,173.00	\$63,173.00	\$63,173.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Cobra Magnum Rear Loader- 27 Cubic Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$63,173.00	\$63,173.00	\$63,173.00	\$63,173.00

Order Code	Add Options	All Zones
	Vulcan Scale Installed (6 point system)	\$14,230.00
	Vulcan Scale Installed (4 point system)	\$11,073.00
	Install customer Supplied Scales	\$3,941.00
	Loadman Scale Installed (4 point system)	\$12,378.00
	Loadman Scale Installed (6 point system)	\$12,842.00
	Manual Transmission (Manual Shift PTO) Gear Pump (available on mounted units only) (requires additional solenoid valves for safety interlocks)	\$3,876.00
	Manual Transmission (air assist PTO) Gear Pump (available on mounted units only) (requires additional solenoid valves for safety interlocks)	\$3,876.00
	Pump Only	\$1,003.00
	Automatic Transmission (hot shift) gear Pump (available on mounted units only)	\$3,350.00
	Automatic Transmission (hot shift w/overspeed) gear Pump (available on mounted units only) <i>delete \$3200.00 for this option and add any other pump option back in to the price. ¹</i>	Std ¹
	Automatic Transmission (hot shift w/overspeed) gear Pump pack on the go (available on mounted units only)	\$3,724.00
	Front Mount Muncie MLS (with driveline) (available on mounted units only)	\$3,493.00
	Front Mount Muncie MLS (with driveline) pack on the go (available on mounted units only)	\$3,592.00
	Silent Drive 13,200 lb pusher axle with tires	\$9,257.00
	Silent Drive 20,000 lb pusher axle without tires	\$8,338.00
	Silent Drive 20,000 lb pusher axle with tires	\$10,652.00
	Silent Drive 13,200 lb pusher axle without tires	\$7,853.00
	Silent Drive 13,200 lb pusher axle with tires Steerabel	\$10,883.00
	12,000 lb Bloom Winch with Latch Kit	\$3,997.00
	12,000 lb Tulsa Winch with latch kit	\$3,997.00
	9,000 lb Tulsa Winch with latch kit	\$3,055.00
	12,000 lb Reeving Cylinder with latch kit	\$4,891.00
	Kick Bar With Latch Kit	\$3,572.00
	Kick Bar Without Latch Kit	\$3,046.00
	Extra valve section & handle (rear valve for future container handling option) Note: Maximum of (3) valve sections available on rear valve for options	\$615.00
	Extra valve section (front valve w/air actuator)	\$775.00
	Latch Kit/Trunion Guides/and container Stops	\$525.00
	Brace roof and cut out for drum winch for future install	\$352.00
	Lower loadsill 3"	\$183.00
	Perkins auto trunion lock	\$5,830.00

VEHICLE:	Cobra Magnum Rear Loader- 27 Cubic Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$63,173.00	\$63,173.00	\$63,173.00	\$63,173.00

Cart Tipper - Center mounted unless noted	Std
Perkins Cylinder Actuated (No Other Container Lifting Devices) D6500	\$3,950.00
Perkins Cylinder Actuated (With Other Container Lifting Devices) D6500 (not compatible with Kick Bar)	\$4,527.00
Perkins Rotary Actuated (No Other Container Lifting Devices) D6220	\$5,400.00
Perkins Rotary Actuated (With Other Container Lifting Devices) D6220	\$5,826.00
Bayne Rotary Actuated (No Other Container Lifting Devices) MBTL 180	\$5,095.00
Bayne Rotary Actuated (With Other Container Lifting Devices) Revolution Series	\$5,826.00
Perkins Auto Arm Lifter (D6098) (Not Compatible With Any Other Container Lifting Devices) (2 valve sections required)(center mount)	\$7,621.00
Extra Valve Section With EXTENDED Handle (rear valve for future cart tipper installation)(extended handle not compatible on trucks with kick bar)	\$585.00
Street Side Linkage to Operate Tipper Valve Section	\$375.00
Single Tap-In-Kit (required if more than two (2) container handling/cart tipper options or left side cart tipper mount) (Street Side Linkage can be used for left side tipper if sections are available)	\$938.00
Dual Tap-In-Kit (required if dual tippers, unless street side linkage providing the sections are available)	\$1,105.00
Extend Loadsill and Latch Kit For Future Install of Cart Tipper	\$623.00
Add Hydraulic Tubing To Tailgate Side For Future Tipper Install (Per Side)	\$157.00
Notch Loadsill For Tipper With Other Lifting Devices	\$234.00
Tipper Model Required: Other Tipper Models <i>consult factory</i> ¹	NA ¹
Halogen Mid Body Back-up Lights Includes Up to (2) Lights <i>Now LED, Not Halogen</i> ¹	\$434.00 ¹
Halogen Work Lights ((2)mounted inside upper tailgate shining in hopper) <i>Now LED, Not Halogen</i> ¹	\$329.00 ¹
Halogen Work Lights ((2)mounted outside upper tailgate shining rearward) <i>Now LED, Not Halogen</i> ¹	\$450.00 ¹
Strobe Light (Surface Mount)(Located Upper Tailgate Center -modify if different location)	\$295.00
Strobe Light Package (Integrated Strobe System) ((2) round lights mounted upper tailgate)	\$461.00
Strobe Light Package (Integrated Strobe System) ((2) round lights mounted lower tailgate)	\$461.00
Strobe Light Package (Integrated Strobe System) ((2) round lights mounted front of body)	\$542.00
LED Round Strobes upper tailgate(2 lights)	\$306.00
LED Round Strobes lower tailgate(2 lights)	\$396.00
LED Round Strobes at front of body (2 lights)	\$396.00
LED Oval Strobes upper tailgate (2 lights)	\$396.00
LED Oval Strobes at front of body (2 lights)	\$396.00
LED 7" Round Strobes upper tailgate (2 lights)	\$461.00
Traffic Advisor Board (not compatible with winches)	\$811.00

VEHICLE:	Cobra Magnum Rear Loader- 27 Cubic Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$63,173.00	\$63,173.00	\$63,173.00	\$63,173.00

Center Mount Brake (I.D. Cluster)	Std
Upper Light Bar With 7" Stop/Tail/Turn (LED)	\$466.00
Brush Guards For Upper Light Bar	\$171.00
Wiring Circuit Including Switch For Customer Install of Lights	\$140.00
Safety Shut Down Curbside	Std
Safety Shut Down Streetside	\$151.00
Driver Alert Buzzer Curb Side	Std
Driver Alert Buzzer Street Side	\$102.00
Guard To Protect Control Handles	\$68.00
Back-up Alarm Upgrade 102db	\$75.00
Back-up Alarm Auto Volume Adjustable	\$148.00
Interlock on Front Access Door	Std
Back Up Collision Avoidance Sensor (Pre-View)	\$2,298.00
Fire Extinguisher--10lb. (standard on mounted units) - Available on mounted units only	Std
Fire Extinguisher--20lb. (upgrade from 10 lb.)- Available on mounted units only	\$94.00
Triangle Kit (standard on mounted units) - Available on mounted units only	Std
5.6" Color Flat Screen w/ Audio	Std
7.0" Color Flat Screen w/Audio	\$214.00
3rd EYE 7.0" Color Flat Screen w/Audio	\$510.00
Prime Only	Std
Acrylic Urethane Enamel White	Incl.
Acrylic Urethane Enamel Color	\$2,700.00
Clear Coat	\$2,107.00
Two Tone or Special Design (Mounted Units Only) <i>consult factory for quote</i> ¹	NA ¹
Body Under Coating (Mounted Units Only)(applied from frame rails to edge of body and under side of hopper)	\$1,895.00
Riding Steps Coated With Black Bed Liner Material	\$180.00
Prime Inside of Body (recommended for stock units)	\$434.00
Body Floor 7GA AR400-AR450	\$861.00
Body Floor 1/4" 80K	\$470.00
Body Floor 1/4" 100K	\$730.00
Body Floor 1/4" AR400-AR450	\$1,897.00
Hopper Floor and Back 3/8" 100k	\$1,219.00
Hopper Floor 1/2" 50K with 1/4" 100K Back Liner	\$1,500.00
Hopper Liner and Back 10GA, AR200	\$945.00
Hopper Liner and Back 3/16" 100k	\$1,418.00

VEHICLE:	Cobra Magnum Rear Loader- 27 Cubic Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$63,173.00	\$63,173.00	\$63,173.00	\$63,173.00

Hopper Liner and Back 1/4" 100k	\$1,851.00
Tailgate Lower Side Liners 7GA, 50k	\$753.00
Tailgate Lower Side Liners 7GA, 100k	\$1,291.00
Tailgate Lower Side Liners 1/4" 100k	\$1,653.00
Slide Face 1/4" 50K	\$236.00
Slide Face 1/4" 100K	\$388.00
Ejection Panel Face 7GA 80K	\$311.00
Ejection Panel Face 1/4" 50K	\$641.00
All Body Panels 10GA. 80k	Std
Rear Body Panel 7GA, 80k	\$255.00
Rear Body Panels 7GA, 80k (2 panels each side)	\$511.00
Full Body Weld Inside vs. Stitched	\$458.00
Front Bulkhead Mounted Hydraulic Tank	\$1,275.00
Electronic Filter By-Pass Indicator In Cab	\$239.00
Hydraulic Shut Down When Filter in By-Pass	\$539.00
Hour Meter on PTO	\$253.00
High Temperature Fluid Switch	\$467.00
Low Fluid Level Switch	\$462.00
In Tank Oil Heater (110 volt)	\$1,232.00
Remote Hook-Up With Quick Disconnects	\$1,330.00
Nylon Sleeves on Hoses	\$306.00
Guards To Protect Roof Hoses/Pipes	\$424.00
In Cab Air Controls For Tailgate and Eject (includes auto tailgate locks)	\$2,484.00
Auto Tailgate Locks (without in cab controls)	\$1,870.00
Quick Disconnect Pressure Port at Front Valve	Std
Quick Connect Pressure Gage	\$91.00
Auto Lube System (Up to 14 Points)	\$5,633.00
Rubber Mud Flaps Behind Rear Axles	\$171.00
Steel Mud Flaps In Front of Rear Axles	\$240.00
Shovel/Broom Rack (Location - street side tailgate)	\$185.00
Steel Tool Box 18x18x24	\$497.00
Steel Tool Box 18x18x36	\$580.00
Steel Tool Box 18x18x46	\$636.00
Steel Tool Box 24x24x48	\$677.00
Sign Brackets 3' x 5' (Pair)	\$399.00
Sign Brackets 42"x 78" (Pair)	\$492.00
Sign Brackets 60"x 72" (Pair)	\$582.00

VEHICLE:	Cobra Magnum Rear Loader- 27 Cubic Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$63,173.00	\$63,173.00	\$63,173.00	\$63,173.00

Access Door 30"x 30"	\$220.00
Access Door Steps (ladder w/handles)	\$348.00
Extra Grab Handles (set)	\$120.00
Container Washout Tank 35 Gallon	\$1,479.00
Container Washout Tank 50 Gallon	\$1,632.00
Water Cooler and Bracket	\$243.00
Steps Extend Length (not compatible w/kick bar)	\$404.00
Steps Extend Width (Maximum 102")	\$347.00
Tailgate Seal Extension (increases seal height)	\$469.00
Cup Holder (mounted to side of tailgate)	\$76.00
3-Year Cylinder Warranty	\$1,683.00
4-Year Cylinder Warranty	NA
5-Year Cylinder Warranty	NA
2-Year Body Warranty	\$1,214.00
3-Year Body Warranty	\$2,427.00
4-Year Body Warranty	NA
5-Year Body Warranty	NA
2-Year Hydraulic Warranty	\$1,420.00
3-Year Hydraulic Warranty (Excludes Cylinders)	\$2,127.00
4-Year Hydraulic Warranty (Excludes Cylinders)	NA
5-Year Hydraulic Warranty (Excludes Cylinders)	NA



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>NEW WAY MAMMOTH FRONT LOADER - 40 YARD (Specification #91)</u>			
Amick Equipment Co., Inc.	2016 New Way Mammoth Front Loader - 40 Yard	★Appalachia	\$84,936.00
Amick Equipment Co., Inc.	2016 New Way Mammoth Front Loader - 40 Yard	★Dogwood	\$84,936.00
Amick Equipment Co., Inc.	2016 New Way Mammoth Front Loader - 40 Yard	★Cardinal	\$84,936.00
Amick Equipment Co., Inc.	2016 New Way Mammoth Front Loader - 40 Yard	★Longleaf Pine	\$84,936.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY MAMMOTH FRONT LOADER - 40 YARD **SPECIFICATION #91**

2016 New Way Mammoth Front Loader - 40 Yard

NEW WAY Mammoth Front Loader CHASSIS SPECS - BODY CAPACITY: 40 CUBIC YARDS, BODY WIDTH: 75", BODY LENGTH: 457", BODY HEIGHT: 110.75", CAB OVER MUST BE FRONT MOUNT PUMP, WITH OVERSPEED PROTECTION- ENGINE: 350 HP SET AT 1,000 lb torque at IDLE; ALLISON: 4500 RDS TRANSMISSION WITH OVERSPEED PROTECTION; CHASSIS GVWR: 64,000 LBS MINIMUM; FRONT AXLE: 20,000 LBS, REAR AXLE: 44,000 LBS rear tandem; wheel base: 208"-210"; AFTER FRAME: 76"

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY DIMENSIONS

- a. Length - 457"
- b. Height - 110.75"
- c. Wheel Base - 208"-210"
- d. Body weight - 16,650 pounds

2. BODY CONSTRUCTION

- a. Body Sides - 1/8" AR450 formed to a radius for extra strength
- b. Body Roof - 10 Gauge, 80,000 PSI yield steel
- c. Body Floor - 1/8" AR450 curved
- d. Flood Longitudinal - 2"x6"x1/4" structural tube

3. HOPPER

- a. Capacity - 12 yards
- b. Floor - 3/16" AR450 steel formed to a radius
- c. Sides - 3/16" AR450 steel formed to a radius. No straight sides
- d. Front - Enclosed with expanded metal for viewing behind the packer and to prevent trash from blowing out
- e. Wear Strips - Hopper is lined with 6 each 1/4" wear strips, AR450 to match the wear strips on the packer panel. Plow steel wear strips are not acceptable.
- f. Sliding Cover - Hydraulic sliding cover constructed of 14 gauge A569 steel and reinforced with 1"x2" tube
- g. Hopper Cover - Powered by 1 Hydraulic double acting cylinder, 2.5" x 92" shall open automatically when raising the lift arms.
- h. Switch - SPDT single pull, double throw, electrical switch in the cab to manually close the hopper cover.
- i. Access - Sliding side access door with PTO interlock and shall be a minimum of 30"x30"

4. PACKING MECHANISM

- a. Face Panel - Packer face panel shall be constructed of 3/16" AR450 Steel
- b. Tracks - Packing panel shall slide in a track constructed of 1/4" formed channel and lined on all 3 sides with AR450 wear strips

- c. Activation - Packer panel shall be activated by (2) 6.5"x182" stroke, 4 stage telescopic hydraulic cylinders with U-cup seal design
- d. Cycle - Pack cycle shall be 25 to 27 seconds
- e. Panel Dimensions - Packing panel shall be 79" high x 84" wide
- f. Force - Packing panel shall exert a minimum of 133,000 lbs of packing force throughout the pack cycle

5. TAILGATE

- a. Type - Tailgate shall be top hinged and of bustle type
- b. Bubble - Tailgate bubble shall be constructed of 1/8" AR450 steel
- c. Sides - Tailgate side sheets shall be constructed of 10 gauge 80,000 PSI high tensile steel
- d. Hinges - Tailgate shall be secured to the body using (2) sets of hinges with 1.5" hinge pins at the roof line
- e. Activation - Tailgate shall be unlocked, opened and closed by (2) 3"x25.5" double acting hydraulic cylinders with restrictors to prevent precipitous descent in case of a hydraulic line rupture
- f. Locks - Tailgate shall have a 4 point positive lock system without the need for turnbuckles.
- g. Gasket - Tailgate shall be equipped with a 1 piece-replaceable rubber gasket, extending across the bottom width of the tailgate and vertically up the sides 36"
- h. Alarm - A warning icon on the in-cab display and buzzer shall be installed in the cab to indicate when the tailgate is open.

6. LIFTING ARMS

- a. Arms - Arms shall be of fabricated tube design. Comprised of 3"x3/8" 100,000 psi steel, upper and lower continuous flat bar. (multiple piece welded flat bar is unacceptable) the arms shall be covered with 3/16" AR450 steel side plates
- b. Capacity - Arms shall have an 8,000 lbs. lift capacity
- c. Proportional Control - The arm shall provide a progressive slow stop before coming into contact with the rubber arm stops by use of the proportional control valve. (internal cushioning of the arm cylinders is not acceptable)
- d. Cycle - The load arm cycle time shall not be more than 12-13 seconds
- e. Lift Cylinders - The lift arm cylinders shall be powered by (2) 4.5"x45.25" double acting cylinders with 2" rods
- f. Arm Pivot - The arm pivot shaft shall be constructed of 4.5" OD x 1/2" wall DOM tubing
- g. Bushings - The pivot bushings shall have at least 4 split type bronze bushings to prevent wear
- h. Fork Construction - The forks shall be constructed of 1.25" 100,000 PSI sheet steel 48.75" long from bump stop to tip and tapered at the end
- i. Fork Height - The forks at dump position shall not exceed 13'6" above the ground
- j. Fork Rotation - The fork rotation shall be accomplished by (2) 3.5" double acting cylinders, 24" stroke, with a minimum 1.5" rod
- k. Fork Pivot - The fork pivot shaft shall be constructed 4.5" OD x 1/2" wall DOM tube
- l. Fork Bushings - The fork bushings shall be of split bronze type bolted to the arms with (4) 3/4" grade 5 bolts on each side
- m. Scuff Plates - There shall be UHMW arm scuff plates mounted to the upper hopper sides

7. CONTROLS

- a. Compactor Controls - All compactor operation controls are to be located in the truck cab and mounted for operator convenience and comfort
- b. Warning Signals - Warning signals shall be incorporated into all circuits monitoring abnormal compactor operations
- c. Control Type - All controls must utilize J1939 Can-Bus protocol to interface with the chassis and also controllers located throughout the bodies electrical system
- d. SPDT Switches - The packer, hopper cover, and rear door operation shall be controlled by SPDT electrical switches
- e. Rear Door Safety - The rear door shall not operate without depressing a safety switch in conjunction with the tailgate rocker switch to prevent accidental opening of the rear door
- f. Arm Control - The arm control shall have an interlock to prevent dumping behind the packer panel
- g. Cab Display - An in cab display with diagnostics must be standard in the cab for convenience of trouble shooting and also operator warning message and lights
- h. Proximity Switches - Proximity switches shall be used throughout the body, No exceptions

8. HYDRAULICS

- a. Reservoir - The hydraulic reservoir shall be supplied with a minimum capacity of 70 gallons and equipped with a fluid site gauge, temperature indicator, air breather filter, magnetic trap, and a gate valve on the suction line
- b. Strainer - The reservoir shall have a 100 micron suction strainer and equipped with a built in 3PSI bypass for pump protection
- c. Pump - The body shall be powered by a front mount Denison Vane Pump
- d. Hydraulic Functions - All hydraulic functions shall be controlled by an electric operated PVG32/100 hydraulic valve

- or equivalent
- e. Hydraulic Hoses - All hydraulic hoses shall be SAE approved construction with hose burst pressure (4) times working pressure and have protective coverings
- f. Steel Tubing - Where possible, seamless steel tubing with zinc clear coating shall be used and held in place with shock absorbing bolt on clamps
- g. Hose Ends - All hose ends, tubing and adapters shall have JIC 37 degree flare fittings
- h. Operating Pressure - Normal maximum operating pressure shall not exceed 2450 PSI
- i. Relief Valve - The hydraulic system shall incorporate a relief valve to protect all components from excess pressures
- j. Chrome Rods - All cylinder rods shall be chrome plated
- k. Auto Packer - The hydraulic system shall include automatic pack functions to allow continuous pack cycle
- l. Panel Extend - The packer panel in extend or retract mode shall automatically accelerate at 1450-1550 rpm when truck is in neutral
- m. Autopack Function - The auto-pack function shall include a pack start button and a neutral safety to disable automatic acceleration if the transmission is in gear. PTO kill proximity switch provided on the hopper access door

9. ELECTRICAL

- a. Loom - All wiring shall be loomed or in conduit
- b. LED - The body shall be equipped with approved LED clearance, warning, tail, license, stop and turn signals in compliance with the national safety standards
- c. Light Mounts - All clearance, back-up, and directional lights shall be shock mounted in rubber grommets
- d. Back-up Alarm - The body shall be equipped with an external audio back-up alarm activated when the chassis is in reverse
- e. Tailgate Alarm - An icon on the in-cab display screen shall illuminate when the tailgate is open and audible alarm will sound when the tailgate is open
- f. Camera - A camera system shall be installed with a monitor for viewing the rear of the body and for safety when truck is in reverse. System will include a 5.6" LCD color monitor with (1) reverse camera and (1) camera in the hopper area

10. PAINT

- a. Prep - The body shall be properly cleaned of all dirt, oil and welding slag. a gray lead-free Epoxy primer with rust inhibitors shall be applied
- b. Type - Dupont Imron Elite shall be applied as a top coat. Specify paint code: _____ Specify paint color: _____

11. MOUNTING

- a. Body shall be mounted in accordance to industry standards
- b. No welding shall be performed on the chassis frame in the mounting process

12. WARRANTY

- a. Body - Manufacturer's limited warranty shall apply for a period of (1) year after date of acceptance of the unit
- b. Cylinders - 2 years

13. STANDARD FEATURES

- a. Standard mount
- b. Denison long life vane pump
- c. All LED body lights
- d. Center mount brake (ID cluster)
- e. 10 lb fire extinguisher
- f. Triangle kit
- g. Dual 5.6" camera flat screen color
- h. Acrylic urethane enamel paint, white
- i. Body roof 7 ga 50k
- j. body sides 3/16" AR 235 curved
- k. Body floor 3/16" AR 235 curved
- l. Hopper sides lower, 3/16" AR400
- m. Hopper floor 1/4" AR400
- n. Tailgate bubble 10 Ga AR400
- o. Packer Panel lower face 1/4" AR235
- p. Packer Panel sloped face 1/4" AR235
- q. Steel canopy

- r. Visual filter by-pass indicator on filter housing
- s. Steel oil tank
- t. Zinc plated tubes
- u. Quick disconnect port for pressure gauge
- v. Single handle quad air control joystick
- w. 8000 lb lift rating
- x. 1.25" thick fork, 100,000 psi with hook (44-9/16" bumper to hook)
- y. Sliding access door (fiber glass)
- a'. Hopper opening 83"x83"
- aa. 2 year cylinder warranty
- ab. 1 year body warranty
- ac. 1 year hydraulic warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY MAMMOTH FRONT LOADER - 40 YARD SPECIFICATION #91

2016 New Way Mammoth Front Loader - 40 Yard

The New Way Mammoth Front Loader - 40 Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$84,936.00	\$84,936.00	\$84,936.00	\$84,936.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Mammoth Front Loader - 40 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$84,936.00	\$84,936.00	\$84,936.00	\$84,936.00

Order Code	Add Options	All Zones
	Service Hoist	\$2,760.00
	Install customer supplied scales (consult dealer rep)	\$4,148.00
	Brackets for customer supplied scales (consult dealer rep)	\$2,024.00
	Vulcan Scale system Installed (6 point)	\$14,230.00
	Loadman Scale System installed (6 point)	\$13,483.00
	Install customer supplied fork scales	\$3,408.00
	Fork Scales	\$13,300.00
	Printer option for scales	\$1,683.00
	Front mount muncie MLS gear pump	\$222.00
	PTO mount commercial gear pump	\$1,887.00
	20,000 lb pusher axle with tires	\$10,652.00
	20,000 lb pusher axle without tires	\$8,337.00
	13,200 lb pusher axle with tires	\$9,257.00
	13,200 lb pusher axle without tires	\$7,853.00
	13,200 lb tag axle with tires	\$10,022.00
	13,200 lb tag axle without tires	\$8,617.00
	13,200 lb Steerable tag axle with tires	\$11,062.00
	LED mid body back-up lights (2 included)	\$434.00
	LED back-up lights on tailgate (2) lights	\$486.00
	Strobe light (surface Mount) center tailgate.	\$332.00
	Strobe light package (integrated strobe system (2)round lights mounted lower tailgate.	\$543.00
	Strobe light package (integrated strobe system (2)round lights mounted upper tailgate.	\$461.00
	LED round strobes upper tailgate (2)	\$397.00
	LED oval strobes lower tailgate (2)	\$397.00
	LED oval strobes lower tailgate (2)	\$397.00
	Upper light bar with 2 stop/tail & 2 turn	\$459.00
	Traffic advisory board (mounted mid tailgate)	\$811.00
	Wiring circuit including switch for customer install of lights	\$160.00
	Brush guard for upper tailgate light bar	\$171.00
	Other light packages are non-standard options <i>consult factory</i> ¹	NA ¹
	Back-up alarm upgrade 102db	\$76.00
	Back-up alarm auto volumn adjustable	\$148.00
	Over height warning buzzer (arms above cab)	\$500.00

VEHICLE:	Mammoth Front Loader - 40 Yard			
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Back-up collision avoidance sensor (pre view brand)	\$2,298.00
Fire extinguisher upgrade 20 lb	\$94.00
Transition at top of roof from ladder	\$816.00
Fall restraint system for roof	\$2,754.00
Dual camera/flat screen color 7.0" monitor	\$204.00
Triple camera/flat split screen color 7.0" monitor	\$1,735.00
3rd eye dual camera/flat screen color 7.0" monitor 2nd location top of front bulkhead facing hopper	\$638.00
3rd eye triple camera/flat screen color 7.0" monitor 2nd location top of front bulkhead facing hopper 3rd location _____	\$1,656.00
Other camera options are non-standard, consult dealer	NA
Body roof to 7 gauge AR400	\$1,111.00
Body sides to AR400	\$1,388.00
Body floor to 3/16" AR400	\$827.00
Body Floor to 1/4" 100,000 PSI	\$638.00
Tailgate to 7 Gauge AR400	\$637.00
Packer Panel lower face to 3/8" 50,000 PSI	\$291.00
Packer Panel sloped face to 3/8" 50,000 PSI	\$365.00
Packer Panel construction grade (3/8" 50,000 lower panel, 1/4" AR235 slope panel, 3"x3" horizontal cross braces	\$975.00
Super Track Bottom wear strip (hopper only)	\$2,145.00
Electronic filter by-pass indicator in cab	\$239.00
Hydraulic shut down when filter in by-pass	\$539.00
High temperature fluid switch	\$467.00
Hour meter on PTO	\$253.00
Low fluid switch	\$467.00
In tank oil heater	\$1,232.00
External oil cooler	\$3,835.00
Aluminum oil tank	\$587.00
Nitride pack cylinders with scrapers	\$2,040.00
Extra valve section with air actuator includes air lines and switch in cab	\$739.00
Quick disconnect pressure gauge	\$91.00
Dual lever air controls <i>NO COST OPTION ¹</i>	Incl. ¹
10,000 lb lift rating with 3/8" 50,000 psi arm skins, 5.25" diameter arm cylinders & 4" fork cylinders.	\$2,052.00
Fork thickness 1.25" 100,000 psi with hook (49-5/8" bumper to hook)	\$173.00
Fork thickness 1.25" 100,000 psi with hook (58.5" bumper to hook)	\$364.00

VEHICLE:	Mammoth Front Loader - 40 Yard			
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ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$84,936.00	\$84,936.00	\$84,936.00	\$84,936.00

Fork thickness 1.5" 100,000 psi with hook (44-9/16" bumper to hook)	\$370.00
Fork thickness 1.5" 100,000 psi with hook (58.5" bumper to hook)	\$526.00
Fork thickness 1.5" 100,000 psi with hook (65.5" bumper to hook)	\$655.00
Fork thickness 1.25" 100,000 psi smooth no hook (48.5" bumper to tip)	NC
Fork thickness 1.5" 100,000 psi smooth no hook (58.5" bumper to tip)	\$461.00
Fork width adjustment hydraulic (both sides 18" each)	\$3,089.00
Fork Limiter to retain can on forks during dumping	\$178.00
Fork cylinders upgrade from 3.5" to 4" diameter	\$325.00
Outside controls for arms, forks packing with E-stop	\$1,261.00
Curbside in cab arm/fork controls	\$1,066.00
Deceleration on arms down function	\$974.00
Cradle support for arms down	\$455.00
Residential carry can system (contact dealer rep)	NA
Slide Pin for tailgate lock	\$184.00
Turnbuckles	\$383.00
Shovel/broom rack: located back side of front bulkhead screen	\$186.00
Extending cleaning tool with broom attachment and holder (to clean canopy)	\$269.00
Steel tool box 18x18x24	\$497.00
Steel tool box 18x18x36	\$580.00
Steel tool box 18x18x48 <i>correction 18x18x46 ¹</i>	\$637.00 ¹
Steel tool box 24x24x48	\$677.00
Container washout tank air 35 gallon	\$1,479.00
Container washout tank air 50 gallon	\$1,632.00
Auto lube (up to 20 points)	\$5,703.00
Packer position lights in cab	\$249.00
Water cooler and bracket	\$243.00
Sliding steel access door	\$391.00
Dual access door	\$497.00
Dual clean out doors	\$250.00
Large hopper opening 83"x95"	\$473.00
Canopy extension raise with air cylinder	\$1,224.00
Canopy coated with rock guard liner	\$434.00
Drip pan below tailgate seal	\$689.00
3 year cylinder warranty	\$1,683.00
2 year body warranty	\$1,214.00
3 year body warranty	\$2,428.00

VEHICLE:	Mammoth Front Loader - 40 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$84,936.00	\$84,936.00	\$84,936.00	\$84,936.00

	2 year hydraulic warranty (excludes cylinders)	\$1,515.00
	3 year hydraulic warranty (excludes cylinders)	\$2,270.00
	34yd Eject (172-174" wheelbase) <i>deduct \$3118.00 from base body cost</i> ¹	(\$3,118.00) ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>NEW WAY MAMMOTH FRONT LOADER - 43 YARD (Specification #92)</u>			
Amick Equipment Co., Inc.	2016 New Way Mammoth Front Loader - 43 Yard	★Appalachia	\$85,224.00
Amick Equipment Co., Inc.	2016 New Way Mammoth Front Loader - 43 Yard	★Dogwood	\$85,224.00
Amick Equipment Co., Inc.	2016 New Way Mammoth Front Loader - 43 Yard	★Cardinal	\$85,224.00
Amick Equipment Co., Inc.	2016 New Way Mammoth Front Loader - 43 Yard	★Longleaf Pine	\$85,224.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY MAMMOTH FRONT LOADER - 43 YARD **SPECIFICATION #92**

2016 New Way Mammoth Front Loader - 43 Yard

NEW WAY MAMMOTH FRONT LOADER CHASSIS SPECS - BODY CAPACITY: 43 CUBIC YARDS, BODY WIDTH: 75", BODY LENGTH: 472", BODY HEIGHT: 110.75", CAB OVER MUST BE FRONT MOUNT PUMP, WITH OVERSPEED PROTECTION- ENGINE: 350 HP SET AT 1,000 LB TORQUE AT IDLE; ALLISON: 4500 RDS TRANSMISSION WITH OVERSPEED PROTECTION; CHASSIS GVWR: 64,000 LBS MINIMUM; FRONT AXLE: 20,000 LBS, REAR AXLE: 44,000 LBS REAR TANDEM; WHEEL BASE: 208"-210"; AFTER FRAME: 76"

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY DIMENSIONS

- a. Length - 472"
- b. Height - 110.75"
- c. Wheel Base - 208"-210"
- d. Body weight - 16,850 pounds

2. BODY CONSTRUCTION

- a. Body Sides - 1/8" AR450 formed to a radius for extra strength
- b. Body Roof - 10 Gauge, 80,000 PSI yield steel
- c. Body Floor - 1/8" AR450 curved
- d. Flood Longitudinal - 2"x6"x1/4" structural tube

3. HOPPER

- a. Capacity - 12 yards
- b. Floor - 3/16" AR450 steel formed to a radius
- c. Sides - 3/16" AR450 steel formed to a radius. No straight sides
- d. Front - Enclosed with expanded metal for viewing behind the packer and to prevent trash from blowing out
- e. Wear Strips - Hopper is lined with 6each 1/4" wear strips, AR450 to match the wear strips onthe packer panel. Plow steel wear strips are not acceptable.
- f. Sliding Cover - Hydraulic sliding cover constructed of 14gaige A569 steeland reinforced with 1"x2" tube
- g. Hopper Cover - Powered by 1 Hydraulic double acting cylinder, 2.5" x 92" shall open automatically when raising the lift arms.
- h. Switch - SPDT single pull, double throw, electrical switch in the cab to manually close the hopper cover.
- i. Access - Sliding side access door with PTO interlock and shall be a minimum of 30"x30"

4. PACKING MECHANISM

- a. Face Panel - Packer face panel shall be constructed of 3/16" AR450 Steel
- b. Tracks - Packing panel shall slide in a track constructed of 1/4" formed channeland lined on all 3 sides with AR450 wear strips

- c. Activation - Packer panel shall be activated by (2) 6.5"x182" stroke, 4 stage telescopic hydraulic cylinders with U-cup seal design
- d. Cycle - Pack cycle shall be 25 to 27 seconds
- e. Panel Dimensions - Packing panel shall be 79" high x 84" wide
- f. Force - Packing panel shall exert a minimum of 133,000 lbs of packing force throughout the pack cycle

5. TAILGATE

- a. Type - Tailgate shall be top hinged and of bustle type
- b. Bubble - Tailgate bubble shall be constructed of 1/8" AR450 steel
- c. Sides - Tailgate side sheets shall be constructed of 10 gauge 80,000 PSI high tensile steel
- d. Hinges - Tailgate shall be secured to the body using (2) sets of hinges with 1.5" hinge pins at the roof line
- e. Activation - Tailgate shall be unlocked, opened and closed by (2) 3"x25.5" double acting hydraulic cylinders with restrictors to prevent precipitous descent in case of a hydraulic line rupture
- f. Locks - Tailgate shall have a 4 point positive lock system without the need for turnbuckles.
- g. Gasket - Tailgate shall be equipped with a 1 piece-replaceable rubber gasket, extending across the bottom width of the tailgate and vertically up the sides 36"
- h. Alarm - A warning icon on the in-cab display and buzzer shall be installed in the cab to indicate when the tailgate is open.

6. LIFTING ARMS

- a. Arms - Arms shall be of fabricated tube design. Comprised of 3"x3/8" 100,000 psi steel, upper and lower continuous flat bar. (multiple piece welded flat bar is unacceptable) the arms shall be covered with 3/16" AR450 steel side plates
- b. Capacity - Arms shall have an 8,000 lbs. lift capacity
- c. Proportional Control - The arm shall provide a progressive slow stop before coming into contact with the rubber arm stops by use of the proportional control valve. (internal cushioning of the arm cylinders is not acceptable)
- d. Cycle - The load arm cycle time shall not be more than 12-13 seconds
- e. Lift Cylinders - The lift arm cylinders shall be powered by (2) 4.5"x45.25" double acting cylinders with 2" rods
- f. Arm Pivot - The arm pivot shaft shall be constructed of 4.5" OD x 1/2" wall DOM tubing
- g. Bushings - The pivot bushings shall have at least 4 split type bronze bushings to prevent wear
- h. Fork Construction - The forks shall be constructed of 1.25" 100,000 PSI sheet steel 48.75" long from bump stop to tip and tapered at the end
- i. Fork Height - The forks at dump position shall not exceed 13'6" above the ground
- j. Fork Rotation - The fork rotation shall be accomplished by (2) 3.5" double acting cylinders, 24" stroke, with a minimum 1.5" rod
- k. Fork Pivot - The fork pivot shaft shall be constructed 4.5" OD x 1/2" wall DOM tube
- l. Fork Bushings - The fork bushings shall be of split bronze type bolted to the arms with (4) 3/4" grade 5 bolts on each side
- m. Scuff Plates - There shall be UHMW arm scuff plates mounted to the upper hopper sides

7. CONTROLS

- a. Compactor Controls - All compactor operation controls are to be located in the truck cab and mounted for operator convenience and comfort
- b. Warning Signals - Warning signals shall be incorporated into all circuits monitoring abnormal compactor operations
- c. Control Type - All controls must utilize J1939 Can-Bus protocol to interface with the chassis and also controllers located throughout the bodies electrical system
- d. SPDT Switches - The packer, hopper cover, and rear door operation shall be controlled by SPDT electrical switches
- e. Rear Door Safety - The rear door shall not operate without depressing a safety switch in conjunction with the tailgate rocker switch to prevent accidental opening of the rear door
- f. Arm Control - The arm control shall have an interlock to prevent dumping behind the packer panel
- g. Cab Display - An in cab display with diagnostics must be standard in the cab for convenience of trouble shooting and also operator warning message and lights
- h. Proximity Switches - Proximity switches shall be used throughout the body, No exceptions

8. HYDRAULICS

- a. Reservoir - The hydraulic reservoir shall be supplied with a minimum capacity of 70 gallons and equipped with a fluid site gauge, temperature indicator, air breather filter, magnetic trap, and a gate valve on the suction line
- b. Strainer - The reservoir shall have a 100 micron suction strainer and equipped with a built in 3PSI bypass for pump protection
- c. Pump - The body shall be powered by a front mount Denison Vane Pump
- d. Hydraulic Functions - All hydraulic functions shall be controlled by an electric operated PVG32/100 hydraulic valve

- or equivalent
- e. Hydraulic Hoses - All hydraulic hoses shall be SAE approved construction with hose burst pressure (4) times working pressure and have protective coverings
- f. Steel Tubing - Where possible, seamless steel tubing with zinc clear coating shall be used and held in place with shock absorbing bolt on clamps
- g. Hose Ends - All hose ends, tubing and adapters shall have JIC 37 degree flare fittings
- h. Operating Pressure - Normal maximum operating pressure shall not exceed 2450 PSI
- i. Relief Valve - The hydraulic system shall incorporate a relief valve to protect all components from excess pressures
- j. Chrome Rods - All cylinder rods shall be chrome plated
- k. Auto Packer - The hydraulic system shall include automatic pack functions to allow continuous pack cycle
- l. Panel Extend - The packer panel in extend or retract mode shall automatically accelerate at 1450-1550 rpm when truck is in neutral
- m. Autopack Function - The auto-pack function shall include a pack start button and a neutral safety to disable automatic acceleration if the transmission is in gear. PTO kill proximity switch provided on the hopper access door

9. ELECTRICAL

- a. Loom - All wiring shall be loomed or in conduit
- b. LED - The body shall be equipped with approved LED clearance, warning, tail, license, stop and turn signals in compliance with the national safety standards
- c. Light Mounts - All clearance, back-up, and directional lights shall be shock mounted in rubber grommets
- d. Back-up Alarm - The body shall be equipped with an external audio back-up alarm activated when the chassis is in reverse
- e. Tailgate Alarm - An icon on the in-cab display screen shall illuminate when the tailgate is open and audible alarm will sound when the tailgate is open
- f. Camera - A camera system shall be installed with a monitor for viewing the rear of the body and for safety when truck is in reverse. System will include a 5.6" LCD color monitor with (1) reverse camera and (1) camera in the hopper area

10. PAINT

- a. Prep - The body shall be properly cleaned of all dirt, oil and welding slag. a gray lead-free Epoxy primer with rust inhibitors shall be applied
- b. Type - Dupont Imron Elite shall be applied as a top coat. Specify paint code: _____ Specify paint color: _____

11. MOUNTING

- a. Body shall be mounted in accordance to industry standards
- b. No welding shall be performed on the chassis frame in the mounting process

12. WARRANTY

- a. Body - Manufacturer's limited warranty shall apply for a period of (1) year after date of acceptance of the unit
- b. Cylinders - 2 years

13. STANDARD FEATURES

- a. Standard mount
- b. Denison long life vane pump
- c. All LED body lights
- d. Center mount brake (ID cluster)
- e. 10 lb fire extinguisher
- f. Triangle kit
- g. Dual 5.6" camera flat screen color
- h. Acrylic urethane enamel paint, white
- i. Body roof 7 ga 50k
- j. body sides 3/16" AR 235 curved
- k. Body floor 3/16" AR 235 curved
- l. Hopper sides lower, 3/16" AR400
- m. Hopper floor 1/4" AR400
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- p. Packer Panel sloped face 1/4" AR235
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- y. Sliding access door (fiber glass)
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NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY MAMMOTH FRONT LOADER - 43 YARD SPECIFICATION #92

2016 New Way Mammoth Front Loader - 43 Yard

The New Way Mammoth Front Loader - 43 Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$85,224.00	\$85,224.00	\$85,224.00	\$85,224.00

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	Brush guard for upper tailgate light bar	\$171.00
	Other light packages are non-standard options <i>consult factory</i> ¹	NA ¹
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	Back-up alarm auto volumn adjustable	\$148.00
	Over height warning buzzer (arms above cab)	\$500.00

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Fire extinguisher upgrade 20 lb	\$94.00
Transition at top of roof from ladder	\$816.00
Fall restraint system for roof	\$2,754.00
Dual camera/flat screen color 7.0" monitor	\$204.00
Triple camera/flat split screen color 7.0" monitor	\$1,735.00
3rd eye dual camera/flat screen color 7.0" monitor 2nd location top of front bulkhead facing hopper	\$638.00
3rd eye triple camera/flat screen color 7.0" monitor 2nd location top of front bulkhead facing hopper 3rd location _____	\$1,656.00
Other camera options are non-standard, consult dealer <i>consult factory</i> ¹	NA ¹
Body roof to 7 gauge AR400	\$1,111.00
Body sides to AR400	\$1,388.00
Body floor to 3/16" AR400	\$827.00
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Tailgate to 7 Gauge AR400	\$637.00
Packer Panel lower face to 3/8" 50,000 PSI	\$291.00
Packer Panel sloped face to 3/8" 50,000 PSI	\$365.00
Packer Panel construction grade (3/8" 50,000 lower panel, 1/4" AR235 slope panel, 3"x3" horizontal cross braces	\$975.00
Super Track Bottom wear strip (hopper only)	\$2,145.00
Electronic filter by-pass indicator in cab	\$239.00
Hydraulic shut down when filter in by-pass	\$539.00
High temperature fluid switch	\$467.00
Hour meter on PTO	\$253.00
Low fluid switch	\$467.00
In tank oil heater	\$1,232.00
External oil cooler	\$3,835.00
Aluminum oil tank	\$587.00
Nitride pack cylinders with scrapers	\$2,040.00
Extra valve section with air actuator includes air lines and switch in cab	\$739.00
Quick disconnect pressure gauge	\$91.00
Dual lever air controls <i>no charge option</i> ¹	Incl. ¹
10,000 lb lift rating with 3/8" 50,000 psi arm skins, 5.25" diameter arm cylinders & 4" fork cylinders.	\$2,052.00
Fork thickness 1.25" 100,000 psi with hook (49-5/8" bumper to hook)	\$173.00

VEHICLE:	Mammoth Front Loader - 43 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$85,224.00	\$85,224.00	\$85,224.00	\$85,224.00

Fork thickness 1.25" 100,000 psi with hook (58.5" bumper to hook)	\$364.00
Fork thickness 1.5" 100,000 psi with hook (44-9/16" bumper to hook)	\$370.00
Fork thickness 1.5" 100,000 psi with hook (58.5" bumper to hook)	\$526.00
Fork thickness 1.5" 100,000 psi with hook (65.5" bumper to hook)	\$655.00
Fork thickness 1.25" 100,000 psi smooth no hook (48.5" bumper to tip)	NC
Fork thickness 1.5" 100,000 psi smooth no hook (58.5" bumper to tip)	\$461.00
Fork width adjustment hydraulic (both sides 18" each)	\$3,089.00
Fork Limiter to retain can on forks during dumping	\$178.00
Fork cylinders upgrade from 3.5" to 4" diameter	\$325.00
Outside controls for arms, forks packing with E-stop	\$1,261.00
Curbside in cab arm/fork controls	\$1,066.00
Deceleration on arms down function	\$974.00
Cradle support for arms down	\$455.00
Residential carry can system (contact dealer rep) <i>consult factory</i> ¹	NA ¹
Slide Pin for tailgate lock	\$184.00
Turnbuckles	\$383.00
Shovel/broom rack: located back side of front bulkhead screen	\$186.00
Extending cleaning tool with broom attachment and holder (to clean canopy)	\$269.00
Steel tool box 18x18x24	\$497.00
Steel tool box 18x18x36	\$580.00
Steel tool box 18x18x48 <i>correction 18x18x46</i> ¹	\$637.00 ¹
Steel tool box 24x24x48	\$677.00
Container washout tank air 35 gallon	\$1,479.00
Container washout tank air 50 gallon	\$1,632.00
Auto lube (up to 20 points)	\$5,703.00
Packer position lights in cab	\$249.00
Water cooler and bracket	\$243.00
Sliding steel access door	\$391.00
Dual access door	\$497.00
Dual clean out doors	\$250.00
Large hopper opening 83"x95"	\$473.00
Canopy extension raise with air cylinder	\$1,224.00
Canopy coated with rock guard liner	\$434.00
Drip pan below tailgate seal	\$689.00
3 year cylinder warranty	\$1,683.00

VEHICLE:	Mammoth Front Loader - 43 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$85,224.00	\$85,224.00	\$85,224.00	\$85,224.00

2 year body warranty	\$1,214.00
3 year body warranty	\$2,428.00
2 year hydraulic warranty (excludes cylinders)	\$1,515.00
3 year hydraulic warranty (excludes cylinders)	\$2,270.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>NEW WAY - 9 YARD COBRA REAR LOADER (Specification #93)</u>			
Amick Equipment Co., Inc.	2016 New Way 9 Yard Cobra Rear Loader	★Appalachia	\$41,085.00
Amick Equipment Co., Inc.	2016 New Way 9 Yard Cobra Rear Loader	★Dogwood	\$41,085.00
Amick Equipment Co., Inc.	2016 New Way 9 Yard Cobra Rear Loader	★Cardinal	\$41,085.00
Amick Equipment Co., Inc.	2016 New Way 9 Yard Cobra Rear Loader	★Longleaf Pine	\$41,085.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 9 YARD COBRA REAR LOADER **SPECIFICATION #93**

2016 New Way 9 Yard Cobra Rear Loader

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **MAIN BODY RAILS**

a. C8 x 11.5# Structural Channel

2. **FLOOR**

a. Front .25-50k Rear .25-50K

3. **FLOOR BRACES**

a. 8" Wide; 10GA-50K

4. **CENTER FLOOR BRACES**

a. 8" Wide; 10GA-50K

5. **MOUNTING BRACKETS**

a. Welded to Main Body Rails; 1/2" - A36

6. **EJECTION PANEL TRACKS**

a. C8 x 11.5# Structural Channel Wear Strips

7. **SIDE WALLS**

a. 10GA - 80K

8. **ROOF**

a. 10GA - 80K

9. **REAR FRAME**

a. Formed 6 11/16" x 4 13/16", 1/4" - GR50 Formed + Welded 1/4" GR 50, Sides Upper and Lower

10. **TAILGATE HINGE LUGS**

a. 1" - A36

11. **UPPER BULKHEAD**

a. 10GA - 50K

12. **LOWER BULKHEAD**

a. 1/4" - 50K

13. ACCESS DOOR
 - a. 28" x 23 1/2"
14. UPPER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
15. LOWER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
16. BODY HEIGHT
 - a. 20 Yard - 83"
17. OVERALL HEIGHT WITH TAILGATE RAISED
 - a. 20 Yard - 158"
18. BODY LENGTH
 - a. 20 yard - 245"
19. OVERALL LENGTH WITH TAILGATE RAISED
 - a. 20 yard - 255"
20. INSIDE WIDTH
 - a. 11 - 25 yard - 93"
21. MAX OUTSIDE WIDTH
 - a. 11 - 25 Yard - 96"
22. APPROXIMATE BODY WEIGHT (IN LBS)
 - a. 25 Yard - 12,200lbs
23. BODY CAPACITIES
 - a. 20 Cubic Yard
24. HOPPER CAPACITY
 - a. 20 Cubic Yard Rear Loader - 3 Cubic Yards
25. HOPPER OPENING HEIGHT
 - a. 20RL - 52"
26. HOPPER OPENING WIDTH
 - a. 74"
27. UPPER HOPPER BRACE
 - a. Formed 1/4" - A36
28. HOPPER FLOOR
 - a. 1/4" 50k
29. HOPPER BRACES
 - a. Formed 1/4" 50k
30. TAILGATE SEAL HEIGHT
 - a. 22"

31. LOWER TAILGATE SIDE

a. 7 ga 50k

32. UPPER TAILGATE SIDES

a. 10 ga 50k

33. SLIDE TRACKS

a. Formed 1/4"- 50k

34. SLIDE WEAR STRIPS

a. 1/2" x 2 1/2" A36

35. TAILGATE SIDE BRACES

a. Formed 7GA - 50k

36. FACE SHEET

a. 10GA 50K

37. FACE SHEET BRACES

a. Formed 7 ga 50k

38. LUGS

a. 1" x 4" 1018CFG flat

39. LUG CENTER BRACES

a. Formed 10 GA 50k

40. UPPER SLIDE SHOE

a. 7 1/4" x 1" Lug 6 7/8" x 5 13/16" x 1 3/4" UHMW

41. SLIDE

a. 20RL - 4 1/2" Bore, 43" Stroke, 3" Rod

42. TAILGATE

a. 20RL 4" Bore, 24" Stroke, 1-3/4" Rod

43. EJECTION PANEL

a. 20RL 4 stage 6-1/2" Bore, 114" Stroke

44. MINIMUM GVWR (IN LBS.)

a. 20 - 33,000 lbs

45. RECOMMENDED CAB TO TRUNION

a. 20RL - 138"

46. ADDITIONAL STANDARD EQUIPMENT

- a. Semi auto cycling
- b. Auto back pack
- c. Accelerator kit
- d. Auto lock tailgate
- e. Back-Up alarm
- f. All LED lights
- g. Hydraulic tank temp gauge
- h. Right side hydraulic tank access port

- i. ICC lights and reflectors
- j. Site gauge on oil tank
- k. Oil pressure gauge
- l. Chrome cylinders
- m. Side access door
- n. Driver alert buzzer
- o. Tailgate ajar indicator
- p. Light bar
- q. Bolt on steps on rear
- r. Prime under paint
- s. Rear vision camera

47. TROUGH (YES OR NO)

- a. Yes

48. OPERATING PRESSURE

- a. 2,000 PSI

49. HOSES

- a. 4 to 1 BURST

50. FILTER

- a. 10 micron

51. PUMP FLOW

- a. 29 GPM @ 1,350-1,400 RPM

52. TANK CAPACITY

- a. 45 gallon with 100 mesh 141 micron suction strainer

53. CYLINDER PIN

- a. 1 1/4 OD 1144 Stressproof

54. CYLINDER SUPPORTS

- a. 3/4" A36 Formed 3/8" 50K

55. NOSE

- a. 1/4" A36

56. SHOES

- a. 1 11/16" x 2 1/4" x 12" UHMW qty (8)

57. UPPER FACE SHEET

- a. 10 GA 50K

58. BASE AND SUPPORT STRUCTURE

- a. Formed 1/4" 50K 1/4" X 4" tube 1/4" x 4: flat

59. BRONZE BUSHINGS

- a. 2" ID

60. SWEEP NOSE

- a. 5/8" A36

61. BACKING PLATE

a. 10 ga 50k

62. LOWER SLIDE SHOE

a. 5" x 21" x 5/8" A36 plate 1/2" x 24" x 2 3/4" UHMW

63. UPPER SLIDE CYLINDER PINS

a. 1 1/2" OD 1144 stressproof

64. UPPER SWEEP PINS

a. 1 1/2" OD 1144 stressproof

65. LOWER SWEEP PINS

a. 2" OD 1144 stressproof

66. FACE PLATE

a. 1/4" 50k

67. SWEEP

a. (2) 5" bore, 16" stroke, 2-1/2" rod

68. WARRANTY

- a. 2 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty

69. STEEL OPTIONS

- a. Ejection panel face 10ga 50k
- b. Upper body floor 10ga 80k
- c. Hopper floor and back 1/4" 50k and back 1/4" 100k
- d. Tailgate lower sides 7ga, 50k
- e. Slide face 7ga, 50k

70. HYDRAULICS

- a. Induction hardened slide rods
- b. Induction hardened sweep rods
- c. Zinc clear hydraulic tubes

71. SAFETY DEVICE OPTIONS

- a. Fire extinguisher - 10lb (standard on mounted units)
- b. Triangle Kit (standard on mounted units)



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 9 YARD COBRA REAR LOADER SPECIFICATION #93

2016 New Way 9 Yard Cobra Rear Loader

The New Way 9 Yard Cobra Rear Loader purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$41,085.00	\$41,085.00	\$41,085.00	\$41,085.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	9 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$41,085.00	\$41,085.00	\$41,085.00	\$41,085.00

Order Code	Add Options	All Zones
	Installed customer supplied scales (quoted on request)	NA
	Vulcan scale installed (4 point system)	\$11,073.00
	Vulcan scale installed (6 point system)	\$14,230.00
	Loadman scale installed (4 point system)	\$12,378.00
	Loadman scale installed (6 point system)	\$12,841.00
	Pump only	Std
	Manual transmission or automatic transmission (air assist PTO) Gear pump (requires additional solenoid valves for safety interlocks)	\$2,820.00
	Automatic transmission (hot shift) with pump	\$2,082.00
	Automatic transmission (hot shift with overspeed) with pump	\$2,361.00
	Automatic transmission (hot shift with overspeed) with pump, pack on the go	\$2,486.00
	Front mount muncie MLS	\$3,533.00
	Pack at lower RPM gear pump (additional charge) *1,000-1,200 <i>*check with chassis manufacturer for adequate torque @ low RPM. New Way Approval needed. ¹</i>	\$770.00 ¹
	Pack at lower RPM vane pump (additional charge) *1,000-1,200 RPM (requires driveline or extension shaft) <i>*check with chassis manufacturer for adequate torque @ low RPM. New Way Approval needed. ¹</i>	\$2,346.00 ¹
	<i>*check with chassis manufacturer for adequate torque @ low RPM</i>	NA
	Silent drive 20,000 lb pusher axle with tires	\$10,652.00
	Silent drive 20,000lb pusher axle without tires	\$8,337.00
	Silent drive 13,200 lb pusher axle with tires	\$9,257.00
	Silent drive 13,200 lb pusher axle without tires	\$7,853.00
	9,000 lb tulsa winch with latch kit	\$3,054.00
	12,000 lb tulsa winch with latch kit	\$3,997.00
	12,000 lb bloom winch with latch kit	\$3,997.00
	12,000 lb reeving cylinder with latch kit	\$4,891.00
	Kick bar with latch kit	\$3,572.00
	Kick bar without latch kit	\$3,045.00
	Extra valve section and handle (rear valve for future container handling option)	\$615.00
	Extra valve section (front valve with air actuator)	\$775.00
	Latch kit/trunion guides/ and container stops	\$525.00
	Brace roof and cut out for drum winch for future install	\$352.00
	Extra cable guide on drum winch rearward	\$182.00
	Lower loadsill 3"	\$183.00
	Perkins auto trunion lock	\$5,829.00

VEHICLE:	9 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$41,085.00	\$41,085.00	\$41,085.00	\$41,085.00

*Note - Maximum of 2 valve sections available on rear valve for options	NA
Perkins cylinder actuated (no other container lifting devices) D6500	\$3,949.00
Perkins cylinder actuated (with other container lifting devices) D6500 (not compatible with Kick Bar)	\$4,526.00
Perkins rotary actuated (no other container lifting devices) D6220	\$5,400.00
Perkins rotary actuated (with other container lifting devices) D6220	\$5,826.00
Bayne rotary actuated (no other container lifting devices) MBTL180	\$5,095.00
Bayne rotary actuated (with other container lifting devices) Revolution series	\$5,928.00
Perkins auto arm lifter (D6098) (not compatible with any other container lifting devices)	\$7,621.00
Extra valve section with extended handle (rear valve for future cart tipper installation)	\$615.00
Street side linkage to operate tipper valve section	\$375.00
Single tap-in-kit (required if more than two (2) container handling/cart tipper options or left side cart tipper)	\$937.00
Dual tap-in-kit (required if dual tippers, unless street side linkage providing the sections are available)	\$1,105.00
Extend loadsill and latch kit for future install of cart tipper	\$623.00
Add hydraulic tubing to tailgate side for future tipper install	\$157.00
Notch loadsill for tipper with other lifting devices	\$233.00
LED mid body back-up lights includes up to two (2) lights	\$434.00
LED work lights two (2) mounted, inside upper tailgate shining in hopper	\$329.00
LED work lights two (2) mounted, outside upper tailgate shining rearward	\$450.00
Strobe light (surface mount)	\$295.00
Strobe light package (integrated strobe system) (2 round lights mounted upper tailgate)	\$461.00
Strobe light package (integrated strobe system) (2 round lights mounted lower tailgate)	\$461.00
Strobe light package (integrated strobe system) (2 round lights mounted front of body)	\$542.00
LED round strobes upper tailgate (2 lights)	\$306.00
LED round strobes lower tailgate (2 lights)	\$390.00
LED round strobes at front of body (2 lights)	\$390.00
LED oval strobes upper tailgate (2 lights)	\$390.00
LED oval strobes at front of body (2 lights)	\$390.00
LED 7" round strobes upper tailgate (2 lights)	\$547.00
Traffic adviser board (not compatible with winches)	\$811.00
Center mount brake (ID Cluster)	\$85.00
Brush guards for upper light bar	\$171.00
Wiring circuit including switch for customer install of lights	\$140.00
Safety shut down curbside	Std
Safety shut down streetside	\$151.00

VEHICLE:	9 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$41,085.00	\$41,085.00	\$41,085.00	\$41,085.00

Driver alert buzzer curb side	Std
Driver alert buzzer street side	\$102.00
Guard to protect control handles	\$68.00
Back up alarm upgrade 102db	\$75.00
Back up alarm auto volume adjustable	\$148.00
Interlock on front access door	Std
Back up collision avoidance sensor (pre-view)	\$2,298.00
Fire extinguisher - 20lb (upgrade from 10lb) (only available on mounted units only)	\$94.00
5.6" color flat screen with audio	Std
7.0" color flat screen with audio	\$214.00
3rd eye 7.0" color flat screen with audio	\$510.00
Prime Only	Std
Acrylic Urethane Enamel white (9-20RL)	\$1,599.00
Acrylic Urethane Enamel white (25-RL)	NA
Acrylic Urethane Enamel color (9-20RL)	\$2,077.00
Acrylic Urethane Enamel color (25 RL)	NA
Clear coat	\$1,599.00
Two tone or special design (mounted units only) <i>consult factory for quote</i> ¹	NA ¹
Body under coating (mounted units only) (applied from frame rails to edge of body and under side of hopper)	\$1,509.00
Riding steps coated with black bed liner material	\$178.00
Prime inside of body (recommended for stock units)	\$383.00
Magnum package - hopper floor 1/4" 100k, tailgate lower sides 1/4" 50k, sweep and slide face 1/4" 80k, upper floor 7ga 50k, lower body floors 3/8" 50k	\$2,127.00
Upper body floor 1/4" 50k from 10ga 80k	\$693.00
Upper body floor 7ga 50k from 10ga 80k	\$491.00
Hopper floor and back 1/4" 100k	\$499.00
Hopper floor and back 3/8" 50k	\$605.00
Hopper floor 1/2" 50k, back 1/4" 100k AR200	\$1,220.00
Hopper liner floor and back 1/4" 100k	\$1,238.00
Reinforce hopper floor with additional braces	\$280.00
Tailgate lower side 1/4", 50k	\$406.00
Tailgate lower side 1/4", 80k	\$744.00
Tailgate lower side 1/4", 100k	\$1,149.00
Tailgate lower side liners 7ga, 50k	\$825.00
Tailgate lower side liners 1/4" 100k	\$1,647.00

VEHICLE:	9 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$41,085.00	\$41,085.00	\$41,085.00	\$41,085.00

Slide face 1/4" 50k	\$234.00
Slide face 1/4" 100k	\$386.00
Sweep face 1/4" 100k	\$276.00
Ejection panel face 7ga 50k	\$320.00
Ejection panel face 1/4" 50k	\$638.00
Full body weld inside vs. stitched	\$367.00
Full weld outside center trough	Std
Frame mounted hydraulic tank	\$584.00
Electronic filter by-pass indicator in cab	\$239.00
Hydraulic shut down when filter in by-pass	\$539.00
Hour meter on PTO	\$253.00
High temperature fluid switch	\$467.00
Low fluid level switch	\$462.00
In tank oil heater (110 volt)	\$1,173.00
In cab air controls for tailgate and eject (includes auto tailgate locks)	\$736.00
Remote hook-up with quick disconnects	\$1,042.00
Nylon sleeves on hoses	\$306.00
Viper slide cylinders on Cobra w 2500 PSI (STD on 11,13 yard)	\$472.00
Guards to protect roof hoses/pipes	\$424.00
Quick disconnect pressure port at front valve	Std
Quick connect pressure gauge	\$91.00
Auto lube system (up to 14 points)	\$5,632.00
Turnbuckles	\$367.00
Mud flaps behind rear axles	\$171.00
Mud flaps in front of rear axles	\$171.00
Shovel/broom rack	\$185.00
Steel tool box 18x18x24	\$496.00
Steel tool box 18x18x36	\$580.00
Steel tool box 18x18x46	\$636.00
Steel tool box 18x18x48 <i>correction 24x24x48¹</i>	\$677.00 ¹
Sign brackets 3' x 5' (pair)	\$398.00
Sign brackets 42" x 78" (pair)	\$491.00
Sign brackets 60" x 72" (pair)	\$582.00
Access door 30" x 30"	\$220.00
Access door steps (ladder with handles)	\$347.00
Extra grab handles (set)	\$120.00

VEHICLE:	9 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$41,085.00	\$41,085.00	\$41,085.00	\$41,085.00

Container washout tank 35 gallon	\$1,479.00
Container washout tank 50 gallon	\$1,632.00
Water cooler and bracket	\$242.00
Steps extend length (not compatible with kick bar)	\$403.00
Steps extend width (max 102")	\$357.00
Hopper floor extension (limits fallback into hopper)	\$535.00
Tailgate seal extension (increases seal height)	\$331.00
Cup holder (mounted to side of tailgate)	\$76.00
3 year cylinder warranty (16 to 25 yard Cobra)	\$1,232.00
2 year body warranty	\$1,213.00
3 year body warranty	\$1,892.00
2 year hydraulic warranty	\$1,075.00
3 year hydraulic warranty (excludes cylinders)	\$1,567.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>NEW WAY - 11 YARD COBRA REAR LOADER (Specification #94)</u>			
Amick Equipment Co., Inc.	2016 New Way 11 Yard Cobra Rear Loader	★Appalachia	\$42,653.00
Amick Equipment Co., Inc.	2016 New Way 11 Yard Cobra Rear Loader	★Dogwood	\$42,653.00
Amick Equipment Co., Inc.	2016 New Way 11 Yard Cobra Rear Loader	★Cardinal	\$42,653.00
Amick Equipment Co., Inc.	2016 New Way 11 Yard Cobra Rear Loader	★Longleaf Pine	\$42,653.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 11 YARD COBRA REAR LOADER **SPECIFICATION #94**

2016 New Way 11 Yard Cobra Rear Loader

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **MAIN BODY RAILS**

a. C8 x 11.5# Structural Channel

2. **FLOOR**

a. Front .25-50k Rear .25-50K

3. **FLOOR BRACES**

a. 8" Wide; 10GA-50K

4. **CENTER FLOOR BRACES**

a. 8" Wide; 10GA-50K

5. **MOUNTING BRACKETS**

a. Welded to Main Body Rails; 1/2" - A36

6. **EJECTION PANEL TRACKS**

a. C8 x 11.5# Structural Channel Wear Strips

7. **SIDE WALLS**

a. 10GA - 80K

8. **ROOF**

a. 10GA - 80K

9. **REAR FRAME**

a. Formed 6 11/16" x 4 13/16", 1/4" - GR50 Formed + Welded 1/4" GR 50, Sides Upper and Lower

10. **TAILGATE HINGE LUGS**

a. 1" - A36

11. **UPPER BULKHEAD**

a. 10GA - 50K

12. **LOWER BULKHEAD**

a. 1/4" - 50K

13. ACCESS DOOR
 - a. 28" x 23 1/2"
14. UPPER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
15. LOWER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
16. BODY HEIGHT
 - a. 20 Yard - 83"
17. OVERALL HEIGHT WITH TAILGATE RAISED
 - a. 20 Yard - 158"
18. BODY LENGTH
 - a. 20 yard - 245"
19. OVERALL LENGTH WITH TAILGATE RAISED
 - a. 20 yard - 255"
20. INSIDE WIDTH
 - a. 11 - 25 yard - 93"
21. MAX OUTSIDE WIDTH
 - a. 11 - 25 Yard - 96"
22. APPROXIMATE BODY WEIGHT (IN LBS)
 - a. 25 Yard - 12,200lbs
23. BODY CAPACITIES
 - a. 20 Cubic Yard
24. HOPPER CAPACITY
 - a. 20 Cubic Yard Rear Loader - 3 Cubic Yards
25. HOPPER OPENING HEIGHT
 - a. 20RL - 52"
26. HOPPER OPENING WIDTH
 - a. 74"
27. UPPER HOPPER BRACE
 - a. Formed 1/4" - A36
28. HOPPER FLOOR
 - a. 1/4" 50k
29. HOPPER BRACES
 - a. Formed 1/4" 50k
30. TAILGATE SEAL HEIGHT
 - a. 22"

31. LOWER TAILGATE SIDE

a. 7 ga 50k

32. UPPER TAILGATE SIDES

a. 10 ga 50k

33. SLIDE TRACKS

a. Formed 1/4"- 50k

34. SLIDE WEAR STRIPS

a. 1/2" x 2 1/2" A36

35. TAILGATE SIDE BRACES

a. Formed 7GA - 50k

36. FACE SHEET

a. 10GA 50K

37. FACE SHEET BRACES

a. Formed 7 ga 50k

38. LUGS

a. 1" x 4" 1018CFG flat

39. LUG CENTER BRACES

a. Formed 10 GA 50k

40. UPPER SLIDE SHOE

a. 7 1/4" x 1" Lug 6 7/8" x 5 13/16" x 1 3/4" UHMW

41. SLIDE

a. 20RL - 4 1/2" Bore, 43" Stroke, 3" Rod

42. TAILGATE

a. 20RL 4" Bore, 24" Stroke, 1-3/4" Rod

43. EJECTION PANEL

a. 20RL 4 stage 6-1/2" Bore, 114" Stroke

44. MINIMUM GVWR (IN LBS.)

a. 20 - 33,000 lbs

45. RECOMMENDED CAB TO TRUNION

a. 20RL - 138"

46. ADDITIONAL STANDARD EQUIPMENT

- a. Semi auto cycling
- b. Auto back pack
- c. Accelerator kit
- d. Auto lock tailgate
- e. Back-Up alarm
- f. All LED lights
- g. Hydraulic tank temp gauge
- h. Right side hydraulic tank access port

- i. ICC lights and reflectors
- j. Site gauge on oil tank
- k. Oil pressure gauge
- l. Chrome cylinders
- m. Side access door
- n. Driver alert buzzer
- o. Tailgate ajar indicator
- p. Light bar
- q. Bolt on steps on rear
- r. Prime under paint
- s. Rear vision camera

47. TROUGH (YES OR NO)

- a. Yes

48. OPERATING PRESSURE

- a. 2,000 PSI

49. HOSES

- a. 4 to 1 BURST

50. FILTER

- a. 10 micron

51. PUMP FLOW

- a. 29 GPM @ 1,350-1,400 RPM

52. TANK CAPACITY

- a. 45 gallon with 100 mesh 141 micron suction strainer

53. CYLINDER PIN

- a. 1 1/4 OD 1144 Stressproof

54. CYLINDER SUPPORTS

- a. 3/4" A36 Formed 3/8" 50K

55. NOSE

- a. 1/4" A36

56. SHOES

- a. 1 11/16" x 2 1/4" x 12" UHMW qty (8)

57. UPPER FACE SHEET

- a. 10 GA 50K

58. BASE AND SUPPORT STRUCTURE

- a. Formed 1/4" 50K 1/4" X 4" tube 1/4" x 4: flat

59. BRONZE BUSHINGS

- a. 2" ID

60. SWEEP NOSE

- a. 5/8" A36

61. BACKING PLATE

a. 10 ga 50k

62. LOWER SLIDE SHOE

a. 5" x 21" x 5/8" A36 plate 1/2" x 24" x 2 3/4" UHMW

63. UPPER SLIDE CYLINDER PINS

a. 1 1/2" OD 1144 stressproof

64. UPPER SWEEP PINS

a. 1 1/2" OD 1144 stressproof

65. LOWER SWEEP PINS

a. 2" OD 1144 stressproof

66. FACE PLATE

a. 1/4" 50k

67. SWEEP

a. (2) 5" bore, 16" stroke, 2-1/2" rod

68. WARRANTY

- a. 2 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty

69. STEEL OPTIONS

- a. Ejection panel face 10ga 50k
- b. Upper body floor 10ga 80k
- c. Hopper floor and back 1/4" 50k and back 1/4" 100k
- d. Tailgate lower sides 7ga, 50k
- e. Slide face 7ga, 50k

70. HYDRAULICS

- a. Induction hardened slide rods
- b. Induction hardened sweep rods
- c. Zinc clear hydraulic tubes

71. SAFETY DEVICE OPTIONS

- a. Fire extinguisher - 10lb (standard on mounted units)
- b. Triangle Kit (standard on mounted units)



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 11 YARD COBRA REAR LOADER SPECIFICATION #94

2016 New Way 11 Yard Cobra Rear Loader

The New Way 11 Yard Cobra Rear Loader purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$42,653.00	\$42,653.00	\$42,653.00	\$42,653.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	11 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$42,653.00	\$42,653.00	\$42,653.00	\$42,653.00

Order Code	Add Options	All Zones
	Installed customer supplied scales (quoted on request)	NA
	Vulcan scale installed (4 point system)	\$11,073.00
	Vulcan scale installed (6 point system)	\$14,230.00
	Loadman scale installed (4 point system)	\$12,378.00
	Loadman scale installed (6 point system)	\$12,841.00
	Pump only	Std
	Manual transmission or automatic transmission (air assist PTO) Gear pump (requires additional solenoid valves for safety interlocks)	\$2,820.00
	Automatic transmission (hot shift) with pump	\$2,082.00
	Automatic transmission (hot shift with overspeed) with pump	\$2,361.00
	Automatic transmission (hot shift with overspeed) with pump, pack on the go	\$2,486.00
	Front mount muncie MLS	\$3,533.00
	Pack at lower RPM gear pump (additional charge) *1,000-1,200 <i>*check with chassis manufacturer for adequate torque @ low RPM. New Way must approve chassis. ¹</i>	\$770.00 ¹
	Pack at lower RPM vane pump (additional charge) *1,000-1,200 RPM (requires driveline or extension shaft) <i>*check with chassis manufacturer for adequate torque @ low RPM. New Way must approve chassis. ¹</i>	\$2,346.00 ¹
	<i>*check with chassis manufacturer for adequate torque @ low RPM</i>	NA
	Silent drive 20,000 lb pusher axle with tires	\$10,652.00
	Silent drive 20,000lb pusher axle without tires	\$8,337.00
	Silent drive 13,200 lb pusher axle with tires	\$9,257.00
	Silent drive 13,200 lb pusher axle without tires	\$7,853.00
	9,000 lb tulsa winch with latch kit	\$3,054.00
	12,000 lb tulsa winch with latch kit	\$3,997.00
	12,000 lb bloom winch with latch kit	\$3,997.00
	12,000 lb reeving cylinder with latch kit	\$4,891.00
	Kick bar with latch kit	\$3,572.00
	Kick bar without latch kit	\$3,045.00
	Extra valve section and handle (rear valve for future container handling option)	\$615.00
	Extra valve section (front valve with air actuator)	\$775.00
	Latch kit/trunion guides/ and container stops	\$525.00
	Brace roof and cut out for drum winch for future install	\$352.00
	Extra cable guide on drum winch rearward	\$182.00
	Lower loadsill 3"	\$183.00
	Perkins auto trunion lock	\$5,829.00

VEHICLE:	11 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$42,653.00	\$42,653.00	\$42,653.00	\$42,653.00

	*Note - Maximum of 2 valve sections available on rear valve for options	NA
	Perkins cylinder actuated (no other container lifting devices) D6500	\$3,949.00
	Perkins cylinder actuated (with other container lifting devices) D6500 (not compatible with Kick Bar)	\$4,526.00
	Perkins rotary actuated (no other container lifting devices) D6220	\$5,400.00
	Perkins rotary actuated (with other container lifting devices) D6220	\$5,826.00
	Bayne rotary actuated (no other container lifting devices) MBTL180	\$5,095.00
	Bayne rotary actuated (with other container lifting devices) Revolution series	\$5,928.00
	Perkins auto arm lifter (D6098) (not compatible with any other container lifting devices)	\$7,621.00
	Extra valve section with extended handle (rear valve for future cart tipper installation)	\$615.00
	Street side linkage to operate tipper valve section	\$375.00
	Single tap-in-kit (required if more than two (2) container handling/cart tipper options or left side cart tipper)	\$937.00
	Dual tap-in-kit (required if dual tippers, unless street side linkage providing the sections are available)	\$1,105.00
	Extend loadsill and latch kit for future install of cart tipper	\$623.00
	Add hydraulic tubing to tailgate side for future tipper install	\$157.00
	Notch loadsill for tipper with other lifting devices	\$233.00
	LED mid body back-up lights includes up to two (2) lights	\$434.00
	LED work lights two (2) mounted, inside upper tailgate shining in hopper	\$329.00
	LED work lights two (2) mounted, outside upper tailgate shining rearward	\$450.00
	Strobe light (surface mount)	\$295.00
	Strobe light package (integrated strobe system) (2 round lights mounted upper tailgate)	\$461.00
	Strobe light package (integrated strobe system) (2 round lights mounted lower tailgate)	\$461.00
	Strobe light package (integrated strobe system) (2 round lights mounted front of body)	\$542.00
	LED round strobes upper tailgate (2 lights)	\$306.00
	LED round strobes lower tailgate (2 lights)	\$390.00
	LED round strobes at front of body (2 lights)	\$390.00
	LED oval strobes upper tailgate (2 lights)	\$390.00
	LED oval strobes at front of body (2 lights)	\$390.00
	LED 7" round strobes upper tailgate (2 lights)	\$547.00
	Traffic adviser board (not compatible with winches)	\$811.00
	Center mount brake (ID Cluster)	\$85.00
	Brush guards for upper light bar	\$171.00
	Wiring circuit including switch for customer install of lights	\$140.00
	Safety shut down curbside	Std
	Safety shut down streetside	\$151.00

VEHICLE:	11 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$42,653.00	\$42,653.00	\$42,653.00	\$42,653.00

Driver alert buzzer curb side	Std
Driver alert buzzer street side	\$102.00
Guard to protect control handles	\$68.00
Back up alarm upgrade 102db	\$75.00
Back up alarm auto volume adjustable	\$148.00
Interlock on front access door	Std
Back up collision avoidance sensor (pre-view)	\$2,298.00
Fire extinguisher - 20lb (upgrade from 10lb) (only available on mounted units only)	\$94.00
5.6" color flat screen with audio	Std
7.0" color flat screen with audio	\$214.00
3rd eye 7.0" color flat screen with audio	\$510.00
Prime Only	Std
Acrylic Urethane Enamel white (9-20RL)	\$1,599.00
Acrylic Urethane Enamel white (25-RL)	NA
Acrylic Urethane Enamel color (9-20RL)	\$2,077.00
Acrylic Urethane Enamel color (25 RL)	NA
Clear coat	\$1,599.00
Two tone or special design (mounted units only) <i>consult factory for quote</i> ¹	NA ¹
Body under coating (mounted units only) (applied from frame rails to edge of body and under side of hopper)	\$1,509.00
Riding steps coated with black bed liner material	\$178.00
Prime inside of body (recommended for stock units)	\$383.00
Magnum package - hopper floor 1/4" 100k, tailgate lower sides 1/4" 50k, sweep and slide face 1/4" 80k, upper floor 7ga 50k, lower body floors 3/8" 50k	\$2,127.00
Upper body floor 1/4" 50k from 10ga 80k	\$693.00
Upper body floor 7ga 50k from 10ga 80k	\$491.00
Hopper floor and back 1/4" 100k	\$499.00
Hopper floor and back 3/8" 50k	\$605.00
Hopper floor 1/2" 50k, back 1/4" 100k AR200	\$1,220.00
Hopper liner floor and back 1/4" 100k	\$1,238.00
Reinforce hopper floor with additional braces	\$280.00
Tailgate lower side 1/4", 50k	\$406.00
Tailgate lower side 1/4", 80k	\$744.00
Tailgate lower side 1/4", 100k	\$1,149.00
Tailgate lower side liners 7ga, 50k	\$825.00
Tailgate lower side liners 1/4" 100k	\$1,647.00

VEHICLE:	11 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$42,653.00	\$42,653.00	\$42,653.00	\$42,653.00

Slide face 1/4" 50k	\$234.00
Slide face 1/4" 100k	\$386.00
Sweep face 1/4" 100k	\$276.00
Ejection panel face 7ga 50k	\$320.00
Ejection panel face 1/4" 50k	\$638.00
Full body weld inside vs. stitched	\$367.00
Full weld outside center trough	Std
Frame mounted hydraulic tank	\$584.00
Electronic filter by-pass indicator in cab	\$239.00
Hydraulic shut down when filter in by-pass	\$539.00
Hour meter on PTO	\$253.00
High temperature fluid switch	\$467.00
Low fluid level switch	\$462.00
In tank oil heater (110 volt)	\$1,173.00
In cab air controls for tailgate and eject (includes auto tailgate locks)	\$736.00
Remote hook-up with quick disconnects	\$1,042.00
Nylon sleeves on hoses	\$306.00
Viper slide cylinders on Cobra w 2500 PSI (STD on 11,13 yard)	Std
Guards to protect roof hoses/pipes	\$424.00
Quick disconnect pressure port at front valve	Std
Quick connect pressure gauge	\$91.00
Auto lube system (up to 14 points)	\$5,632.00
Turnbuckles	\$367.00
Mud flaps behind rear axles	\$171.00
Mud flaps in front of rear axles	\$171.00
Shovel/broom rack	\$185.00
Steel tool box 18x18x24	\$496.00
Steel tool box 18x18x36	\$580.00
Steel tool box 18x18x46	\$636.00
Steel tool box 18x18x48 <i>correction 24x24x48¹</i>	\$677.00 ¹
Sign brackets 3' x 5' (pair)	\$398.00
Sign brackets 42" x 78" (pair)	\$491.00
Sign brackets 60" x 72" (pair)	\$582.00
Access door 30" x 30"	\$220.00
Access door steps (ladder with handles)	\$347.00
Extra grab handles (set)	\$120.00

VEHICLE:	11 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$42,653.00	\$42,653.00	\$42,653.00	\$42,653.00

Container washout tank 35 gallon	\$1,479.00
Container washout tank 50 gallon	\$1,632.00
Water cooler and bracket	\$242.00
Steps extend length (not compatible with kick bar)	\$403.00
Steps extend width (max 102")	\$357.00
Hopper floor extension (limits fallback into hopper)	\$535.00
Tailgate seal extension (increases seal height)	\$331.00
Cup holder (mounted to side of tailgate)	\$76.00
3 year cylinder warranty (16 to 25 yard Cobra)	\$1,232.00
2 year body warranty	\$1,213.00
3 year body warranty	\$1,892.00
2 year hydraulic warranty	\$1,075.00
3 year hydraulic warranty (excludes cylinders)	\$1,567.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>NEW WAY - 12.6 YARD COBRA REAR LOADER (Specification #95)</u>			
Amick Equipment Co., Inc.	2016 New Way 12.6 Yard Cobra Rear Loader	★Appalachia	\$44,042.00
Amick Equipment Co., Inc.	2016 New Way 12.6 Yard Cobra Rear Loader	★Dogwood	\$44,042.00
Amick Equipment Co., Inc.	2016 New Way 12.6 Yard Cobra Rear Loader	★Cardinal	\$44,042.00
Amick Equipment Co., Inc.	2016 New Way 12.6 Yard Cobra Rear Loader	★Longleaf Pine	\$44,042.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 12.6 YARD COBRA REAR LOADER **SPECIFICATION #95**

2016 New Way 12.6 Yard Cobra Rear Loader

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **MAIN BODY RAILS**

a. C8 x 11.5# Structural Channel

2. **FLOOR**

a. Front .25-50k Rear .25-50K

3. **FLOOR BRACES**

a. 8" Wide; 10GA-50K

4. **CENTER FLOOR BRACES**

a. 8" Wide; 10GA-50K

5. **MOUNTING BRACKETS**

a. Welded to Main Body Rails; 1/2" - A36

6. **EJECTION PANEL TRACKS**

a. C8 x 11.5# Structural Channel Wear Strips

7. **SIDE WALLS**

a. 10GA - 80K

8. **ROOF**

a. 10GA - 80K

9. **REAR FRAME**

a. Formed 6 11/16" x 4 13/16", 1/4" - GR50 Formed + Welded 1/4" GR 50, Sides Upper and Lower

10. **TAILGATE HINGE LUGS**

a. 1" - A36

11. **UPPER BULKHEAD**

a. 10GA - 50K

12. **LOWER BULKHEAD**

a. 1/4" - 50K

13. ACCESS DOOR
 - a. 28" x 23 1/2"
14. UPPER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
15. LOWER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
16. BODY HEIGHT
 - a. 20 Yard - 83"
17. OVERALL HEIGHT WITH TAILGATE RAISED
 - a. 20 Yard - 158"
18. BODY LENGTH
 - a. 20 yard - 245"
19. OVERALL LENGTH WITH TAILGATE RAISED
 - a. 20 yard - 255"
20. INSIDE WIDTH
 - a. 11 - 25 yard - 93"
21. MAX OUTSIDE WIDTH
 - a. 11 - 25 Yard - 96"
22. APPROXIMATE BODY WEIGHT (IN LBS)
 - a. 25 Yard - 12,200lbs
23. BODY CAPACITIES
 - a. 20 Cubic Yard
24. HOPPER CAPACITY
 - a. 20 Cubic Yard Rear Loader - 3 Cubic Yards
25. HOPPER OPENING HEIGHT
 - a. 20RL - 52"
26. HOPPER OPENING WIDTH
 - a. 74"
27. UPPER HOPPER BRACE
 - a. Formed 1/4" - A36
28. HOPPER FLOOR
 - a. 1/4" 50k
29. HOPPER BRACES
 - a. Formed 1/4" 50k
30. TAILGATE SEAL HEIGHT
 - a. 22"

31. LOWER TAILGATE SIDE

a. 7 ga 50k

32. UPPER TAILGATE SIDES

a. 10 ga 50k

33. SLIDE TRACKS

a. Formed 1/4"- 50k

34. SLIDE WEAR STRIPS

a. 1/2" x 2 1/2" A36

35. TAILGATE SIDE BRACES

a. Formed 7GA - 50k

36. FACE SHEET

a. 10GA 50K

37. FACE SHEET BRACES

a. Formed 7 ga 50k

38. LUGS

a. 1" x 4" 1018CFG flat

39. LUG CENTER BRACES

a. Formed 10 GA 50k

40. UPPER SLIDE SHOE

a. 7 1/4" x 1" Lug 6 7/8" x 5 13/16" x 1 3/4" UHMW

41. SLIDE

a. 20RL - 4 1/2" Bore, 43" Stroke, 3" Rod

42. TAILGATE

a. 20RL 4" Bore, 24" Stroke, 1-3/4" Rod

43. EJECTION PANEL

a. 20RL 4 stage 6-1/2" Bore, 114" Stroke

44. MINIMUM GVWR (IN LBS.)

a. 20 - 33,000 lbs

45. RECOMMENDED CAB TO TRUNION

a. 20RL - 138"

46. ADDITIONAL STANDARD EQUIPMENT

- a. Semi auto cycling
- b. Auto back pack
- c. Accelerator kit
- d. Auto lock tailgate
- e. Back-Up alarm
- f. All LED lights
- g. Hydraulic tank temp gauge
- h. Right side hydraulic tank access port

- i. ICC lights and reflectors
- j. Site gauge on oil tank
- k. Oil pressure gauge
- l. Chrome cylinders
- m. Side access door
- n. Driver alert buzzer
- o. Tailgate ajar indicator
- p. Light bar
- q. Bolt on steps on rear
- r. Prime under paint
- s. Rear vision camera

47. TROUGH (YES OR NO)

- a. Yes

48. OPERATING PRESSURE

- a. 2,000 PSI

49. HOSES

- a. 4 to 1 BURST

50. FILTER

- a. 10 micron

51. PUMP FLOW

- a. 29 GPM @ 1,350-1,400 RPM

52. TANK CAPACITY

- a. 45 gallon with 100 mesh 141 micron suction strainer

53. CYLINDER PIN

- a. 1 1/4 OD 1144 Stressproof

54. CYLINDER SUPPORTS

- a. 3/4" A36 Formed 3/8" 50K

55. NOSE

- a. 1/4" A36

56. SHOES

- a. 1 11/16" x 2 1/4" x 12" UHMW qty (8)

57. UPPER FACE SHEET

- a. 10 GA 50K

58. BASE AND SUPPORT STRUCTURE

- a. Formed 1/4" 50K 1/4" X 4" tube 1/4" x 4: flat

59. BRONZE BUSHINGS

- a. 2" ID

60. SWEEP NOSE

- a. 5/8" A36

61. BACKING PLATE

a. 10 ga 50k

62. LOWER SLIDE SHOE

a. 5" x 21" x 5/8" A36 plate 1/2" x 24" x 2 3/4" UHMW

63. UPPER SLIDE CYLINDER PINS

a. 1 1/2" OD 1144 stressproof

64. UPPER SWEEP PINS

a. 1 1/2" OD 1144 stressproof

65. LOWER SWEEP PINS

a. 2" OD 1144 stressproof

66. FACE PLATE

a. 1/4" 50k

67. SWEEP

a. (2) 5" bore, 16" stroke, 2-1/2" rod

68. WARRANTY

- a. 2 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty

69. STEEL OPTIONS

- a. Ejection panel face 10ga 50k
- b. Upper body floor 10ga 80k
- c. Hopper floor and back 1/4" 50k and back 1/4" 100k
- d. Tailgate lower sides 7ga, 50k
- e. Slide face 7ga, 50k

70. HYDRAULICS

- a. Induction hardened slide rods
- b. Induction hardened sweep rods
- c. Zinc clear hydraulic tubes

71. SAFETY DEVICE OPTIONS

- a. Fire extinguisher - 10lb (standard on mounted units)
- b. Triangle Kit (standard on mounted units)



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 12.6 YARD COBRA REAR LOADER SPECIFICATION #95

2016 New Way 12.6 Yard Cobra Rear Loader

The New Way 12.6 Yard Cobra Rear Loader purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$44,042.00	\$44,042.00	\$44,042.00	\$44,042.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	12.6 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$44,042.00	\$44,042.00	\$44,042.00	\$44,042.00

Order Code	Add Options	All Zones
	Installed customer supplied scales (quoted on request)	NA
	Vulcan scale installed (4 point system)	\$11,073.00
	Vulcan scale installed (6 point system)	\$14,230.00
	Loadman scale installed (4 point system)	\$12,378.00
	Loadman scale installed (6 point system)	\$12,841.00
	Pump only	Std
	Manual transmission or automatic transmission (air assist PTO) Gear pump (requires additional solenoid valves for safety interlocks)	\$2,820.00
	Automatic transmission (hot shift) with pump	\$2,082.00
	Automatic transmission (hot shift with overspeed) with pump	\$2,361.00
	Automatic transmission (hot shift with overspeed) with pump, pack on the go	\$2,486.00
	Front mount muncie MLS	\$3,533.00
	Pack at lower RPM gear pump (additional charge) *1,000-1,200 <i>*check with chassis manufacturer for adequate torque @ low RPM. requires New Way approval. ¹</i>	\$770.00 ¹
	Pack at lower RPM vane pump (additional charge) *1,000-1,200 RPM (requires driveline or extension shaft) <i>*check with chassis manufacturer for adequate torque @ low RPM. requires New Way approval. ¹</i>	\$2,346.00 ¹
	<i>*check with chassis manufacturer for adequate torque @ low RPM</i>	NA
	Silent drive 20,000 lb pusher axle with tires	\$10,652.00
	Silent drive 20,000lb pusher axle without tires	\$8,337.00
	Silent drive 13,200 lb pusher axle with tires	\$9,257.00
	Silent drive 13,200 lb pusher axle without tires	\$7,853.00
	9,000 lb tulsa winch with latch kit	\$3,054.00
	12,000 lb tulsa winch with latch kit	\$3,997.00
	12,000 lb bloom winch with latch kit	\$3,997.00
	12,000 lb reeving cylinder with latch kit	\$4,891.00
	Kick bar with latch kit	\$3,572.00
	Kick bar without latch kit	\$3,045.00
	Extra valve section and handle (rear valve for future container handling option)	\$615.00
	Extra valve section (front valve with air actuator)	\$775.00
	Latch kit/trunion guides/ and container stops	\$525.00
	Brace roof and cut out for drum winch for future install	\$352.00
	Extra cable guide on drum winch rearward	\$182.00
	Lower loadsill 3"	\$183.00
	Perkins auto trunion lock	\$5,829.00

VEHICLE:	12.6 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$44,042.00	\$44,042.00	\$44,042.00	\$44,042.00

	*Note - Maximum of 2 valve sections available on rear valve for options	NA
	Perkins cylinder actuated (no other container lifting devices) D6500	\$3,949.00
	Perkins cylinder actuated (with other container lifting devices) D6500 (not compatible with Kick Bar)	\$4,526.00
	Perkins rotary actuated (no other container lifting devices) D6220	\$5,400.00
	Perkins rotary actuated (with other container lifting devices) D6220	\$5,826.00
	Bayne rotary actuated (no other container lifting devices) MBTL180	\$5,095.00
	Bayne rotary actuated (with other container lifting devices) Revolution series	\$5,928.00
	Perkins auto arm lifter (D6098) (not compatible with any other container lifting devices)	\$7,621.00
	Extra valve section with extended handle (rear valve for future cart tipper installation)	\$615.00
	Street side linkage to operate tipper valve section	\$375.00
	Single tap-in-kit (required if more than two (2) container handling/cart tipper options or left side cart tipper)	\$937.00
	Dual tap-in-kit (required if dual tippers, unless street side linkage providing the sections are available)	\$1,105.00
	Extend loadsill and latch kit for future install of cart tipper	\$623.00
	Add hydraulic tubing to tailgate side for future tipper install	\$157.00
	Notch loadsill for tipper with other lifting devices	\$233.00
	LED mid body back-up lights includes up to two (2) lights	\$434.00
	LED work lights two (2) mounted, inside upper tailgate shining in hopper	\$329.00
	LED work lights two (2) mounted, outside upper tailgate shining rearward	\$450.00
	Strobe light (surface mount)	\$295.00
	Strobe light package (integrated strobe system) (2 round lights mounted upper tailgate)	\$461.00
	Strobe light package (integrated strobe system) (2 round lights mounted lower tailgate)	\$461.00
	Strobe light package (integrated strobe system) (2 round lights mounted front of body)	\$542.00
	LED round strobes upper tailgate (2 lights)	\$306.00
	LED round strobes lower tailgate (2 lights)	\$390.00
	LED round strobes at front of body (2 lights)	\$390.00
	LED oval strobes upper tailgate (2 lights)	\$390.00
	LED oval strobes at front of body (2 lights)	\$390.00
	LED 7" round strobes upper tailgate (2 lights)	\$547.00
	Traffic adviser board (not compatible with winches)	\$811.00
	Center mount brake (ID Cluster)	\$85.00
	Brush guards for upper light bar	\$171.00
	Wiring circuit including switch for customer install of lights	\$140.00
	Safety shut down curbside	Std
	Safety shut down streetside	\$151.00

VEHICLE:	12.6 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$44,042.00	\$44,042.00	\$44,042.00	\$44,042.00

Driver alert buzzer curb side	Std
Driver alert buzzer street side	\$102.00
Guard to protect control handles	\$68.00
Back up alarm upgrade 102db	\$75.00
Back up alarm auto volume adjustable	\$148.00
Interlock on front access door	Std
Back up collision avoidance sensor (pre-view)	\$2,298.00
Fire extinguisher - 20lb (upgrade from 10lb) (only available on mounted units only)	\$94.00
5.6" color flat screen with audio	Std
7.0" color flat screen with audio	\$214.00
3rd eye 7.0" color flat screen with audio	\$510.00
Prime Only	Std
Acrylic Urethane Enamel white (9-20RL)	\$1,599.00
Acrylic Urethane Enamel white (25-RL)	NA
Acrylic Urethane Enamel color (9-20RL)	\$2,077.00
Acrylic Urethane Enamel color (25 RL)	NA
Clear coat	\$1,599.00
Two tone or special design (mounted units only) <i>CONSULT FACTORY FOR QUOTE ¹</i>	NA ¹
Body under coating (mounted units only) (applied from frame rails to edge of body and under side of hopper)	\$1,509.00
Riding steps coated with black bed liner material	\$178.00
Prime inside of body (recommended for stock units)	\$383.00
Magnum package - hopper floor 1/4" 100k, tailgate lower sides 1/4" 50k, sweep and slide face 1/4" 80k, upper floor 7ga 50k, lower body floors 3/8" 50k	\$2,127.00
Upper body floor 1/4" 50k from 10ga 80k	\$693.00
Upper body floor 7ga 50k from 10ga 80k	\$491.00
Hopper floor and back 1/4" 100k	\$499.00
Hopper floor and back 3/8" 50k	\$605.00
Hopper floor 1/2" 50k, back 1/4" 100k AR200	\$1,220.00
Hopper liner floor and back 1/4" 100k	\$1,238.00
Reinforce hopper floor with additional braces	\$280.00
Tailgate lower side 1/4", 50k	\$406.00
Tailgate lower side 1/4", 80k	\$744.00
Tailgate lower side 1/4", 100k	\$1,149.00
Tailgate lower side liners 7ga, 50k	\$825.00
Tailgate lower side liners 1/4" 100k	\$1,647.00

VEHICLE:	12.6 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$44,042.00	\$44,042.00	\$44,042.00	\$44,042.00

Slide face 1/4" 50k	\$234.00
Slide face 1/4" 100k	\$386.00
Sweep face 1/4" 100k	\$276.00
Ejection panel face 7ga 50k	\$320.00
Ejection panel face 1/4" 50k	\$638.00
Full body weld inside vs. stitched	\$367.00
Full weld outside center trough	Std
Frame mounted hydraulic tank	\$584.00
Electronic filter by-pass indicator in cab	\$239.00
Hydraulic shut down when filter in by-pass	\$539.00
Hour meter on PTO	\$253.00
High temperature fluid switch	\$467.00
Low fluid level switch	\$462.00
In tank oil heater (110 volt)	\$1,173.00
In cab air controls for tailgate and eject (includes auto tailgate locks)	\$736.00
Remote hook-up with quick disconnects	\$1,042.00
Nylon sleeves on hoses	\$306.00
Viper slide cylinders on Cobra w 2500 PSI (STD on 11,13 yard)	Std
Guards to protect roof hoses/pipes	\$424.00
Quick disconnect pressure port at front valve	Std
Quick connect pressure gauge	\$91.00
Auto lube system (up to 14 points)	\$5,632.00
Turnbuckles	\$367.00
Mud flaps behind rear axles	\$171.00
Mud flaps in front of rear axles	\$171.00
Shovel/broom rack	\$185.00
Steel tool box 18x18x24	\$496.00
Steel tool box 18x18x36	\$580.00
Steel tool box 18x18x46	\$636.00
Steel tool box 18x18x48 <i>correction 24x24x48¹</i>	\$677.00 ¹
Sign brackets 3' x 5' (pair)	\$398.00
Sign brackets 42" x 78" (pair)	\$491.00
Sign brackets 60" x 72" (pair)	\$582.00
Access door 30" x 30"	\$220.00
Access door steps (ladder with handles)	\$347.00
Extra grab handles (set)	\$120.00

VEHICLE:	12.6 Yard Cobra Rear Loader			
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ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$44,042.00	\$44,042.00	\$44,042.00	\$44,042.00

Container washout tank 35 gallon	\$1,479.00
Container washout tank 50 gallon	\$1,632.00
Water cooler and bracket	\$242.00
Steps extend length (not compatible with kick bar)	\$403.00
Steps extend width (max 102")	\$357.00
Hopper floor extension (limits fallback into hopper)	\$535.00
Tailgate seal extension (increases seal height)	\$331.00
Cup holder (mounted to side of tailgate)	\$76.00
3 year cylinder warranty (16 to 25 yard Cobra)	\$1,232.00
2 year body warranty	\$1,213.00
3 year body warranty	\$1,892.00
2 year hydraulic warranty	\$1,075.00
3 year hydraulic warranty (excludes cylinders)	\$1,567.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>NEW WAY - 13 YARD COBRA REAR LOADER (Specification #96)</u>			
Amick Equipment Co., Inc.	2016 New Way 13 Yard Cobra Rear Loader	★Appalachia	\$43,697.00
Amick Equipment Co., Inc.	2016 New Way 13 Yard Cobra Rear Loader	★Dogwood	\$43,697.00
Amick Equipment Co., Inc.	2016 New Way 13 Yard Cobra Rear Loader	★Cardinal	\$43,697.00
Amick Equipment Co., Inc.	2016 New Way 13 Yard Cobra Rear Loader	★Longleaf Pine	\$43,697.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 13 YARD COBRA REAR LOADER **SPECIFICATION #96**

2016 New Way 13 Yard Cobra Rear Loader

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **MAIN BODY RAILS**

a. C8 x 11.5# Structural Channel

2. **FLOOR**

a. Front .25-50k Rear .25-50K

3. **FLOOR BRACES**

a. 8" Wide; 10GA-50K

4. **CENTER FLOOR BRACES**

a. 8" Wide; 10GA-50K

5. **MOUNTING BRACKETS**

a. Welded to Main Body Rails; 1/2" - A36

6. **EJECTION PANEL TRACKS**

a. C8 x 11.5# Structural Channel Wear Strips

7. **SIDE WALLS**

a. 10GA - 80K

8. **ROOF**

a. 10GA - 80K

9. **REAR FRAME**

a. Formed 6 11/16" x 4 13/16", 1/4" - GR50 Formed + Welded 1/4" GR 50, Sides Upper and Lower

10. **TAILGATE HINGE LUGS**

a. 1" - A36

11. **UPPER BULKHEAD**

a. 10GA - 50K

12. **LOWER BULKHEAD**

a. 1/4" - 50K

13. ACCESS DOOR
 - a. 28" x 23 1/2"
14. UPPER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
15. LOWER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
16. BODY HEIGHT
 - a. 20 Yard - 83"
17. OVERALL HEIGHT WITH TAILGATE RAISED
 - a. 20 Yard - 158"
18. BODY LENGTH
 - a. 20 yard - 245"
19. OVERALL LENGTH WITH TAILGATE RAISED
 - a. 20 yard - 255"
20. INSIDE WIDTH
 - a. 11 - 25 yard - 93"
21. MAX OUTSIDE WIDTH
 - a. 11 - 25 Yard - 96"
22. APPROXIMATE BODY WEIGHT (IN LBS)
 - a. 25 Yard - 12,200lbs
23. BODY CAPACITIES
 - a. 20 Cubic Yard
24. HOPPER CAPACITY
 - a. 20 Cubic Yard Rear Loader - 3 Cubic Yards
25. HOPPER OPENING HEIGHT
 - a. 20RL - 52"
26. HOPPER OPENING WIDTH
 - a. 74"
27. UPPER HOPPER BRACE
 - a. Formed 1/4" - A36
28. HOPPER FLOOR
 - a. 1/4" 50k
29. HOPPER BRACES
 - a. Formed 1/4" 50k
30. TAILGATE SEAL HEIGHT
 - a. 22"

31. LOWER TAILGATE SIDE

a. 7 ga 50k

32. UPPER TAILGATE SIDES

a. 10 ga 50k

33. SLIDE TRACKS

a. Formed 1/4"- 50k

34. SLIDE WEAR STRIPS

a. 1/2" x 2 1/2" A36

35. TAILGATE SIDE BRACES

a. Formed 7GA - 50k

36. FACE SHEET

a. 10GA 50K

37. FACE SHEET BRACES

a. Formed 7 ga 50k

38. LUGS

a. 1" x 4" 1018CFG flat

39. LUG CENTER BRACES

a. Formed 10 GA 50k

40. UPPER SLIDE SHOE

a. 7 1/4" x 1" Lug 6 7/8" x 5 13/16" x 1 3/4" UHMW

41. SLIDE

a. 20RL - 4 1/2" Bore, 43" Stroke, 3" Rod

42. TAILGATE

a. 20RL 4" Bore, 24" Stroke, 1-3/4" Rod

43. EJECTION PANEL

a. 20RL 4 stage 6-1/2" Bore, 114" Stroke

44. MINIMUM GVWR (IN LBS.)

a. 20 - 33,000 lbs

45. RECOMMENDED CAB TO TRUNION

a. 20RL - 138"

46. ADDITIONAL STANDARD EQUIPMENT

- a. Semi auto cycling
- b. Auto back pack
- c. Accelerator kit
- d. Auto lock tailgate
- e. Back-Up alarm
- f. All LED lights
- g. Hydraulic tank temp gauge
- h. Right side hydraulic tank access port

- i. ICC lights and reflectors
- j. Site gauge on oil tank
- k. Oil pressure gauge
- l. Chrome cylinders
- m. Side access door
- n. Driver alert buzzer
- o. Tailgate ajar indicator
- p. Light bar
- q. Bolt on steps on rear
- r. Prime under paint
- s. Rear vision camera

47. TROUGH (YES OR NO)

- a. Yes

48. OPERATING PRESSURE

- a. 2,000 PSI

49. HOSES

- a. 4 to 1 BURST

50. FILTER

- a. 10 micron

51. PUMP FLOW

- a. 29 GPM @ 1,350-1,400 RPM

52. TANK CAPACITY

- a. 45 gallon with 100 mesh 141 micron suction strainer

53. CYLINDER PIN

- a. 1 1/4 OD 1144 Stressproof

54. CYLINDER SUPPORTS

- a. 3/4" A36 Formed 3/8" 50K

55. NOSE

- a. 1/4" A36

56. SHOES

- a. 1 11/16" x 2 1/4" x 12" UHMW qty (8)

57. UPPER FACE SHEET

- a. 10 GA 50K

58. BASE AND SUPPORT STRUCTURE

- a. Formed 1/4" 50K 1/4" X 4" tube 1/4" x 4: flat

59. BRONZE BUSHINGS

- a. 2" ID

60. SWEEP NOSE

- a. 5/8" A36

61. BACKING PLATE

a. 10 ga 50k

62. LOWER SLIDE SHOE

a. 5" x 21" x 5/8" A36 plate 1/2" x 24" x 2 3/4" UHMW

63. UPPER SLIDE CYLINDER PINS

a. 1 1/2" OD 1144 stressproof

64. UPPER SWEEP PINS

a. 1 1/2" OD 1144 stressproof

65. LOWER SWEEP PINS

a. 2" OD 1144 stressproof

66. FACE PLATE

a. 1/4" 50k

67. SWEEP

a. (2) 5" bore, 16" stroke, 2-1/2" rod

68. WARRANTY

- a. 2 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty

69. STEEL OPTIONS

- a. Ejection panel face 10ga 50k
- b. Upper body floor 10ga 80k
- c. Hopper floor and back 1/4" 50k and back 1/4" 100k
- d. Tailgate lower sides 7ga, 50k
- e. Slide face 7ga, 50k

70. HYDRAULICS

- a. Induction hardened slide rods
- b. Induction hardened sweep rods
- c. Zinc clear hydraulic tubes

71. SAFETY DEVICE OPTIONS

- a. Fire extinguisher - 10lb (standard on mounted units)
- b. Triangle Kit (standard on mounted units)



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 13 YARD COBRA REAR LOADER SPECIFICATION #96

2016 New Way 13 Yard Cobra Rear Loader

The New Way 13 Yard Cobra Rear Loader purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$43,697.00	\$43,697.00	\$43,697.00	\$43,697.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	13 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$43,697.00	\$43,697.00	\$43,697.00	\$43,697.00

Order Code	Add Options	All Zones
	Installed customer supplied scales (quoted on request)	NA
	Vulcan scale installed (4 point system)	\$11,073.00
	Vulcan scale installed (6 point system)	\$14,230.00
	Loadman scale installed (4 point system)	\$12,378.00
	Loadman scale installed (6 point system)	\$12,841.00
	Pump only	Std
	Manual transmission or automatic transmission (air assist PTO) Gear pump (requires additional solenoid valves for safety interlocks)	\$2,820.00
	Automatic transmission (hot shift) with pump	\$2,082.00
	Automatic transmission (hot shift with overspeed) with pump	\$2,361.00
	Automatic transmission (hot shift with overspeed) with pump, pack on the go	\$2,486.00
	Front mount muncie MLS	\$3,533.00
	Pack at lower RPM gear pump (additional charge) *1,000-1,200 <i>*check with chassis manufacturer for adequate torque @ low RPM. New Way must approve chassis spec. 1</i>	\$770.00 ¹
	Pack at lower RPM vane pump (additional charge) *1,000-1,200 RPM (requires driveline or extension shaft) <i>*check with chassis manufacturer for adequate torque @ low RPM. New Way must approve chassis spec. 1</i>	\$2,346.00 ¹
	<i>*check with chassis manufacturer for adequate torque @ low RPM</i>	NA
	Silent drive 20,000 lb pusher axle with tires	\$10,652.00
	Silent drive 20,000lb pusher axle without tires	\$8,337.00
	Silent drive 13,200 lb pusher axle with tires	\$9,257.00
	Silent drive 13,200 lb pusher axle without tires	\$7,853.00
	9,000 lb tulsa winch with latch kit	\$3,054.00
	12,000 lb tulsa winch with latch kit	\$3,997.00
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	Kick bar with latch kit	\$3,572.00
	Kick bar without latch kit	\$3,045.00
	Extra valve section and handle (rear valve for future container handling option)	\$615.00
	Extra valve section (front valve with air actuator)	\$775.00
	Latch kit/trunion guides/ and container stops	\$525.00
	Brace roof and cut out for drum winch for future install	\$352.00
	Extra cable guide on drum winch rearward	\$182.00
	Lower loadsill 3"	\$183.00
	Perkins auto trunion lock	\$5,829.00

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ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$43,697.00	\$43,697.00	\$43,697.00	\$43,697.00

*Note - Maximum of 2 valve sections available on rear valve for options	NA
Perkins cylinder actuated (no other container lifting devices) D6500	\$3,949.00
Perkins cylinder actuated (with other container lifting devices) D6500 (not compatible with Kick Bar)	\$4,526.00
Perkins rotary actuated (no other container lifting devices) D6220	\$5,400.00
Perkins rotary actuated (with other container lifting devices) D6220	\$5,826.00
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Bayne rotary actuated (with other container lifting devices) Revolution series	\$5,928.00
Perkins auto arm lifter (D6098) (not compatible with any other container lifting devices)	\$7,621.00
Extra valve section with extended handle (rear valve for future cart tipper installation)	\$615.00
Street side linkage to operate tipper valve section	\$375.00
Single tap-in-kit (required if more than two (2) container handling/cart tipper options or left side cart tipper)	\$937.00
Dual tap-in-kit (required if dual tippers, unless street side linkage providing the sections are available)	\$1,105.00
Extend loadsill and latch kit for future install of cart tipper	\$623.00
Add hydraulic tubing to tailgate side for future tipper install	\$157.00
Notch loadsill for tipper with other lifting devices	\$233.00
LED mid body back-up lights includes up to two (2) lights	\$434.00
LED work lights two (2) mounted, inside upper tailgate shining in hopper	\$329.00
LED work lights two (2) mounted, outside upper tailgate shining rearward	\$450.00
Strobe light (surface mount)	\$295.00
Strobe light package (integrated strobe system) (2 round lights mounted upper tailgate)	\$461.00
Strobe light package (integrated strobe system) (2 round lights mounted lower tailgate)	\$461.00
Strobe light package (integrated strobe system) (2 round lights mounted front of body)	\$542.00
LED round strobes upper tailgate (2 lights)	\$306.00
LED round strobes lower tailgate (2 lights)	\$390.00
LED round strobes at front of body (2 lights)	\$390.00
LED oval strobes upper tailgate (2 lights)	\$390.00
LED oval strobes at front of body (2 lights)	\$390.00
LED 7" round strobes upper tailgate (2 lights)	\$547.00
Traffic adviser board (not compatible with winches)	\$811.00
Center mount brake (ID Cluster)	\$85.00
Brush guards for upper light bar	\$171.00
Wiring circuit including switch for customer install of lights	\$140.00
Safety shut down curbside	Std
Safety shut down streetside	\$151.00

VEHICLE:	13 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$43,697.00	\$43,697.00	\$43,697.00	\$43,697.00

Driver alert buzzer curb side	Std
Driver alert buzzer street side	\$102.00
Guard to protect control handles	\$68.00
Back up alarm upgrade 102db	\$75.00
Back up alarm auto volume adjustable	\$148.00
Interlock on front access door	Std
Back up collision avoidance sensor (pre-view)	\$2,298.00
Fire extinguisher - 20lb (upgrade from 10lb) (only available on mounted units only)	\$94.00
5.6" color flat screen with audio	Std
7.0" color flat screen with audio	\$214.00
3rd eye 7.0" color flat screen with audio	\$510.00
Prime Only	Std
Acrylic Urethane Enamel white (9-20RL)	\$1,599.00
Acrylic Urethane Enamel white (25-RL)	NA
Acrylic Urethane Enamel color (9-20RL)	\$2,077.00
Acrylic Urethane Enamel color (25 RL)	NA
Clear coat	\$1,599.00
Two tone or special design (mounted units only) <i>consult factory for price quote</i> ¹	NA ¹
Body under coating (mounted units only) (applied from frame rails to edge of body and under side of hopper)	\$1,509.00
Riding steps coated with black bed liner material	\$178.00
Prime inside of body (recommended for stock units)	\$383.00
Magnum package - hopper floor 1/4" 100k, tailgate lower sides 1/4" 50k, sweep and slide face 1/4" 80k, upper floor 7ga 50k, lower body floors 3/8" 50k	\$2,127.00
Upper body floor 1/4" 50k from 10ga 80k	\$693.00
Upper body floor 7ga 50k from 10ga 80k	\$491.00
Hopper floor and back 1/4" 100k	\$499.00
Hopper floor and back 3/8" 50k	\$695.00
Hopper floor 1/2" 50k, back 1/4" 100k AR200	\$1,220.00
Hopper liner floor and back 1/4" 100k	\$1,238.00
Reinforce hopper floor with additional braces	\$280.00
Tailgate lower side 1/4", 50k	\$406.00
Tailgate lower side 1/4", 80k	\$744.00
Tailgate lower side 1/4", 100k	\$1,149.00
Tailgate lower side liners 7ga, 50k	\$825.00
Tailgate lower side liners 1/4" 100k	\$1,647.00

VEHICLE:	13 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$43,697.00	\$43,697.00	\$43,697.00	\$43,697.00

Slide face 1/4" 50k	\$234.00
Slide face 1/4" 100k	\$386.00
Sweep face 1/4" 100k	\$276.00
Ejection panel face 7ga 50k	\$320.00
Ejection panel face 1/4" 50k	\$638.00
Full body weld inside vs. stitched	\$367.00
Full weld outside center trough	Std
Frame mounted hydraulic tank	\$584.00
Electronic filter by-pass indicator in cab	\$239.00
Hydraulic shut down when filter in by-pass	\$539.00
Hour meter on PTO	\$253.00
High temperature fluid switch	\$467.00
Low fluid level switch	\$462.00
In tank oil heater (110 volt)	\$1,173.00
In cab air controls for tailgate and eject (includes auto tailgate locks)	\$736.00
Remote hook-up with quick disconnects	\$1,042.00
Nylon sleeves on hoses	\$306.00
Viper slide cylinders on Cobra w 2500 PSI (STD on 11,13 yard)	Std
Guards to protect roof hoses/pipes	\$424.00
Quick disconnect pressure port at front valve	Std
Quick connect pressure gauge	\$91.00
Auto lube system (up to 14 points)	\$5,632.00
Turnbuckles	\$367.00
Mud flaps behind rear axles	\$171.00
Mud flaps in front of rear axles	\$171.00
Shovel/broom rack	\$185.00
Steel tool box 18x18x24	\$496.00
Steel tool box 18x18x36	\$580.00
Steel tool box 18x18x46	\$636.00
Steel tool box 18x18x48 <i>correction 24x24x48¹</i>	\$677.00 ¹
Sign brackets 3' x 5' (pair)	\$398.00
Sign brackets 42" x 78" (pair)	\$491.00
Sign brackets 60" x 72" (pair)	\$582.00
Access door 30" x 30"	\$220.00
Access door steps (ladder with handles)	\$347.00
Extra grab handles (set)	\$120.00

VEHICLE:	13 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$43,697.00	\$43,697.00	\$43,697.00	\$43,697.00

Container washout tank 35 gallon	\$1,479.00
Container washout tank 50 gallon	\$1,632.00
Water cooler and bracket	\$242.00
Steps extend length (not compatible with kick bar)	\$403.00
Steps extend width (max 102")	\$357.00
Hopper floor extension (limits fallback into hopper)	\$535.00
Tailgate seal extension (increases seal height)	\$331.00
Cup holder (mounted to side of tailgate)	\$76.00
3 year cylinder warranty (16 to 25 yard Cobra)	\$1,232.00
2 year body warranty	\$1,213.00
3 year body warranty	\$1,892.00
2 year hydraulic warranty	\$1,075.00
3 year hydraulic warranty (excludes cylinders)	\$1,567.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>NEW WAY - 16 YARD COBRA REAR LOADER (Specification #97)</u>			
Amick Equipment Co., Inc.	2016 New Way 16 Yard Cobra Rear Loader	★Appalachia	\$45,351.00
Amick Equipment Co., Inc.	2016 New Way 16 Yard Cobra Rear Loader	★Dogwood	\$45,351.00
Amick Equipment Co., Inc.	2016 New Way 16 Yard Cobra Rear Loader	★Cardinal	\$45,351.00
Amick Equipment Co., Inc.	2016 New Way 16 Yard Cobra Rear Loader	★Longleaf Pine	\$45,351.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 16 YARD COBRA REAR LOADER **SPECIFICATION #97**

2016 New Way 16 Yard Cobra Rear Loader

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **MAIN BODY RAILS**

a. C8 x 11.5# Structural Channel

2. **FLOOR**

a. Front .25-50k Rear .25-50K

3. **FLOOR BRACES**

a. 8" Wide; 10GA-50K

4. **CENTER FLOOR BRACES**

a. 8" Wide; 10GA-50K

5. **MOUNTING BRACKETS**

a. Welded to Main Body Rails; 1/2" - A36

6. **EJECTION PANEL TRACKS**

a. C8 x 11.5# Structural Channel Wear Strips

7. **SIDE WALLS**

a. 10GA - 80K

8. **ROOF**

a. 10GA - 80K

9. **REAR FRAME**

a. Formed 6 11/16" x 4 13/16", 1/4" - GR50 Formed + Welded 1/4" GR 50, Sides Upper and Lower

10. **TAILGATE HINGE LUGS**

a. 1" - A36

11. **UPPER BULKHEAD**

a. 10GA - 50K

12. **LOWER BULKHEAD**

a. 1/4" - 50K

13. ACCESS DOOR
 - a. 28" x 23 1/2"
14. UPPER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
15. LOWER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
16. BODY HEIGHT
 - a. 20 Yard - 83"
17. OVERALL HEIGHT WITH TAILGATE RAISED
 - a. 20 Yard - 158"
18. BODY LENGTH
 - a. 20 yard - 245"
19. OVERALL LENGTH WITH TAILGATE RAISED
 - a. 20 yard - 255"
20. INSIDE WIDTH
 - a. 11 - 25 yard - 93"
21. MAX OUTSIDE WIDTH
 - a. 11 - 25 Yard - 96"
22. APPROXIMATE BODY WEIGHT (IN LBS)
 - a. 25 Yard - 12,200lbs
23. BODY CAPACITIES
 - a. 20 Cubic Yard
24. HOPPER CAPACITY
 - a. 20 Cubic Yard Rear Loader - 3 Cubic Yards
25. HOPPER OPENING HEIGHT
 - a. 20RL - 52"
26. HOPPER OPENING WIDTH
 - a. 74"
27. UPPER HOPPER BRACE
 - a. Formed 1/4" - A36
28. HOPPER FLOOR
 - a. 1/4" 50k
29. HOPPER BRACES
 - a. Formed 1/4" 50k
30. TAILGATE SEAL HEIGHT
 - a. 22"

31. LOWER TAILGATE SIDE

a. 7 ga 50k

32. UPPER TAILGATE SIDES

a. 10 ga 50k

33. SLIDE TRACKS

a. Formed 1/4"- 50k

34. SLIDE WEAR STRIPS

a. 1/2" x 2 1/2" A36

35. TAILGATE SIDE BRACES

a. Formed 7GA - 50k

36. FACE SHEET

a. 10GA 50K

37. FACE SHEET BRACES

a. Formed 7 ga 50k

38. LUGS

a. 1" x 4" 1018CFG flat

39. LUG CENTER BRACES

a. Formed 10 GA 50k

40. UPPER SLIDE SHOE

a. 7 1/4" x 1" Lug 6 7/8" x 5 13/16" x 1 3/4" UHMW

41. SLIDE

a. 20RL - 4 1/2" Bore, 43" Stroke, 3" Rod

42. TAILGATE

a. 20RL 4" Bore, 24" Stroke, 1-3/4" Rod

43. EJECTION PANEL

a. 20RL 4 stage 6-1/2" Bore, 114" Stroke

44. MINIMUM GVWR (IN LBS.)

a. 20 - 33,000 lbs

45. RECOMMENDED CAB TO TRUNION

a. 20RL - 138"

46. ADDITIONAL STANDARD EQUIPMENT

- a. Semi auto cycling
- b. Auto back pack
- c. Accelerator kit
- d. Auto lock tailgate
- e. Back-Up alarm
- f. All LED lights
- g. Hydraulic tank temp gauge
- h. Right side hydraulic tank access port

- i. ICC lights and reflectors
- j. Site gauge on oil tank
- k. Oil pressure gauge
- l. Chrome cylinders
- m. Side access door
- n. Driver alert buzzer
- o. Tailgate ajar indicator
- p. Light bar
- q. Bolt on steps on rear
- r. Prime under paint
- s. Rear vision camera

47. TROUGH (YES OR NO)

- a. Yes

48. OPERATING PRESSURE

- a. 2,000 PSI

49. HOSES

- a. 4 to 1 BURST

50. FILTER

- a. 10 micron

51. PUMP FLOW

- a. 29 GPM @ 1,350-1,400 RPM

52. TANK CAPACITY

- a. 45 gallon with 100 mesh 141 micron suction strainer

53. CYLINDER PIN

- a. 1 1/4 OD 1144 Stressproof

54. CYLINDER SUPPORTS

- a. 3/4" A36 Formed 3/8" 50K

55. NOSE

- a. 1/4" A36

56. SHOES

- a. 1 11/16" x 2 1/4" x 12" UHMW qty (8)

57. UPPER FACE SHEET

- a. 10 GA 50K

58. BASE AND SUPPORT STRUCTURE

- a. Formed 1/4" 50K 1/4" X 4" tube 1/4" x 4: flat

59. BRONZE BUSHINGS

- a. 2" ID

60. SWEEP NOSE

- a. 5/8" A36

61. BACKING PLATE

a. 10 ga 50k

62. LOWER SLIDE SHOE

a. 5" x 21" x 5/8" A36 plate 1/2" x 24" x 2 3/4" UHMW

63. UPPER SLIDE CYLINDER PINS

a. 1 1/2" OD 1144 stressproof

64. UPPER SWEEP PINS

a. 1 1/2" OD 1144 stressproof

65. LOWER SWEEP PINS

a. 2" OD 1144 stressproof

66. FACE PLATE

a. 1/4" 50k

67. SWEEP

a. (2) 5" bore, 16" stroke, 2-1/2" rod

68. WARRANTY

- a. 2 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty

69. STEEL OPTIONS

- a. Ejection panel face 10ga 50k
- b. Upper body floor 10ga 80k
- c. Hopper floor and back 1/4" 50k and back 1/4" 100k
- d. Tailgate lower sides 7ga, 50k
- e. Slide face 7ga, 50k

70. HYDRAULICS

- a. Induction hardened slide rods
- b. Induction hardened sweep rods
- c. Zinc clear hydraulic tubes

71. SAFETY DEVICE OPTIONS

- a. Fire extinguisher - 10lb (standard on mounted units)
- b. Triangle Kit (standard on mounted units)



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 16 YARD COBRA REAR LOADER SPECIFICATION #97

2016 New Way 16 Yard Cobra Rear Loader

The New Way 16 Yard Cobra Rear Loader purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$45,351.00	\$45,351.00	\$45,351.00	\$45,351.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	16 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$45,351.00	\$45,351.00	\$45,351.00	\$45,351.00

Order Code	Add Options	All Zones
	Installed customer supplied scales (quoted on request)	NA
	Vulcan scale installed (4 point system)	\$11,073.00
	Vulcan scale installed (6 point system)	\$14,320.00
	Loadman scale installed (4 point system)	\$12,378.00
	Loadman scale installed (6 point system)	\$12,841.00
	Pump only	Std
	Manual transmission or automatic transmission (air assist PTO) Gear pump (requires additional solenoid valves for safety interlocks)	\$2,820.00
	Automatic transmission (hot shift) with pump	\$2,082.00
	Automatic transmission (hot shift with overspeed) with pump	\$2,361.00
	Automatic transmission (hot shift with overspeed) with pump, pack on the go	\$2,486.00
	Front mount muncie MLS	\$3,533.00
	Pack at lower RPM gear pump (additional charge) *1,000-1,200 <i>check with chassis manufacturer for adequate torque @ low RPM. New Way must approve chassis. ¹</i>	\$770.00 ¹
	Pack at lower RPM vane pump (additional charge) *1,000-1,200 RPM (requires driveline or extension shaft) <i>check with chassis manufacturer for adequate torque @ low RPM. New Way must approve chassis. ¹</i>	\$2,346.00 ¹
	*check with chassis manufacturer for adequate torque @ low RPM	NA
	Silent drive 20,000 lb pusher axle with tires	\$10,652.00
	Silent drive 20,000lb pusher axle without tires	\$8,337.00
	Silent drive 13,200 lb pusher axle with tires	\$9,257.00
	Silent drive 13,200 lb pusher axle without tires	\$7,853.00
	9,000 lb tulsa winch with latch kit	\$3,054.00
	12,000 lb tulsa winch with latch kit	\$3,997.00
	12,000 lb bloom winch with latch kit	\$3,997.00
	12,000 lb reeving cylinder with latch kit	\$4,891.00
	Kick bar with latch kit	\$3,572.00
	Kick bar without latch kit	\$3,045.00
	Extra valve section and handle (rear valve for future container handling option)	\$615.00
	Extra valve section (front valve with air actuator)	\$775.00
	Latch kit/trunion guides/ and container stops	\$525.00
	Brace roof and cut out for drum winch for future install	\$352.00
	Extra cable guide on drum winch rearward	\$182.00
	Lower loadsill 3"	\$183.00
	Perkins auto trunion lock	\$5,829.00

VEHICLE:	16 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$45,351.00	\$45,351.00	\$45,351.00	\$45,351.00

*Note - Maximum of 2 valve sections available on rear valve for options	NA
Perkins cylinder actuated (no other container lifting devices) D6500	\$3,949.00
Perkins cylinder actuated (with other container lifting devices) D6500 (not compatible with Kick Bar)	\$4,526.00
Perkins rotary actuated (no other container lifting devices) D6220	\$5,400.00
Perkins rotary actuated (with other container lifting devices) D6220	\$5,826.00
Bayne rotary actuated (no other container lifting devices) MBTL180	\$5,095.00
Bayne rotary actuated (with other container lifting devices) Revolution series	\$5,928.00
Perkins auto arm lifter (D6098) (not compatible with any other container lifting devices)	\$7,621.00
Extra valve section with extended handle (rear valve for future cart tipper installation)	\$615.00
Street side linkage to operate tipper valve section	\$375.00
Single tap-in-kit (required if more than two (2) container handling/cart tipper options or left side cart tipper)	\$937.00
Dual tap-in-kit (required if dual tippers, unless street side linkage providing the sections are available)	\$1,105.00
Extend loadsill and latch kit for future install of cart tipper	\$623.00
Add hydraulic tubing to tailgate side for future tipper install	\$157.00
Notch loadsill for tipper with other lifting devices	\$233.00
LED mid body back-up lights includes up to two (2) lights	\$434.00
LED work lights two (2) mounted, inside upper tailgate shining in hopper	\$329.00
LED work lights two (2) mounted, outside upper tailgate shining rearward	\$450.00
Strobe light (surface mount)	\$295.00
Strobe light package (integrated strobe system) (2 round lights mounted upper tailgate)	\$461.00
Strobe light package (integrated strobe system) (2 round lights mounted lower tailgate)	\$461.00
Strobe light package (integrated strobe system) (2 round lights mounted front of body)	\$542.00
LED round strobes upper tailgate (2 lights)	\$306.00
LED round strobes lower tailgate (2 lights)	\$390.00
LED round strobes at front of body (2 lights)	\$390.00
LED oval strobes upper tailgate (2 lights)	\$390.00
LED oval strobes at front of body (2 lights)	\$390.00
LED 7" round strobes upper tailgate (2 lights)	\$547.00
Traffic adviser board (not compatible with winches)	\$811.00
Center mount brake (ID Cluster)	\$85.00
Brush guards for upper light bar	\$171.00
Wiring circuit including switch for customer install of lights	\$140.00
Safety shut down curbside	Std
Safety shut down streetside	\$151.00

VEHICLE:	16 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$45,351.00	\$45,351.00	\$45,351.00	\$45,351.00

Driver alert buzzer curb side	Std
Driver alert buzzer street side	\$102.00
Guard to protect control handles	\$68.00
Back up alarm upgrade 102db	\$75.00
Back up alarm auto volume adjustable	\$148.00
Interlock on front access door	Std
Back up collision avoidance sensor (pre-view)	\$2,298.00
Fire extinguisher - 20lb (upgrade from 10lb) (only available on mounted units only)	\$94.00
5.6" color flat screen with audio	Std
7.0" color flat screen with audio	\$214.00
3rd eye 7.0" color flat screen with audio	\$510.00
Prime Only	Std
Acrylic Urethane Enamel white (9-20RL)	\$1,599.00
Acrylic Urethane Enamel white (25-RL)	NA
Acrylic Urethane Enamel color (9-20RL)	\$2,077.00
Acrylic Urethane Enamel color (25 RL)	NA
Clear coat	\$1,599.00
Two tone or special design (mounted units only) <i>consult factory for quote</i> ¹	NA ¹
Body under coating (mounted units only) (applied from frame rails to edge of body and under side of hopper)	\$1,509.00
Riding steps coated with black bed liner material	\$178.00
Prime inside of body (recommended for stock units)	\$383.00
Magnum package - hopper floor 1/4" 100k, tailgate lower sides 1/4" 50k, sweep and slide face 1/4" 80k, upper floor 7ga 50k, lower body floors 3/8" 50k	\$2,127.00
Upper body floor 1/4" 50k from 10ga 80k	\$693.00
Upper body floor 7ga 50k from 10ga 80k	\$491.00
Hopper floor and back 1/4" 100k	\$499.00
Hopper floor and back 3/8" 50k	\$694.00
Hopper floor 1/2" 50k, back 1/4" 100k AR200	\$1,220.00
Hopper liner floor and back 1/4" 100k	\$1,238.00
Reinforce hopper floor with additional braces	\$280.00
Tailgate lower side 1/4", 50k	\$406.00
Tailgate lower side 1/4", 80k	\$744.00
Tailgate lower side 1/4", 100k	\$1,149.00
Tailgate lower side liners 7ga, 50k	\$825.00
Tailgate lower side liners 1/4" 100k	\$1,647.00

VEHICLE:	16 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$45,351.00	\$45,351.00	\$45,351.00	\$45,351.00

Slide face 1/4" 50k	\$234.00
Slide face 1/4" 100k	\$386.00
Sweep face 1/4" 100k	\$276.00
Ejection panel face 7ga 50k	\$320.00
Ejection panel face 1/4" 50k	\$638.00
Full body weld inside vs. stitched	\$367.00
Full weld outside center trough	Std
Frame mounted hydraulic tank	\$584.00
Electronic filter by-pass indicator in cab	\$239.00
Hydraulic shut down when filter in by-pass	\$539.00
Hour meter on PTO	\$253.00
High temperature fluid switch	\$467.00
Low fluid level switch	\$462.00
In tank oil heater (110 volt)	\$1,173.00
In cab air controls for tailgate and eject (includes auto tailgate locks)	\$736.00
Remote hook-up with quick disconnects	\$1,042.00
Nylon sleeves on hoses	\$306.00
Viper slide cylinders on Cobra w 2500 PSI (STD on 11,13 yard)	\$472.00
Guards to protect roof hoses/pipes	\$424.00
Quick disconnect pressure port at front valve	Std
Quick connect pressure gauge	\$91.00
Auto lube system (up to 14 points)	\$5,632.00
Turnbuckles	\$367.00
Mud flaps behind rear axles	\$171.00
Mud flaps in front of rear axles	\$171.00
Shovel/broom rack	\$185.00
Steel tool box 18x18x24	\$496.00
Steel tool box 18x18x36	\$580.00
Steel tool box 18x18x46	\$636.00
Steel tool box 18x18x48 <i>correction 24x24x48¹</i>	\$677.00 ¹
Sign brackets 3' x 5' (pair)	\$398.00
Sign brackets 42" x 78" (pair)	\$491.00
Sign brackets 60" x 72" (pair)	\$582.00
Access door 30" x 30"	\$220.00
Access door steps (ladder with handles)	\$347.00
Extra grab handles (set)	\$120.00

VEHICLE:	16 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$45,351.00	\$45,351.00	\$45,351.00	\$45,351.00

Container washout tank 35 gallon	\$1,479.00
Container washout tank 50 gallon	\$1,632.00
Water cooler and bracket	\$242.00
Steps extend length (not compatible with kick bar)	\$403.00
Steps extend width (max 102")	\$357.00
Hopper floor extension (limits fallback into hopper)	\$535.00
Tailgate seal extension (increases seal height)	\$331.00
Cup holder (mounted to side of tailgate)	\$76.00
3 year cylinder warranty (16 to 25 yard Cobra)	\$1,232.00
2 year body warranty	\$1,213.00
3 year body warranty	\$1,892.00
2 year hydraulic warranty	\$1,075.00
3 year hydraulic warranty (excludes cylinders)	\$1,567.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>NEW WAY - 16 YARD COBRA-NARROW REAR LOADER (Specification #98)</u>			
Amick Equipment Co., Inc.	2016 New Way 16 Yard Cobra-Narrow Rear Loader	★Appalachia	\$47,273.00
Amick Equipment Co., Inc.	2016 New Way 16 Yard Cobra-Narrow Rear Loader	★Dogwood	\$47,273.00
Amick Equipment Co., Inc.	2016 New Way 16 Yard Cobra-Narrow Rear Loader	★Cardinal	\$47,273.00
Amick Equipment Co., Inc.	2016 New Way 16 Yard Cobra-Narrow Rear Loader	★Longleaf Pine	\$47,273.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 16 YARD COBRA-NARROW REAR LOADER

SPECIFICATION #98

2016 New Way 16 Yard Cobra-Narrow Rear Loader

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. MAIN BODY RAILS
 - a. C8 x 11.5# Structural Channel
2. FLOOR
 - a. Front .25-50k Rear .25-50K
3. FLOOR BRACES
 - a. 8" Wide; 10GA-50K
4. CENTER FLOOR BRACES
 - a. 8" Wide; 10GA-50K
5. MOUNTING BRACKETS
 - a. Welded to Main Body Rails; 1/2" - A36
6. EJECTION PANEL TRACKS
 - a. C8 x 11.5# Structural Channel Wear Strips
7. SIDE WALLS
 - a. 10GA - 80K
8. ROOF
 - a. 10GA - 80K
9. REAR FRAME
 - a. Formed 6 11/16" x 4 13/16", 1/4" - GR50 Formed + Welded 1/4" GR 50, Sides Upper and Lower
10. TAILGATE HINGE LUGS
 - a. 1" - A36
11. UPPER BULKHEAD
 - a. 10GA - 50K
12. LOWER BULKHEAD
 - a. 1/4" - 50K

13. ACCESS DOOR
 - a. 28" x 23 1/2"
14. UPPER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
15. LOWER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
16. BODY HEIGHT
 - a. 20 Yard - 83"
17. OVERALL HEIGHT WITH TAILGATE RAISED
 - a. 20 Yard - 158"
18. BODY LENGTH
 - a. 20 yard - 245"
19. OVERALL LENGTH WITH TAILGATE RAISED
 - a. 20 yard - 255"
20. INSIDE WIDTH
 - a. 11 - 25 yard - 93"
21. MAX OUTSIDE WIDTH
 - a. 11 - 25 Yard - 96"
22. APPROXIMATE BODY WEIGHT (IN LBS)
 - a. 25 Yard - 12,200lbs
23. BODY CAPACITIES
 - a. 20 Cubic Yard
24. HOPPER CAPACITY
 - a. 20 Cubic Yard Rear Loader - 3 Cubic Yards
25. HOPPER OPENING HEIGHT
 - a. 20RL - 52"
26. HOPPER OPENING WIDTH
 - a. 74"
27. UPPER HOPPER BRACE
 - a. Formed 1/4" - A36
28. HOPPER FLOOR
 - a. 1/4" 50k
29. HOPPER BRACES
 - a. Formed 1/4" 50k
30. TAILGATE SEAL HEIGHT
 - a. 22"

31. LOWER TAILGATE SIDE

a. 7 ga 50k

32. UPPER TAILGATE SIDES

a. 10 ga 50k

33. SLIDE TRACKS

a. Formed 1/4"- 50k

34. SLIDE WEAR STRIPS

a. 1/2" x 2 1/2" A36

35. TAILGATE SIDE BRACES

a. Formed 7GA - 50k

36. FACE SHEET

a. 10GA 50K

37. FACE SHEET BRACES

a. Formed 7 ga 50k

38. LUGS

a. 1" x 4" 1018CFG flat

39. LUG CENTER BRACES

a. Formed 10 GA 50k

40. UPPER SLIDE SHOE

a. 7 1/4" x 1" Lug 6 7/8" x 5 13/16" x 1 3/4" UHMW

41. SLIDE

a. 20RL - 4 1/2" Bore, 43" Stroke, 3" Rod

42. TAILGATE

a. 20RL 4" Bore, 24" Stroke, 1-3/4" Rod

43. EJECTION PANEL

a. 20RL 4 stage 6-1/2" Bore, 114" Stroke

44. MINIMUM GVWR (IN LBS.)

a. 20 - 33,000 lbs

45. RECOMMENDED CAB TO TRUNION

a. 20RL - 138"

46. ADDITIONAL STANDARD EQUIPMENT

- a. Semi auto cycling
- b. Auto back pack
- c. Accelerator kit
- d. Auto lock tailgate
- e. Back-Up alarm
- f. All LED lights
- g. Hydraulic tank temp gauge
- h. Right side hydraulic tank access port

- i. ICC lights and reflectors
- j. Site gauge on oil tank
- k. Oil pressure gauge
- l. Chrome cylinders
- m. Side access door
- n. Driver alert buzzer
- o. Tailgate ajar indicator
- p. Light bar
- q. Bolt on steps on rear
- r. Prime under paint
- s. Rear vision camera

47. TROUGH (YES OR NO)

- a. Yes

48. OPERATING PRESSURE

- a. 2,000 PSI

49. HOSES

- a. 4 to 1 BURST

50. FILTER

- a. 10 micron

51. PUMP FLOW

- a. 29 GPM @ 1,350-1,400 RPM

52. TANK CAPACITY

- a. 45 gallon with 100 mesh 141 micron suction strainer

53. CYLINDER PIN

- a. 1 1/4 OD 1144 Stressproof

54. CYLINDER SUPPORTS

- a. 3/4" A36 Formed 3/8" 50K

55. NOSE

- a. 1/4" A36

56. SHOES

- a. 1 11/16" x 2 1/4" x 12" UHMW qty (8)

57. UPPER FACE SHEET

- a. 10 GA 50K

58. BASE AND SUPPORT STRUCTURE

- a. Formed 1/4" 50K 1/4" X 4" tube 1/4" x 4: flat

59. BRONZE BUSHINGS

- a. 2" ID

60. SWEEP NOSE

- a. 5/8" A36

61. BACKING PLATE

a. 10 ga 50k

62. LOWER SLIDE SHOE

a. 5" x 21" x 5/8" A36 plate 1/2" x 24" x 2 3/4" UHMW

63. UPPER SLIDE CYLINDER PINS

a. 1 1/2" OD 1144 stressproof

64. UPPER SWEEP PINS

a. 1 1/2" OD 1144 stressproof

65. LOWER SWEEP PINS

a. 2" OD 1144 stressproof

66. FACE PLATE

a. 1/4" 50k

67. SWEEP

a. (2) 5" bore, 16" stroke, 2-1/2" rod

68. WARRANTY

- a. 2 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty

69. STEEL OPTIONS

- a. Ejection panel face 10ga 50k
- b. Upper body floor 10ga 80k
- c. Hopper floor and back 1/4" 50k and back 1/4" 100k
- d. Tailgate lower sides 7ga, 50k
- e. Slide face 7ga, 50k

70. HYDRAULICS

- a. Induction hardened slide rods
- b. Induction hardened sweep rods
- c. Zinc clear hydraulic tubes

71. SAFETY DEVICE OPTIONS

- a. Fire extinguisher - 10lb (standard on mounted units)
- b. Triangle Kit (standard on mounted units)



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 16 YARD COBRA-NARROW REAR LOADER SPECIFICATION #98

2016 New Way 16 Yard Cobra-Narrow Rear Loader

The New Way 16 Yard Cobra-Narrow Rear Loader purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$47,273.00	\$47,273.00	\$47,273.00	\$47,273.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	16 Yard Cobra-Narrow Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$47,273.00	\$47,273.00	\$47,273.00	\$47,273.00

Order Code	Add Options	All Zones
	Installed customer supplied scales (quoted on request)	NA
	Vulcan scale installed (4 point system)	\$11,073.00
	Vulcan scale installed (6 point system)	\$14,320.00
	Loadman scale installed (4 point system)	\$12,378.00
	Loadman scale installed (6 point system)	\$12,841.00
	Pump only	Std
	Manual transmission or automatic transmission (air assist PTO) Gear pump (requires additional solenoid valves for safety interlocks)	\$2,820.00
	Automatic transmission (hot shift) with pump	\$2,082.00
	Automatic transmission (hot shift with overspeed) with pump	\$2,361.00
	Automatic transmission (hot shift with overspeed) with pump, pack on the go	\$2,486.00
	Front mount muncie MLS	\$3,533.00
	Pack at lower RPM gear pump (additional charge) *1,000-1,200 <i>check with chassis manufacturer for adequate torque @ low RPM. New Way to approve chassis. ¹</i>	\$770.00 ¹
	Pack at lower RPM vane pump (additional charge) *1,000-1,200 RPM (requires driveline or extension shaft) <i>check with chassis manufacturer for adequate torque @ low RPM. New Way to approve chassis. ¹</i>	\$2,346.00 ¹
	*check with chassis manufacturer for adequate torque @ low RPM	NA
	Silent drive 20,000 lb pusher axle with tires	\$10,652.00
	Silent drive 20,000lb pusher axle without tires	\$8,337.00
	Silent drive 13,200 lb pusher axle with tires	\$9,257.00
	Silent drive 13,200 lb pusher axle without tires	\$7,853.00
	9,000 lb tulsa winch with latch kit	\$3,055.00
	12,000 lb tulsa winch with latch kit	\$3,997.00
	12,000 lb bloom winch with latch kit	\$3,997.00
	12,000 lb reeving cylinder with latch kit	\$4,891.00
	Kick bar with latch kit	\$3,572.00
	Kick bar without latch kit	\$3,045.00
	Extra valve section and handle (rear valve for future container handling option)	\$615.00
	Extra valve section (front valve with air actuator)	\$775.00
	Latch kit/trunion guides/ and container stops	\$525.00
	Brace roof and cut out for drum winch for future install	\$352.00
	Extra cable guide on drum winch rearward	\$182.00
	Lower loadsill 3"	\$183.00
	Perkins auto trunion lock	\$5,829.00

VEHICLE:	16 Yard Cobra-Narrow Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$47,273.00	\$47,273.00	\$47,273.00	\$47,273.00

*Note - Maximum of 2 valve sections available on rear valve for options	NA
Perkins cylinder actuated (no other container lifting devices) D6500	\$3,949.00
Perkins cylinder actuated (with other container lifting devices) D6500 (not compatible with Kick Bar)	\$4,526.00
Perkins rotary actuated (no other container lifting devices) D6220	\$5,400.00
Perkins rotary actuated (with other container lifting devices) D6220	\$5,826.00
Bayne rotary actuated (no other container lifting devices) MBTL180	\$5,095.00
Bayne rotary actuated (with other container lifting devices) Revolution series	\$5,928.00
Perkins auto arm lifter (D6098) (not compatible with any other container lifting devices)	\$7,621.00
Extra valve section with extended handle (rear valve for future cart tipper installation)	\$615.00
Street side linkage to operate tipper valve section	\$375.00
Single tap-in-kit (required if more than two (2) container handling/cart tipper options or left side cart tipper)	\$937.00
Dual tap-in-kit (required if dual tippers, unless street side linkage providing the sections are available)	\$1,105.00
Extend loadsill and latch kit for future install of cart tipper	\$623.00
Add hydraulic tubing to tailgate side for future tipper install	\$157.00
Notch loadsill for tipper with other lifting devices	\$233.00
LED mid body back-up lights includes up to two (2) lights	\$434.00
LED work lights two (2) mounted, inside upper tailgate shining in hopper	\$329.00
LED work lights two (2) mounted, outside upper tailgate shining rearward	\$450.00
Strobe light (surface mount)	\$295.00
Strobe light package (integrated strobe system) (2 round lights mounted upper tailgate)	\$461.00
Strobe light package (integrated strobe system) (2 round lights mounted lower tailgate)	\$461.00
Strobe light package (integrated strobe system) (2 round lights mounted front of body)	\$542.00
LED round strobes upper tailgate (2 lights)	\$306.00
LED round strobes lower tailgate (2 lights)	\$390.00
LED round strobes at front of body (2 lights)	\$390.00
LED oval strobes upper tailgate (2 lights)	\$390.00
LED oval strobes at front of body (2 lights)	\$390.00
LED 7" round strobes upper tailgate (2 lights)	\$547.00
Traffic adviser board (not compatible with winches)	\$811.00
Center mount brake (ID Cluster)	\$85.00
Brush guards for upper light bar	\$171.00
Wiring circuit including switch for customer install of lights	\$140.00
Safety shut down curbside	Std
Safety shut down streetside	\$151.00

VEHICLE:	16 Yard Cobra-Narrow Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$47,273.00	\$47,273.00	\$47,273.00	\$47,273.00

Driver alert buzzer curb side	Std
Driver alert buzzer street side	\$102.00
Guard to protect control handles	\$68.00
Back up alarm upgrade 102db	\$75.00
Back up alarm auto volume adjustable	\$148.00
Interlock on front access door	Std
Back up collision avoidance sensor (pre-view)	\$2,298.00
Fire extinguisher - 20lb (upgrade from 10lb) (only available on mounted units only)	\$94.00
5.6" color flat screen with audio	Std
7.0" color flat screen with audio	\$214.00
3rd eye 7.0" color flat screen with audio	\$510.00
Prime Only	Std
Acrylic Urethane Enamel white (9-20RL)	\$1,599.00
Acrylic Urethane Enamel white (25-RL)	NA
Acrylic Urethane Enamel color (9-20RL)	\$2,977.00
Acrylic Urethane Enamel color (25 RL)	NA
Clear coat	\$1,599.00
Two tone or special design (mounted units only) <i>consult factory for quote</i> ¹	NA ¹
Body under coating (mounted units only) (applied from frame rails to edge of body and under side of hopper)	\$1,509.00
Riding steps coated with black bed liner material	\$178.00
Prime inside of body (recommended for stock units)	\$383.00
Magnum package - hopper floor 1/4" 100k, tailgate lower sides 1/4" 50k, sweep and slide face 1/4" 80k, upper floor 7ga 50k, lower body floors 3/8" 50k	\$2,127.00
Upper body floor 1/4" 50k from 10ga 80k	\$693.00
Upper body floor 7ga 50k from 10ga 80k	\$491.00
Hopper floor and back 1/4" 100k	\$499.00
Hopper floor and back 3/8" 50k	\$694.00
Hopper floor 1/2" 50k, back 1/4" 100k AR200	\$1,220.00
Hopper liner floor and back 1/4" 100k	\$1,238.00
Reinforce hopper floor with additional braces	\$280.00
Tailgate lower side 1/4", 50k	\$406.00
Tailgate lower side 1/4", 80k	\$744.00
Tailgate lower side 1/4", 100k	\$1,149.00
Tailgate lower side liners 7ga, 50k	\$825.00
Tailgate lower side liners 1/4" 100k	\$1,647.00

VEHICLE:	16 Yard Cobra-Narrow Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$47,273.00	\$47,273.00	\$47,273.00	\$47,273.00

Slide face 1/4" 50k	\$234.00
Slide face 1/4" 100k	\$386.00
Sweep face 1/4" 100k	\$276.00
Ejection panel face 7ga 50k	\$230.00
Ejection panel face 1/4" 50k	\$638.00
Full body weld inside vs. stitched	\$367.00
Full weld outside center trough	Std
Frame mounted hydraulic tank	\$584.00
Electronic filter by-pass indicator in cab	\$239.00
Hydraulic shut down when filter in by-pass	\$539.00
Hour meter on PTO	\$253.00
High temperature fluid switch	\$467.00
Low fluid level switch	\$462.00
In tank oil heater (110 volt)	\$1,173.00
In cab air controls for tailgate and eject (includes auto tailgate locks)	\$736.00
Remote hook-up with quick disconnects	\$1,042.00
Nylon sleeves on hoses	\$306.00
Viper slide cylinders on Cobra w 2500 PSI (STD on 11,13 yard)	\$472.00
Guards to protect roof hoses/pipes	\$424.00
Quick disconnect pressure port at front valve	Std
Quick connect pressure gauge	\$91.00
Auto lube system (up to 14 points)	\$5,632.00
Turnbuckles	\$367.00
Mud flaps behind rear axles	\$171.00
Mud flaps in front of rear axles	\$171.00
Shovel/broom rack	\$185.00
Steel tool box 18x18x24	\$496.00
Steel tool box 18x18x36	\$580.00
Steel tool box 18x18x46	\$636.00
Steel tool box 18x18x48 <i>correction 24x24x48¹</i>	\$677.00 ¹
Sign brackets 3' x 5' (pair)	\$398.00
Sign brackets 42" x 78" (pair)	\$491.00
Sign brackets 60" x 72" (pair)	\$582.00
Access door 30" x 30"	\$220.00
Access door steps (ladder with handles)	\$347.00
Extra grab handles (set)	\$120.00

VEHICLE:	16 Yard Cobra-Narrow Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$47,273.00	\$47,273.00	\$47,273.00	\$47,273.00

Container washout tank 35 gallon	\$1,479.00
Container washout tank 50 gallon	\$1,632.00
Water cooler and bracket	\$242.00
Steps extend length (not compatible with kick bar)	\$403.00
Steps extend width (max 102")	\$357.00
Hopper floor extension (limits fallback into hopper)	\$535.00
Tailgate seal extension (increases seal height)	\$331.00
Cup holder (mounted to side of tailgate)	\$76.00
3 year cylinder warranty (16 to 25 yard Cobra)	\$1,232.00
2 year body warranty	\$1,213.00
3 year body warranty	\$1,892.00
2 year hydraulic warranty	\$1,075.00
3 year hydraulic warranty (excludes cylinders)	\$1,567.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>NEW WAY - 18 YARD COBRA REAR LOADER (Specification #99)</u>			
Amick Equipment Co., Inc.	2016 New Way 18 Yard Cobra Rear Loader	★Appalachia	\$45,961.00
Amick Equipment Co., Inc.	2016 New Way 18 Yard Cobra Rear Loader	★Dogwood	\$45,961.00
Amick Equipment Co., Inc.	2016 New Way 18 Yard Cobra Rear Loader	★Cardinal	\$45,961.00
Amick Equipment Co., Inc.	2016 New Way 18 Yard Cobra Rear Loader	★Longleaf Pine	\$45,961.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 18 YARD COBRA REAR LOADER **SPECIFICATION #99**

2016 New Way 18 Yard Cobra Rear Loader

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **MAIN BODY RAILS**

a. C8 x 11.5# Structural Channel

2. **FLOOR**

a. Front .25-50k Rear .25-50K

3. **FLOOR BRACES**

a. 8" Wide; 10GA-50K

4. **CENTER FLOOR BRACES**

a. 8" Wide; 10GA-50K

5. **MOUNTING BRACKETS**

a. Welded to Main Body Rails; 1/2" - A36

6. **EJECTION PANEL TRACKS**

a. C8 x 11.5# Structural Channel Wear Strips

7. **SIDE WALLS**

a. 10GA - 80K

8. **ROOF**

a. 10GA - 80K

9. **REAR FRAME**

a. Formed 6 11/16" x 4 13/16", 1/4" - GR50 Formed + Welded 1/4" GR 50, Sides Upper and Lower

10. **TAILGATE HINGE LUGS**

a. 1" - A36

11. **UPPER BULKHEAD**

a. 10GA - 50K

12. **LOWER BULKHEAD**

a. 1/4" - 50K

13. ACCESS DOOR
 - a. 28" x 23 1/2"
14. UPPER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
15. LOWER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
16. BODY HEIGHT
 - a. 20 Yard - 83"
17. OVERALL HEIGHT WITH TAILGATE RAISED
 - a. 20 Yard - 158"
18. BODY LENGTH
 - a. 20 yard - 245"
19. OVERALL LENGTH WITH TAILGATE RAISED
 - a. 20 yard - 255"
20. INSIDE WIDTH
 - a. 11 - 25 yard - 93"
21. MAX OUTSIDE WIDTH
 - a. 11 - 25 Yard - 96"
22. APPROXIMATE BODY WEIGHT (IN LBS)
 - a. 25 Yard - 12,200lbs
23. BODY CAPACITIES
 - a. 20 Cubic Yard
24. HOPPER CAPACITY
 - a. 20 Cubic Yard Rear Loader - 3 Cubic Yards
25. HOPPER OPENING HEIGHT
 - a. 20RL - 52"
26. HOPPER OPENING WIDTH
 - a. 74"
27. UPPER HOPPER BRACE
 - a. Formed 1/4" - A36
28. HOPPER FLOOR
 - a. 1/4" 50k
29. HOPPER BRACES
 - a. Formed 1/4" 50k
30. TAILGATE SEAL HEIGHT
 - a. 22"

31. LOWER TAILGATE SIDE

a. 7 ga 50k

32. UPPER TAILGATE SIDES

a. 10 ga 50k

33. SLIDE TRACKS

a. Formed 1/4"- 50k

34. SLIDE WEAR STRIPS

a. 1/2" x 2 1/2" A36

35. TAILGATE SIDE BRACES

a. Formed 7GA - 50k

36. FACE SHEET

a. 10GA 50K

37. FACE SHEET BRACES

a. Formed 7 ga 50k

38. LUGS

a. 1" x 4" 1018CFG flat

39. LUG CENTER BRACES

a. Formed 10 GA 50k

40. UPPER SLIDE SHOE

a. 7 1/4" x 1" Lug 6 7/8" x 5 13/16" x 1 3/4" UHMW

41. SLIDE

a. 20RL - 4 1/2" Bore, 43" Stroke, 3" Rod

42. TAILGATE

a. 20RL 4" Bore, 24" Stroke, 1-3/4" Rod

43. EJECTION PANEL

a. 20RL 4 stage 6-1/2" Bore, 114" Stroke

44. MINIMUM GVWR (IN LBS.)

a. 20 - 33,000 lbs

45. RECOMMENDED CAB TO TRUNION

a. 20RL - 138"

46. ADDITIONAL STANDARD EQUIPMENT

- a. Semi auto cycling
- b. Auto back pack
- c. Accelerator kit
- d. Auto lock tailgate
- e. Back-Up alarm
- f. All LED lights
- g. Hydraulic tank temp gauge
- h. Right side hydraulic tank access port

- i. ICC lights and reflectors
- j. Site gauge on oil tank
- k. Oil pressure gauge
- l. Chrome cylinders
- m. Side access door
- n. Driver alert buzzer
- o. Tailgate ajar indicator
- p. Light bar
- q. Bolt on steps on rear
- r. Prime under paint
- s. Rear vision camera

47. TROUGH (YES OR NO)

- a. Yes

48. OPERATING PRESSURE

- a. 2,000 PSI

49. HOSES

- a. 4 to 1 BURST

50. FILTER

- a. 10 micron

51. PUMP FLOW

- a. 29 GPM @ 1,350-1,400 RPM

52. TANK CAPACITY

- a. 45 gallon with 100 mesh 141 micron suction strainer

53. CYLINDER PIN

- a. 1 1/4 OD 1144 Stressproof

54. CYLINDER SUPPORTS

- a. 3/4" A36 Formed 3/8" 50K

55. NOSE

- a. 1/4" A36

56. SHOES

- a. 1 11/16" x 2 1/4" x 12" UHMW qty (8)

57. UPPER FACE SHEET

- a. 10 GA 50K

58. BASE AND SUPPORT STRUCTURE

- a. Formed 1/4" 50K 1/4" X 4" tube 1/4" x 4: flat

59. BRONZE BUSHINGS

- a. 2" ID

60. SWEEP NOSE

- a. 5/8" A36

61. BACKING PLATE

a. 10 ga 50k

62. LOWER SLIDE SHOE

a. 5" x 21" x 5/8" A36 plate 1/2" x 24" x 2 3/4" UHMW

63. UPPER SLIDE CYLINDER PINS

a. 1 1/2" OD 1144 stressproof

64. UPPER SWEEP PINS

a. 1 1/2" OD 1144 stressproof

65. LOWER SWEEP PINS

a. 2" OD 1144 stressproof

66. FACE PLATE

a. 1/4" 50k

67. SWEEP

a. (2) 5" bore, 16" stroke, 2-1/2" rod

68. WARRANTY

- a. 2 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty

69. STEEL OPTIONS

- a. Ejection panel face 10ga 50k
- b. Upper body floor 10ga 80k
- c. Hopper floor and back 1/4" 50k and back 1/4" 100k
- d. Tailgate lower sides 7ga, 50k
- e. Slide face 7ga, 50k

70. HYDRAULICS

- a. Induction hardened slide rods
- b. Induction hardened sweep rods
- c. Zinc clear hydraulic tubes

71. SAFETY DEVICE OPTIONS

- a. Fire extinguisher - 10lb (standard on mounted units)
- b. Triangle Kit (standard on mounted units)



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 18 YARD COBRA REAR LOADER SPECIFICATION #99

2016 New Way 18 Yard Cobra Rear Loader

The New Way 18 Yard Cobra Rear Loader purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$45,961.00	\$45,961.00	\$45,961.00	\$45,961.00

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The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

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VEHICLE:	18 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$45,961.00	\$45,961.00	\$45,961.00	\$45,961.00

Order Code	Add Options	All Zones
	Installed customer supplied scales (quoted on request)	NA
	Vulcan scale installed (4 point system)	\$11,073.00
	Vulcan scale installed (6 point system)	\$14,320.00
	Loadman scale installed (4 point system)	\$12,378.00
	Loadman scale installed (6 point system)	\$12,841.00
	Pump only	Std
	Manual transmission or automatic transmission (air assist PTO) Gear pump (requires additional solenoid valves for safety interlocks)	\$2,820.00
	Automatic transmission (hot shift) with pump	\$2,082.00
	Automatic transmission (hot shift with overspeed) with pump	\$2,361.00
	Automatic transmission (hot shift with overspeed) with pump, pack on the go	\$2,486.00
	Front mount muncie MLS	\$3,533.00
	Pack at lower RPM gear pump (additional charge) *1,000-1,200 <i>check with chassis manufacturer for adequate torque @ low RPM. New Way chassis approval required. ¹</i>	\$770.00 ¹
	Pack at lower RPM vane pump (additional charge) *1,000-1,200 RPM (requires driveline or extension shaft) <i>check with chassis manufacturer for adequate torque @ low RPM. New Way chassis approval required. ¹</i>	\$2,346.00 ¹
	*check with chassis manufacturer for adequate torque @ low RPM	NA
	Silent drive 20,000 lb pusher axle with tires	\$10,652.00
	Silent drive 20,000lb pusher axle without tires	\$8,337.00
	Silent drive 13,200 lb pusher axle with tires	\$9,257.00
	Silent drive 13,200 lb pusher axle without tires	\$7,853.00
	9,000 lb tulsa winch with latch kit	\$3,055.00
	12,000 lb tulsa winch with latch kit	\$3,997.00
	12,000 lb bloom winch with latch kit	\$3,997.00
	12,000 lb reeving cylinder with latch kit	\$4,891.00
	Kick bar with latch kit	\$3,572.00
	Kick bar without latch kit	\$3,045.00
	Extra valve section and handle (rear valve for future container handling option)	\$615.00
	Extra valve section (front valve with air actuator)	\$775.00
	Latch kit/trunion guides/ and container stops	\$525.00
	Brace roof and cut out for drum winch for future install	\$352.00
	Extra cable guide on drum winch rearward	\$182.00
	Lower loadsill 3"	\$183.00
	Perkins auto trunion lock	\$5,829.00

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*Note - Maximum of 2 valve sections available on rear valve for options	NA
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Perkins cylinder actuated (with other container lifting devices) D6500 (not compatible with Kick Bar)	\$4,526.00
Perkins rotary actuated (no other container lifting devices) D6220	\$5,400.00
Perkins rotary actuated (with other container lifting devices) D6220	\$5,826.00
Bayne rotary actuated (no other container lifting devices) MBTL180	\$5,095.00
Bayne rotary actuated (with other container lifting devices) Revolution series	\$5,928.00
Perkins auto arm lifter (D6098) (not compatible with any other container lifting devices)	\$7,621.00
Extra valve section with extended handle (rear valve for future cart tipper installation)	\$615.00
Street side linkage to operate tipper valve section	\$375.00
Single tap-in-kit (required if more than two (2) container handling/cart tipper options or left side cart tipper)	\$937.00
Dual tap-in-kit (required if dual tippers, unless street side linkage providing the sections are available)	\$1,105.00
Extend loadsill and latch kit for future install of cart tipper	\$623.00
Add hydraulic tubing to tailgate side for future tipper install	\$157.00
Notch loadsill for tipper with other lifting devices	\$233.00
LED mid body back-up lights includes up to two (2) lights	\$434.00
LED work lights two (2) mounted, inside upper tailgate shining in hopper	\$329.00
LED work lights two (2) mounted, outside upper tailgate shining rearward	\$450.00
Strobe light (surface mount)	\$295.00
Strobe light package (integrated strobe system) (2 round lights mounted upper tailgate)	\$461.00
Strobe light package (integrated strobe system) (2 round lights mounted lower tailgate)	\$461.00
Strobe light package (integrated strobe system) (2 round lights mounted front of body)	\$542.00
LED round strobes upper tailgate (2 lights)	\$306.00
LED round strobes lower tailgate (2 lights)	\$390.00
LED round strobes at front of body (2 lights)	\$390.00
LED oval strobes upper tailgate (2 lights)	\$390.00
LED oval strobes at front of body (2 lights)	\$390.00
LED 7" round strobes upper tailgate (2 lights)	\$547.00
Traffic adviser board (not compatible with winches)	\$811.00
Center mount brake (ID Cluster)	\$85.00
Brush guards for upper light bar	\$171.00
Wiring circuit including switch for customer install of lights	\$140.00
Safety shut down curbside	Std
Safety shut down streetside	\$151.00

VEHICLE:	18 Yard Cobra Rear Loader			
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Driver alert buzzer curb side	Std
Driver alert buzzer street side	\$102.00
Guard to protect control handles	\$68.00
Back up alarm upgrade 102db	\$75.00
Back up alarm auto volume adjustable	\$148.00
Interlock on front access door	Std
Back up collision avoidance sensor (pre-view)	\$2,298.00
Fire extinguisher - 20lb (upgrade from 10lb) (only available on mounted units only)	\$94.00
5.6" color flat screen with audio	Std
7.0" color flat screen with audio	\$214.00
3rd eye 7.0" color flat screen with audio	\$510.00
Prime Only	Std
Acrylic Urethane Enamel white (9-20RL)	\$1,599.00
Acrylic Urethane Enamel white (25-RL)	NA
Acrylic Urethane Enamel color (9-20RL)	\$2,077.00
Acrylic Urethane Enamel color (25 RL)	NA
Clear coat	\$1,599.00
Two tone or special design (mounted units only) <i>consult factory for quote</i> ¹	NA ¹
Body under coating (mounted units only) (applied from frame rails to edge of body and under side of hopper)	\$1,509.00
Riding steps coated with black bed liner material	\$178.00
Prime inside of body (recommended for stock units)	\$383.00
Magnum package - hopper floor 1/4" 100k, tailgate lower sides 1/4" 50k, sweep and slide face 1/4" 80k, upper floor 7ga 50k, lower body floors 3/8" 50k	\$2,127.00
Upper body floor 1/4" 50k from 10ga 80k	\$693.00
Upper body floor 7ga 50k from 10ga 80k	\$491.00
Hopper floor and back 1/4" 100k	\$499.00
Hopper floor and back 3/8" 50k	\$694.00
Hopper floor 1/2" 50k, back 1/4" 100k AR200	\$1,220.00
Hopper liner floor and back 1/4" 100k	\$1,238.00
Reinforce hopper floor with additional braces	\$280.00
Tailgate lower side 1/4", 50k	\$406.00
Tailgate lower side 1/4", 80k	\$744.00
Tailgate lower side 1/4", 100k	\$1,149.00
Tailgate lower side liners 7ga, 50k	\$825.00
Tailgate lower side liners 1/4" 100k	\$1,647.00

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Slide face 1/4" 50k	\$234.00
Slide face 1/4" 100k	\$386.00
Sweep face 1/4" 100k	\$276.00
Ejection panel face 7ga 50k	\$230.00
Ejection panel face 1/4" 50k	\$638.00
Full body weld inside vs. stitched	\$367.00
Full weld outside center trough	Std
Frame mounted hydraulic tank	\$584.00
Electronic filter by-pass indicator in cab	\$239.00
Hydraulic shut down when filter in by-pass	\$539.00
Hour meter on PTO	\$253.00
High temperature fluid switch	\$467.00
Low fluid level switch	\$462.00
In tank oil heater (110 volt)	\$1,173.00
In cab air controls for tailgate and eject (includes auto tailgate locks)	\$736.00
Remote hook-up with quick disconnects	\$1,042.00
Nylon sleeves on hoses	\$306.00
Viper slide cylinders on Cobra w 2500 PSI (STD on 11,13 yard)	\$472.00
Guards to protect roof hoses/pipes	\$424.00
Quick disconnect pressure port at front valve	Std
Quick connect pressure gauge	\$91.00
Auto lube system (up to 14 points)	\$5,632.00
Turnbuckles	\$367.00
Mud flaps behind rear axles	\$171.00
Mud flaps in front of rear axles	\$171.00
Shovel/broom rack	\$185.00
Steel tool box 18x18x24	\$496.00
Steel tool box 18x18x36	\$580.00
Steel tool box 18x18x46	\$636.00
Steel tool box 18x18x48 <i>correction 24x24x48¹</i>	\$677.00 ¹
Sign brackets 3' x 5' (pair)	\$398.00
Sign brackets 42" x 78" (pair)	\$491.00
Sign brackets 60" x 72" (pair)	\$582.00
Access door 30" x 30"	\$220.00
Access door steps (ladder with handles)	\$347.00
Extra grab handles (set)	\$120.00

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Container washout tank 35 gallon	\$1,479.00
Container washout tank 50 gallon	\$1,632.00
Water cooler and bracket	\$242.00
Steps extend length (not compatible with kick bar)	\$403.00
Steps extend width (max 102")	\$357.00
Hopper floor extension (limits fallback into hopper)	\$535.00
Tailgate seal extension (increases seal height)	\$331.00
Cup holder (mounted to side of tailgate)	\$76.00
3 year cylinder warranty (16 to 25 yard Cobra)	\$1,232.00
2 year body warranty	\$1,213.00
3 year body warranty	\$1,892.00
2 year hydraulic warranty	\$1,075.00
3 year hydraulic warranty (excludes cylinders)	\$1,567.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>NEW WAY - 20 YARD COBRA REAR LOADER (Specification #100)</u>			
Amick Equipment Co., Inc.	2016 New Way 20 Yard Cobra Rear Loader	★Appalachia	\$47,006.00
Amick Equipment Co., Inc.	2016 New Way 20 Yard Cobra Rear Loader	★Dogwood	\$47,006.00
Amick Equipment Co., Inc.	2016 New Way 20 Yard Cobra Rear Loader	★Cardinal	\$47,006.00
Amick Equipment Co., Inc.	2016 New Way 20 Yard Cobra Rear Loader	★Longleaf Pine	\$47,006.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 20 YARD COBRA REAR LOADER **SPECIFICATION #100**

2016 New Way 20 Yard Cobra Rear Loader

Chassis Requirement - Body capacity - 20 cubic yards, body width - 96", body length - 244.5", body height - 83", raised tailgate height - 290", inside width - 93", body weight - 11,227 lbs. Cab over must be front mount pump only, with overspeed protection. Engine - 300 hp set at 800rpm idle, 900lbs torque with speed up option Allison - 3000 RDS transmission with overspeed protection Conventional Cab must be hot shift PTO Engine - 300hp set at 800 rpm idle, 900lbs torque with speed up option Allison - 3000 RDS transmission with hot shift PTO and overspeed protection Chassis minimum GVWR - 33,000lbs Front axle - 10,000lbs Rear axle - 23,000 rear, recommended heavier springs Usable CT (cab to axle centerline) - 138" After frame - 60"

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **MAIN BODY RAILS**

a. C8 x 11.5# Structural Channel

2. **FLOOR**

a. Front .25-50k Rear .25-50K

3. **FLOOR BRACES**

a. 8" Wide; 10GA-50K

4. **CENTER FLOOR BRACES**

a. 8" Wide; 10GA-50K

5. **MOUNTING BRACKETS**

a. Welded to Main Body Rails; 1/2" - A36

6. **EJECTION PANEL TRACKS**

a. C8 x 11.5# Structural Channel Wear Strips

7. **SIDE WALLS**

a. 10GA - 80K

8. **ROOF**

a. 10GA - 80K

9. REAR FRAME
 - a. Formed 6 11/16" x 4 13/16", 1/4" - GR50 Formed + Welded 1/4" GR 50, Sides Upper and Lower
10. TAILGATE HINGE LUGS
 - a. 1" - A36
11. UPPER BULKHEAD
 - a. 10GA - 50K
12. LOWER BULKHEAD
 - a. 1/4" - 50K
13. ACCESS DOOR
 - a. 28" x 23 1/2"
14. UPPER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
15. LOWER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
16. BODY HEIGHT
 - a. 20 Yard - 83"
17. OVERALL HEIGHT WITH TAILGATE RAISED
 - a. 20 Yard - 158"
18. BODY LENGTH
 - a. 20 yard - 245"
19. OVERALL LENGTH WITH TAILGATE RAISED
 - a. 20 yard - 255"
20. INSIDE WIDTH
 - a. 11 - 25 yard - 93"
21. MAX OUTSIDE WIDTH
 - a. 11 - 25 Yard - 96"
22. APPROXIMATE BODY WEIGHT (IN LBS)
 - a. 25 Yard - 12,200lbs
23. BODY CAPACITIES
 - a. 20 Cubic Yard
24. HOPPER CAPACITY
 - a. 20 Cubic Yard Rear Loader - 3 Cubic Yards
25. HOPPER OPENING HEIGHT
 - a. 20RL - 52"
26. HOPPER OPENING WIDTH
 - a. 74"

27. UPPER HOPPER BRACE

a. Formed 1/4" - A36

28. HOPPER FLOOR

a. 1/4" 50k

29. HOPPER BRACES

a. Formed 1/4" 50k

30. TAILGATE SEAL HEIGHT

a. 22"

31. LOWER TAILGATE SIDE

a. 7 ga 50k

32. UPPER TAILGATE SIDES

a. 10 ga 50k

33. SLIDE TRACKS

a. Formed 1/4"- 50k

34. SLIDE WEAR STRIPS

a. 1/2" x 2 1/2" A36

35. TAILGATE SIDE BRACES

a. Formed 7GA - 50k

36. FACE SHEET

a. 10GA 50K

37. FACE SHEET BRACES

a. Formed 7 ga 50k

38. LUGS

a. 1" x 4" 1018CFG flat

39. LUG CENTER BRACES

a. Formed 10 GA 50k

40. UPPER SLIDE SHOE

a. 7 1/4" x 1" Lug 6 7/8" x 5 13/16" x 1 3/4" UHMW

41. SLIDE

a. 20RL - 4 1/2" Bore, 43" Stroke, 3" Rod

42. TAILGATE

a. 20RL 4" Bore, 24" Stroke, 1-3/4" Rod

43. EJECTION PANEL

a. 20RL 4 stage 6-1/2" Bore, 114" Stroke

44. MINIMUM GVWR (IN LBS.)

a. 20 - 33,000 lbs

45. RECOMMENDED CAB TO TRUNION

- a. 20RL - 138"

46. ADDITIONAL STANDARD EQUIPMENT

- a. Semi auto cycyling
- b. Auto back pack
- c. Accelerator kit
- d. Auto lock tailgate
- e. Back-Up alarm
- f. All LED lights
- g. Hydraulic tank temp gauge
- h. Right side hydraulic tank access port
- i. ICC lights and reflectors
- j. Site gauge on oil tank
- k. Oil pressure gauge
- l. Chrome cylinders
- m. Side access door
- n. Driver alert buzzer
- o. Tailgate ajar indicator
- p. Light bar
- q. Bolt on steps on rear
- r. Prime under paint
- s. Rear vision camera

47. TROUGH (YES OR NO)

- a. Yes

48. OPERATING PRESSURE

- a. 2,000 PSI

49. HOSES

- a. 4 to 1 BURST

50. FILTER

- a. 10 micron

51. PUMP FLOW

- a. 29 GPM @ 1,350-1,400 RPM

52. TANK CAPACITY

- a. 45 gallon with 100 mesh 141 micron suction strainer

53. CYLINDER PIN

- a. 1 1/4 OD 1144 Stressproof

54. CYLINDER SUPPORTS

- a. 3/4" A36 Formed 3/8" 50K

55. NOSE

- a. 1/4" A36

56. SHOES

- a. 1 11/16" x 2 1/4" x 12" UHMW qty (8)

57. UPPER FACE SHEET

a. 10 GA 50K

58. BASE AND SUPPORT STRUCTURE

a. Formed 1/4" 50K 1/4" X 4" tube 1/4" x 4: flat

59. BRONZE BUSHINGS

a. 2" ID

60. SWEEP NOSE

a. 5/8" A36

61. BACKING PLATE

a. 10 ga 50k

62. LOWER SLIDE SHOE

a. 5" x 21" x 5/8" A36 plate 1/2" x 24" x 2 3/4" UHMW

63. UPPER SLIDE CYLINDER PINS

a. 1 1/2" OD 1144 stressproof

64. UPPER SWEEP PINS

a. 1 1/2" OD 1144 stressproof

65. LOWER SWEEP PINS

a. 2" OD 1144 stressproof

66. FACE PLATE

a. 1/4" 50k

67. SWEEP

a. (2) 5" bore, 16" stroke, 2-1/2" rod

68. WARRANTY

- a. 2 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty

69. STEEL OPTIONS

- a. Ejection panel face 10ga 50k
- b. Upper body floor 10ga 80k
- c. Hopper floor and back 1/4" 50k and back 1/4" 100k
- d. Tailgate lower sides 7ga, 50k
- e. Slide face 7ga, 50k

70. HYDRAULICS

- a. Induction hardened slide rods
- b. Induction hardened sweep rods
- c. Zinc clear hydraulic tubes

71. SAFETY DEVICE OPTIONS

- a. Fire extinguisher - 10lb (standard on mounted units)
- b. Triangle Kit (standard on mounted units)



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 20 YARD COBRA REAR LOADER SPECIFICATION #100

2016 New Way 20 Yard Cobra Rear Loader

The New Way 20 Yard Cobra Rear Loader purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$47,006.00	\$47,006.00	\$47,006.00	\$47,006.00

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	Pack at lower RPM gear pump (additional charge) *1,000-1,200 <i>*check with chassis manufacturer for adequate torque @ low RPM. New Way must approve chassis. 1</i>	\$770.00 ¹
	Pack at lower RPM vane pump (additional charge) *1,000-1,200 RPM (requires driveline or extension shaft) <i>*check with chassis manufacturer for adequate torque @ low RPM. New Way must approve chassis. 1</i>	\$2,346.00 ¹
	<i>*check with chassis manufacturer for adequate torque @ low RPM</i>	NA
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	Silent drive 20,000lb pusher axle without tires	\$8,337.00
	Silent drive 13,200 lb pusher axle with tires	\$9,257.00
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	Latch kit/trunion guides/ and container stops	\$525.00
	Brace roof and cut out for drum winch for future install	\$352.00
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Street side linkage to operate tipper valve section	\$375.00
Single tap-in-kit (required if more than two (2) container handling/cart tipper options or left side cart tipper)	\$937.00
Dual tap-in-kit (required if dual tippers, unless street side linkage providing the sections are available)	\$1,105.00
Extend loadsill and latch kit for future install of cart tipper	\$623.00
Add hydraulic tubing to tailgate side for future tipper install	\$157.00
Notch loadsill for tipper with other lifting devices	\$233.00
LED mid body back-up lights includes up to two (2) lights	\$434.00
LED work lights two (2) mounted, inside upper tailgate shining in hopper	\$329.00
LED work lights two (2) mounted, outside upper tailgate shining rearward	\$450.00
Strobe light (surface mount)	\$295.00
Strobe light package (integrated strobe system) (2 round lights mounted upper tailgate)	\$461.00
Strobe light package (integrated strobe system) (2 round lights mounted lower tailgate)	\$461.00
Strobe light package (integrated strobe system) (2 round lights mounted front of body)	\$542.00
LED round strobes upper tailgate (2 lights)	\$306.00
LED round strobes lower tailgate (2 lights)	\$390.00
LED round strobes at front of body (2 lights)	\$390.00
LED oval strobes upper tailgate (2 lights)	\$390.00
LED oval strobes at front of body (2 lights)	\$390.00
LED 7" round strobes upper tailgate (2 lights)	\$547.00
Traffic adviser board (not compatible with winches)	\$811.00
Center mount brake (ID Cluster)	\$85.00
Brush guards for upper light bar	\$171.00
Wiring circuit including switch for customer install of lights	\$140.00
Safety shut down curbside	Std
Safety shut down streetside	\$151.00

VEHICLE:	20 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$47,006.00	\$47,006.00	\$47,006.00	\$47,006.00

Driver alert buzzer curb side	Std
Driver alert buzzer street side	\$102.00
Guard to protect control handles	\$68.00
Back up alarm upgrade 102db	\$75.00
Back up alarm auto volume adjustable	\$148.00
Interlock on front access door	Std
Back up collision avoidance sensor (pre-view)	\$2,298.00
Fire extinguisher - 20lb (upgrade from 10lb) (only available on mounted units only)	\$94.00
5.6" color flat screen with audio	Std
7.0" color flat screen with audio	\$214.00
3rd eye 7.0" color flat screen with audio	\$510.00
Prime Only	Std
Acrylic Urethane Enamel white (9-20RL)	\$1,599.00
Acrylic Urethane Enamel white (25-RL)	NA
Acrylic Urethane Enamel color (9-20RL)	\$2,077.00
Acrylic Urethane Enamel color (25 RL)	NA
Clear coat	\$1,599.00
Two tone or special design (mounted units only) <i>consult factory for price</i> ¹	NA ¹
Body under coating (mounted units only) (applied from frame rails to edge of body and under side of hopper)	\$1,509.00
Riding steps coated with black bed liner material	\$178.00
Prime inside of body (recommended for stock units)	\$383.00
Magnum package - hopper floor 1/4" 100k, tailgate lower sides 1/4" 50k, sweep and slide face 1/4" 80k, upper floor 7ga 50k, lower body floors 3/8" 50k	\$2,127.00
Upper body floor 1/4" 50k from 10ga 80k	\$693.00
Upper body floor 7ga 50k from 10ga 80k	\$491.00
Hopper floor and back 1/4" 100k	\$499.00
Hopper floor and back 3/8" 50k	\$694.00
Hopper floor 1/2" 50k, back 1/4" 100k AR200	\$1,220.00
Hopper liner floor and back 1/4" 100k	\$1,238.00
Reinforce hopper floor with additional braces	\$280.00
Tailgate lower side 1/4", 50k	\$406.00
Tailgate lower side 1/4", 80k	\$744.00
Tailgate lower side 1/4", 100k	\$1,149.00
Tailgate lower side liners 7ga, 50k	\$825.00
Tailgate lower side liners 1/4" 100k	\$1,647.00

VEHICLE:	20 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$47,006.00	\$47,006.00	\$47,006.00	\$47,006.00

Slide face 1/4" 50k	\$234.00
Slide face 1/4" 100k	\$386.00
Sweep face 1/4" 100k	\$276.00
Ejection panel face 7ga 50k	\$230.00
Ejection panel face 1/4" 50k	\$638.00
Full body weld inside vs. stitched	\$367.00
Full weld outside center trough	Std
Frame mounted hydraulic tank	\$584.00
Electronic filter by-pass indicator in cab	\$239.00
Hydraulic shut down when filter in by-pass	\$539.00
Hour meter on PTO	\$253.00
High temperature fluid switch	\$467.00
Low fluid level switch	\$462.00
In tank oil heater (110 volt)	\$1,173.00
In cab air controls for tailgate and eject (includes auto tailgate locks)	\$736.00
Remote hook-up with quick disconnects	\$1,042.00
Nylon sleeves on hoses	\$306.00
Viper slide cylinders on Cobra w 2500 PSI (STD on 11,13 yard)	\$472.00
Guards to protect roof hoses/pipes	\$424.00
Quick disconnect pressure port at front valve	Std
Quick connect pressure gauge	\$91.00
Auto lube system (up to 14 points)	\$5,632.00
Turnbuckles	\$367.00
Mud flaps behind rear axles	\$171.00
Mud flaps in front of rear axles	\$171.00
Shovel/broom rack	\$185.00
Steel tool box 18x18x24	\$496.00
Steel tool box 18x18x36	\$580.00
Steel tool box 18x18x46	\$636.00
Steel tool box 18x18x48 <i>correct 24x24x48¹</i>	\$677.00 ¹
Sign brackets 3' x 5' (pair)	\$398.00
Sign brackets 42" x 78" (pair)	\$491.00
Sign brackets 60" x 72" (pair)	\$582.00
Access door 30" x 30"	\$220.00
Access door steps (ladder with handles)	\$347.00
Extra grab handles (set)	\$120.00

VEHICLE:	20 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$47,006.00	\$47,006.00	\$47,006.00	\$47,006.00

Container washout tank 35 gallon	\$1,479.00
Container washout tank 50 gallon	\$1,632.00
Water cooler and bracket	\$242.00
Steps extend length (not compatible with kick bar)	\$403.00
Steps extend width (max 102")	\$357.00
Hopper floor extension (limits fallback into hopper)	\$535.00
Tailgate seal extension (increases seal height)	\$331.00
Cup holder (mounted to side of tailgate)	\$76.00
3 year cylinder warranty (16 to 25 yard Cobra)	\$1,232.00
2 year body warranty	\$1,213.00
3 year body warranty	\$1,892.00
2 year hydraulic warranty	\$1,075.00
3 year hydraulic warranty (excludes cylinders)	\$1,567.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>NEW WAY - 25 YARD COBRA REAR LOADER (Specification #101)</u>			
Amick Equipment Co., Inc.	2016 New Way 25 Yard Cobra Rear Loader	★Appalachia	\$48,742.00
Amick Equipment Co., Inc.	2016 New Way 25 Yard Cobra Rear Loader	★Dogwood	\$48,742.00
Amick Equipment Co., Inc.	2016 New Way 25 Yard Cobra Rear Loader	★Cardinal	\$48,742.00
Amick Equipment Co., Inc.	2016 New Way 25 Yard Cobra Rear Loader	★Longleaf Pine	\$48,742.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 25 YARD COBRA REAR LOADER **SPECIFICATION #101**

2016 New Way 25 Yard Cobra Rear Loader

New Way Cobra CHASSIS Specs - 25 cubic yard body Body Capacity - 25 cubic yards Body Width - 96" Body Length - 270" Body Height - 94" Raised Tailgate Height - 290" Inside Width - 93" Body Weight - 12,200 lbs Cab over must be front mount pump only, with overspeed protection Engine - 350 hp set at 800rpm idle, 900lbs torque with speed up option Allison - 4500 RDS transmission with overspeed protection Conventional cab must be hot shift PTO Engine - 350hp set at 800rpm idle, 900lbs torque with speed up option Allison - 4500 RDS transmission with hot shift PTO and overspeed protection Chassis minimum GVWR - 56,000lbs Front Axle - 16,000lbs Rear Axle - 40,000 rear tandem Wheel base Usable CT (cab to axle centerline) - 156" After frame - 60"

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. MAIN BODY RAILS

- a. C8 x 11.5# Structural Channel

2. FLOOR

- a. Front .25-50k Rear .25-50K

3. FLOOR BRACES

- a. 8" Wide; 10GA-50K

4. CENTER FLOOR BRACES

- a. 8" Wide; 10GA-50K

5. MOUNTING BRACKETS

- a. Welded to Main Body Rails; 1/2" - A36

6. EJECTION PANEL TRACKS

- a. C8 x 11.5# Structural Channel Wear Strips

7. SIDE WALLS

- a. 10GA - 80K

8. ROOF

a. 10GA - 80K

9. REAR FRAME

a. Formed 6 11/16" x 4 13/16", 1/4" - GR50 Formed + Welded 1/4" GR 50, Sides Upper and Lower

10. TAILGATE HINGE LUGS

a. 1" - A36

11. UPPER BULKHEAD

a. 10GA - 50K

12. LOWER BULKHEAD

a. 1/4" - 50K

13. ACCESS DOOR

a. 28" x 23 1/2"

14. UPPER BODY BOLSTERS (TRANSITIONS)

a. 10GA - 50K

15. LOWER BODY BOLSTERS (TRANSITIONS)

a. 10GA - 50K

16. BODY HEIGHT

a. 25 Yard - 94"

17. OVERALL HEIGHT WITH TAILGATE RAISED

a. 25 Yard - 94"

18. BODY LENGTH

a. 25 yard - 270"

19. INSIDE WIDTH

a. 11 - 25 yard - 93"

20. MAX OUTSIDE WIDTH

a. 11 - 25 Yard - 96"

21. APPROXIMATE BODY WEIGHT (IN LBS)

a. 25 Yard - 12,200lbs

22. BODY CAPACITIES

a. 25 Cubic Yard

23. HOPPER CAPACITY

a. 25 Cubic Yard Rear Loader - 3 Cubic Yards

24. HOPPER OPENING HEIGHT

a. 25RL - 50"

25. HOPPER OPENING WIDTH

a. 74"

26. UPPER HOPPER BRACE

a. Formed 1/4" - A36

27. HOPPER FLOOR

a. 1/4" 50k

28. HOPPER BRACES

a. Formed 1/4" 50k

29. TAILGATE SEAL HEIGHT

a. 22"

30. LOWER TAILGATE SIDE

a. 7 ga 50k

31. UPPER TAILGATE SIDES

a. 10 ga 50k

32. SLIDE TRACKS

a. Formed 1/4" - 50k

33. SLIDE WEAR STRIPS

a. 1/2" x 2 1/2" A36

34. TAILGATE SIDE BRACES

a. Formed 7GA - 50k

35. FACE SHEET

a. 7GA 50K

36. FACE SHEET BRACES

a. Formed 7 ga 50k

37. LUGS

a. 1" x 4" 1018CFG flat

38. LUG CENTER BRACES

a. Formed 10 GA 50k

39. UPPER SLIDE SHOE

a. 7 1/4" x 1" Lug 6 7/8" x 5 13/16" x 1 3/4" UHMW

40. SLIDE

a. 25RL - 4 1/2" Bore, 43" Stroke, 3" Rod

41. TAILGATE

a. 25RL 4" Bore, 19 - 7/8" Stroke, 1-3/4" Rod

42. EJECTION PANEL

a. 25RL 4 stage 6-1/2" Bore, 144" Stroke

43. MINIMUM GVWR (IN LBS.)

a. 25 - 56,000 lbs

44. RECOMMENDED CAB TO TRUNION

- a. 25RL - 156"

45. ADDITIONAL STANDARD EQUIPMENT

- a. Semi auto cycling
- b. Auto back pack
- c. Accelerator kit
- d. Auto lock tailgate
- e. Back-Up alarm
- f. All LED lights
- g. Hydraulic tank temp gauge
- h. Right side hydraulic tank access port
- i. ICC lights and reflectors
- j. Site gauge on oil tank
- k. Oil pressure gauge
- l. Chrome cylinders
- m. Side access door
- n. Driver alert buzzer
- o. Tailgate ajar indicator
- p. Light bar
- q. Bolt on steps on rear
- r. Prime under paint
- s. Rear vision camera

46. WARRANTY

- a. 2 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty

47. HYDRAULICS

- a. Induction hardened slide rods
- b. Induction hardened sweep rods
- c. Zinc clear hydraulic tubes

48. STEEL

- a. Upper body floor 10ga 80k
- b. Hopper floor and back 1/4" 50k and back 1/4"
- c. Tailgate lower sides 7ga 50k
- d. Slide face 7ga, 50k
- e. Ejection panel face 10ga 50k

49. SAFETY DEVICE

- a. Fire extinguisher - 10lb (standard on mounted units)
- b. Triangle kit (standard on mounted units)



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 25 YARD COBRA REAR LOADER SPECIFICATION #101

2016 New Way 25 Yard Cobra Rear Loader

The New Way 25 Yard Cobra Rear Loader purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$48,742.00	\$48,742.00	\$48,742.00	\$48,742.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	25 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$48,742.00	\$48,742.00	\$48,742.00	\$48,742.00

Order Code	Add Options	All Zones
	Installed customer supplied scales (quoted on request)	NA
	Vulcan scale installed (4 point system)	\$11,073.00
	Vulcan scale installed (6 point system)	\$14,320.00
	Loadman scale installed (4 point system)	\$12,378.00
	Loadman scale installed (6 point system)	\$12,841.00
	Pump only	Std
	Manual transmission or automatic transmission (air assist PTO) Gear pump (requires additional solenoid valves for safety interlocks)	\$2,820.00
	Automatic transmission (hot shift) with pump	\$2,082.00
	Automatic transmission (hot shift with overspeed) with pump	\$2,361.00
	Automatic transmission (hot shift with overspeed) with pump, pack on the go	\$2,486.00
	Front mount muncie MLS	\$3,533.00
	Pack at lower RPM gear pump (additional charge) *1,000-1,200 <i>check with chassis manufacturer for adequate torque @ low RPM. New Way must approve chassis. ¹</i>	\$770.00 ¹
	Pack at lower RPM vane pump (additional charge) *1,000-1,200 RPM (requires driveline or extension shaft) <i>check with chassis manufacturer for adequate torque @ low RPM. New Way must approve chassis. ¹</i>	\$2,346.00 ¹
	*check with chassis manufacturer for adequate torque @ low RPM	NA
	Silent drive 20,000 lb pusher axle with tires	\$10,652.00
	Silent drive 20,000lb pusher axle without tires	\$8,337.00
	Silent drive 13,200 lb pusher axle with tires	\$9,257.00
	Silent drive 13,200 lb pusher axle without tires	\$7,853.00
	9,000 lb tulsa winch with latch kit	\$3,055.00
	12,000 lb tulsa winch with latch kit	\$3,997.00
	12,000 lb bloom winch with latch kit	\$3,997.00
	12,000 lb reeving cylinder with latch kit	\$4,891.00
	Kick bar with latch kit	\$3,572.00
	Kick bar without latch kit	\$3,045.00
	Extra valve section and handle (rear valve for future container handling option)	\$615.00
	Extra valve section (front valve with air actuator)	\$775.00
	Latch kit/trunion guides/ and container stops	\$525.00
	Brace roof and cut out for drum winch for future install	\$352.00
	Extra cable guide on drum winch rearward	\$182.00
	Lower loadsill 3"	\$183.00
	Perkins auto trunion lock	\$5,829.00

VEHICLE:	25 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$48,742.00	\$48,742.00	\$48,742.00	\$48,742.00

*Note - Maximum of 2 valve sections available on rear valve for options	NA
Perkins cylinder actuated (no other container lifting devices) D6500	\$3,949.00
Perkins cylinder actuated (with other container lifting devices) D6500 (not compatible with Kick Bar)	\$4,526.00
Perkins rotary actuated (no other container lifting devices) D6220	\$5,400.00
Perkins rotary actuated (with other container lifting devices) D6220	\$5,826.00
Bayne rotary actuated (no other container lifting devices) MBTL180	\$5,095.00
Bayne rotary actuated (with other container lifting devices) Revolution series	\$5,928.00
Perkins auto arm lifter (D6098) (not compatible with any other container lifting devices)	\$7,621.00
Extra valve section with extended handle (rear valve for future cart tipper installation)	\$615.00
Street side linkage to operate tipper valve section	\$375.00
Single tap-in-kit (required if more than two (2) container handling/cart tipper options or left side cart tipper)	\$937.00
Dual tap-in-kit (required if dual tippers, unless street side linkage providing the sections are available)	\$1,105.00
Extend loadsill and latch kit for future install of cart tipper	\$623.00
Add hydraulic tubing to tailgate side for future tipper install	\$157.00
Notch loadsill for tipper with other lifting devices	\$233.00
LED mid body back-up lights includes up to two (2) lights	\$434.00
LED work lights two (2) mounted, inside upper tailgate shining in hopper	\$329.00
LED work lights two (2) mounted, outside upper tailgate shining rearward	\$450.00
Strobe light (surface mount)	\$295.00
Strobe light package (integrated strobe system) (2 round lights mounted upper tailgate)	\$461.00
Strobe light package (integrated strobe system) (2 round lights mounted lower tailgate)	\$461.00
Strobe light package (integrated strobe system) (2 round lights mounted front of body)	\$542.00
LED round strobes upper tailgate (2 lights)	\$306.00
LED round strobes lower tailgate (2 lights)	\$390.00
LED round strobes at front of body (2 lights)	\$390.00
LED oval strobes upper tailgate (2 lights)	\$390.00
LED oval strobes at front of body (2 lights)	\$390.00
LED 7" round strobes upper tailgate (2 lights)	\$547.00
Traffic adviser board (not compatible with winches)	\$811.00
Center mount brake (ID Cluster)	\$85.00
Brush guards for upper light bar	\$171.00
Wiring circuit including switch for customer install of lights	\$140.00
Safety shut down curbside	Std
Safety shut down streetside	\$151.00

VEHICLE:	25 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$48,742.00	\$48,742.00	\$48,742.00	\$48,742.00

Driver alert buzzer curb side	Std
Driver alert buzzer street side	\$102.00
Guard to protect control handles	\$68.00
Back up alarm upgrade 102db	\$75.00
Back up alarm auto volume adjustable	\$148.00
Interlock on front access door	Std
Back up collision avoidance sensor (pre-view)	\$2,298.00
Fire extinguisher - 20lb (upgrade from 10lb) (only available on mounted units only)	\$94.00
5.6" color flat screen with audio	Std
7.0" color flat screen with audio	\$214.00
3rd eye 7.0" color flat screen with audio	\$510.00
Prime Only	Std
Acrylic Urethane Enamel white (9-20RL)	NA
Acrylic Urethane Enamel white (25-RL)	\$2,100.00
Acrylic Urethane Enamel color (9-20RL)	NA
Acrylic Urethane Enamel color (25 RL)	\$2,683.00
Clear coat	\$1,599.00
Two tone or special design (mounted units only) <i>consult factory for quote</i> ¹	NA ¹
Body under coating (mounted units only) (applied from frame rails to edge of body and under side of hopper)	\$1,509.00
Riding steps coated with black bed liner material	\$178.00
Prime inside of body (recommended for stock units)	\$383.00
Magnum package - hopper floor 1/3" 100k, tailgate lower sides 1/4" 50k, sweep and slide face 1/4" 80k, upper floor 7ga 50k, lower body floors 3/8" 50k	\$2,127.00
Upper body floor 1/4" 50k from 10ga 80k	\$693.00
Upper body floor 7ga 50k from 10ga 80k	\$491.00
Hopper floor and back 1/4" 100k	\$499.00
Hopper floor and back 3/8" 50k	\$694.00
Hopper floor 1/2" 50k, back 1/4" 100k AR200	\$1,220.00
Hopper liner floor and back 1/4" 100k	\$1,238.00
Reinforce hopper floor with additional braces	\$280.00
Tailgate lower side 1/4", 50k	\$406.00
Tailgate lower side 1/4", 80k	\$744.00
Tailgate lower side 1/4", 100k	\$1,149.00
Tailgate lower side liners 7ga, 50k	\$825.00
Tailgate lower side liners 1/4" 100k	\$1,647.00

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ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$48,742.00	\$48,742.00	\$48,742.00	\$48,742.00

Slide face 1/4" 50k	\$234.00
Slide face 1/4" 100k	\$386.00
Sweep face 1/4" 100k	\$276.00
Ejection panel face 7ga 50k	\$230.00
Ejection panel face 1/4" 50k	\$638.00
Full body weld inside vs. stitched	\$367.00
Full weld outside center trough	Std
Frame mounted hydraulic tank	\$584.00
Electronic filter by-pass indicator in cab	\$239.00
Hydraulic shut down when filter in by-pass	\$539.00
Hour meter on PTO	\$253.00
High temperature fluid switch	\$467.00
Low fluid level switch	\$462.00
In tank oil heater (110 volt)	\$1,173.00
In cab air controls for tailgate and eject (includes auto tailgate locks)	\$736.00
Remote hook-up with quick disconnects	\$1,042.00
Nylon sleeves on hoses	\$306.00
Viper slide cylinders on Cobra w 2500 PSI (STD on 11,13 yard)	\$472.00
Guards to protect roof hoses/pipes	\$424.00
Quick disconnect pressure port at front valve	Std
Quick connect pressure gauge	\$91.00
Auto lube system (up to 14 points)	\$5,632.00
Turnbuckles	\$367.00
Mud flaps behind rear axles	\$171.00
Mud flaps in front of rear axles	\$171.00
Shovel/broom rack	\$185.00
Steel tool box 18x18x24	\$496.00
Steel tool box 18x18x36	\$580.00
Steel tool box 18x18x46	\$636.00
Steel tool box 18x18x48 <i>correction 24x24x48¹</i>	\$677.00 ¹
Sign brackets 3' x 5' (pair)	\$398.00
Sign brackets 42" x 78" (pair)	\$491.00
Sign brackets 60" x 72" (pair)	\$582.00
Access door 30" x 30"	\$220.00
Access door steps (ladder with handles)	\$347.00
Extra grab handles (set)	\$120.00

VEHICLE:	25 Yard Cobra Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$48,742.00	\$48,742.00	\$48,742.00	\$48,742.00

Container washout tank 35 gallon	\$1,479.00
Container washout tank 50 gallon	\$1,632.00
Water cooler and bracket	\$242.00
Steps extend length (not compatible with kick bar)	\$403.00
Steps extend width (max 102")	\$357.00
Hopper floor extension (limits fallback into hopper)	\$535.00
Tailgate seal extension (increases seal height)	\$331.00
Cup holder (mounted to side of tailgate)	\$76.00
2 year cylinder warranty (STD)	Std
3 year cylinder warranty (16 to 25 yard Cobra)	\$1,175.00
1 year body warranty (STD)	Std
2 year body warranty	\$1,214.00
3 year body warranty	\$1,892.00
1 year hydraulic warranty (STD)	Std
2 year hydraulic warranty	\$1,075.00
3 year hydraulic warranty (excludes cylinders)	\$1,567.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>NEW WAY - 20 YARD SIDEWINDER (Specification #102)</u>			
Amick Equipment Co., Inc.	2016 New Way Sidewinder Dump Style Body - 20 Yard	★Appalachia	\$102,324.00
Amick Equipment Co., Inc.	2016 New Way Sidewinder Dump Style Body - 20 Yard	★Dogwood	\$102,324.00
Amick Equipment Co., Inc.	2016 New Way Sidewinder Dump Style Body - 20 Yard	★Cardinal	\$102,324.00
Amick Equipment Co., Inc.	2016 New Way Sidewinder Dump Style Body - 20 Yard	★Longleaf Pine	\$102,324.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 20 YARD SIDEWINDER SPECIFICATION #102

2016 New Way Sidewinder Dump Style Body - 20 Yard

New Way Sidewinder Chassis Specs - Body Capacity: 20 Cubic Yards, Body Width: 96", Body Length: 237", Body Height: 108", Raised Tailgate Height: 213", Body Height Raised: 195", Cab Over Must Be Front Mount Pump Only, With Overspeed Protection- Engine: 300 HP Set at 800 RPM Idle, 1000 lb Torque at Idle - Allison: 3000 RDS Transmission with Overspeed Protection; Conventional Cab Must Be Hot Shift PTO - Engine: 300 HP Set at 800 RPM Idle, 1000 lb Torque at Idle - Allison: 3000 RDS Transmission with Hot Shift PTO and Overspeed Protection; Chassis GVWR: 50,000 lbs Minimum; Front Axle: 30,000 lbs, 35,000 Springs; Rear Axle: 20,000 lbs; Usable CA Single Axle (Cab to Axle Centerline) 160"; After Frame: 76"; Call for Lift Axle Information on Single Axle Units

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. FRONT AXLE WEIGHT RATING 20 YARD BODY

- a. 20,000 lb.

2. REAR AXLE WEIGHT RATING 20 YARD BODY

- a. 30,000 lb with 35,000 Leaf Springs
- b. Body Width - 96"
- c. Body Length - 237"
- d. Body Height - 108"
- e. Raised Tailgate Height - 213"
- f. Body Height Raised - 195"
- g. Minimum GVWR - 50,000 lb
- h. Wheelbase Requirement - 160" Usable

3. PACKER

- a. Hopper Capacity- 6 Cubic Yards
- b. Packer Swept Volume - 2 Cubic Yards
- c. Packer Cycle Time - 20 Seconds
- d. Ram Penetration - 8.5"
- e. Ram Compaction Force - 70,000 lbs at 2500 PSI

4. ARM SPECIFICATIONS

- a. Arm Extension - 144"
- b. Arm Lifting Capacity at Full Reach - 1,000 lbs

- c. Number of Horizontal Mast Bearings - 6
- d. Arm Cycle Time - 6 Seconds

5. BODY CONSTRUCTION

- a. Roof - 10 Gauge, 80,000 PSI
- b. Sides - 10 Gauge, AR450
- c. Packer Panel - 1/4" AR450
- d. Body Floor - 8 Gauge AR450
- e. Tailgate Back - 10 Gauge AR450
- f. Tailgate Sides - 10 Gauge 80,000 PSI
- g. Hopper Floor and Sides - 1/4" AR450
- h. Ram Guide - 3/8" x 3" AR400 Wear Strips

6. HYDRAULIC SYSTEM

- a. Oil Reservoir - 70 Gallon
- b. Oil Flow Rate - Body - 25 GPM @ Idle
- c. Oil Flow Rate - Arm - 17 GPM @ Idle

7. BODY OPERATING PRESSURE

- a. 20 Yard Units - 2,000 PSI

8. ARM OPERATING PRESSURE

- a. 2,000 PSI

9. HOSES

- a. 4 to 1 Burst Rating

10. RETURN FILTERS

- a. 10 Micron Absolute

11. HIGH PRESSURE FILTERS

- a. 10 Micron Absolute

12. ENGINE RPM

- a. In gear at idle

13. HYDRAULIC CYLINDER SPECIFICATIONS

- a. Tailgate Cylinders - 3" x 30" x 2" Rod
- b. Pack Panel Cylinders 4.5" x 43" x 3" Rod
- c. Gripper Cylinders 1.5" x 5" x 1" Rod
- d. Vertical Lift Cylinders 3" x 16" x 2" Rod
- e. Body Hoist Cylinder - 20 Cubic Yard Units - 6.5" x 150" x 4 Stage
- f. Horizontal Mast Cylinder - 2" x 54" x 1.25" Rod

14. PRE-CRUSHER PANEL

- a. 2" x 18" x 1.25" Rod

15. STANDARD EQUIPMENT

- a. Pack on the go
- b. Twin 12" x 16" Clean Out Doors
- c. Oil Pressure Gauges
- d. Chrome Cylinder Rods
- e. Side Access Door to Hopper
- f. Nitro Carbonate Single Hoist Cylinder
- g. Site Gauge on Reservoir Tank
- h. Tailgate Ajar Alarm
- i. Back up Alarm

- j. Body Ajar Alarm
- k. Arm Not Stowed Indicator
- l. LED Lights
- m. Front Mount Pump, Tandem Vane
- n. Arm Powder Coated New Way Safety Yellow - Triangle Kit - Electronic Filter in Bypass Indicator in Cab - Quick Disconnect Ports for Pressure Gauge - Can Bus Control System - Oil Tank Street Side - Dupont Imron 5000 Paint, White - Talamar Extreme Hydraulic Fluid
- o. Dual Camera/Flat Screen Color 5.6": Backup; 2nd Location Top of Bulkhead Facing Hopper - Reinforced Frame Mounted Arm - In-Line Heavy Duty Grippers - Sealed Roller Bearings on Packer Panel
- p. Ergonomic In-cab Control Panel and Joystick - Smooth Body Sidewall Design - Positive Automatic Tailgate Locks - Hour Meter on Pump - ANSI 245 Compliant - Complete Factory Mount - Integrated Strobe Package - Upper Tailgate - 10 lb Fire Extinguisher - Upper Light Bar With 2 Stop and Tail - Body Acrylic White, Match Cab Paint Code - Zinc Plated Tubes - Induction Hardened Pack Cylinders With Scrapers - Arm Control Joystick on Console - Internal Hydraulic Filters

16. STANDARD WARRANTIES

- a. 2 Year Cylinder Warranty
- b. 1 Year Body Warranty
- c. 1 Year Arm Warranty
- d. 1 Year Hydraulic Warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 20 YARD SIDEWINDER SPECIFICATION #102

2016 New Way Sidewinder Dump Style Body - 20 Yard

The New Way Sidewinder Dump Style Body - 20 Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$102,324.00	\$102,324.00	\$102,324.00	\$102,324.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Sidewinder Dump Style Body - 20 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$102,324.00	\$102,324.00	\$102,324.00	\$102,324.00

Order Code	Add Options	All Zones
	Pump PTO Options: Hot Shift PTO, Tandem Vane Pump, Conventional Cab ONLY	\$2,570.00
	Assist Axle Options: 13,200lb Pusher Axle with Tires	\$9,338.00
	Assist Axle Options: 13,200lb Pusher Axle without Tires	\$7,922.00
	Assist Axle Options: 13,200lb Tag Axle with Tires	\$10,111.00
	Assist Axle Options: 13,200lb Tag Axle without Tires	\$8,693.00
	Assist Axle Options: 13,200lb Steerable Tag Axle with Tires	\$11,160.00
	Lighting Options: LED Mid-Body Back-Up Lights (2)	\$436.00
	Lighting Options: LED Back-up Lights on Tailgate	\$488.00
	Lighting Options: LED Work Lights, 1 in Hopper, 1 Curbside Toward Arm	\$336.00
	Lighting Options: Strobe Light, Surface Mount: Strobe Light Package (Integrated Strobe System) 2 Round Lights Mounted on Lower Tailgate	\$496.00
	Lighting Options: Strobe Light, Surface Mount: Strobe Light Package (Integrated Strobe System) 2 Round Lights Mounted Front of Body	\$548.00
	Lighting Options: Strobe Light, Surface Mount: LED Round Strobes Mounted Front of Body. Non-integrated (2) Lights	\$400.00
	Lighting Options: Strobe Light, Surface Mount: LED Oval Strobes Mounted Lower Tailgate. 2 Lights, Non-integrated	\$400.00
	Lighting Options: Strobe Light, Surface Mount: LED Oval Strobes Mounted Front of Body. 2 Lights, Non-integrated	\$400.00
	Lighting Options: Strobe Light, Surface Mount: Traffic Advisory Board, Mounted Mid Tailgate <i>traffic advisory board only</i> ¹	\$818.00 ¹
	Lighting Options: Strobe Light, Surface Mount: Brush Guards for Upper Light Bar	\$173.00
	Lighting Options: Wiring Circuit Including Switch for Customer Install of Other Lights - Back-up Alarm Upgrade 102db <i>Just 102db back up alarm</i> ¹	\$76.00 ¹
	Lighting Options: Wiring Circuit Including Switch for Customer Install of Other Lights - Back-up Alarm Auto Volumn Adjustable 87-112db <i>Just adjustable back up alarm</i> ¹	\$149.00 ¹
	Lighting Options: Wiring Circuit Including Switch for Customer Install of Other Lights - Back-up Collision Avoidance Sensor (Pre-view Brand) <i>just back up collision avoidance sensor</i> ¹	\$2,318.00 ¹
	Fire Extinguisher: Upgrade to 20lbs (10lb Standard)	\$97.00
	Camera Options: Dual Camera/Flat Screen Color 7.0": Back-up; 2nd Location Top of Front Bulkhead Facing Hopper <i>2nd location</i> ¹	\$206.00 ¹
	Camera Options: Triple Camera/Flat Screen Color 7.0": Back-up; 2nd Location Top of Front Bulkhead Facing Hopper; 3rd Location <i>2nd location 3rd location</i> ¹	\$1,750.00 ¹

VEHICLE:	Sidewinder Dump Style Body - 20 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$102,324.00	\$102,324.00	\$102,324.00	\$102,324.00

Camera Options: 3rd Eye Dual Camera Flat Screen Color 7.0" Back-up; 2nd Location Top of Bulkhead Facing Hopper <i>2nd location</i> ¹	\$643.00 ¹
Camera Options: 3rd Eye Triple Camera Flat Screen Color 7.0" Back-up; 2nd Location Top of Bulkhead Facing Hopper; 3rd Location Left Side of Cab Facing Rear <i>2nd location 3rd location</i> ¹	\$1,670.00 ¹
Camera Options: 3rd Eye, 4 Camera System - Rear, Hopper, LH Blind Spot, RH Arm Bullet Camera	\$2,368.00
Camera Options: DVR Recorder System for Camera	\$2,450.00
Camera Options: Other Camera Options Available as Non-Standard Options	NA
Paint Options: Body Acrylic Urethane Enamel Color Coat Other Than White. We Use Dupont Elite. (Body Paint Color Code is Required)	\$1,533.00
Paint Options: Arm Acrylic Urethane Enamel White or Color Coat Other Than Stock New Way Safety Yellow. We Use Dupont Elite. (Arm Paint Color Code is Required)	\$775.00
Paint Options: Prime Inside Body	\$468.00
Paint Options: Two Tone or Special Design (Mounted Units Only) <i>Non-Standard Option</i> ¹	NA ¹
Hydraulics: Electronic Filter By-pass Indicator in Cab	\$241.00
Hydraulics: Hydraulic Shut Down When Filter in By-Pass	\$543.00
Hydraulics: High Temperature Fluid Switch	\$471.00
Hydraulics: Hour Meter on PTO	\$255.00
Hydraulics: Low Fluid Level Switch	\$471.00
Hydraulics: In tank Oil Heater	\$1,243.00
Hydraulics: External Oil Cooler (Required on E3 Unit)	\$3,869.00
Hydraulics: Nitride Pack Cylinders with Scrapers (If Required by Spec)	\$1,286.00
Hydraulics: Quick Disconnect Pressure Gauge	\$92.00
Arm Control Options: 300 Gallon Gripper	\$1,014.00
Arm Control Options: Arm Control Rocker Switches on Console	\$540.00
Arm Control Options: Arm Control Rocker Switches on Door	\$540.00
Arm Control Options: Arm Control Rocker Switches Under Seat	\$540.00
Arm Control Options: Arm Control Rocker Switches Under Dash	\$540.00
Arm Control Options: Arm Cycle Counter	\$242.00
Accessory Options: Slide Pin for Tailgate Lock	\$360.00
Accessory Options: Shovel/Broom Rack - Steel Tool Box 18 x 18 x 24 <i>shovel/broom rack no tool box</i> ¹	\$178.00 ¹
Accessory Options: Shovel/Broom Rack - Steel Tool Box 18 x 18 x 36 <i>just tool box</i> ¹	\$558.00 ¹
Accessory Options: Pre-Crusher Panel, Hydraulic Actuated	\$2,418.00
Accessory Options: Hopper Access Ladder	\$551.00

VEHICLE:	Sidewinder Dump Style Body - 20 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$102,324.00	\$102,324.00	\$102,324.00	\$102,324.00

Accessory Options: Hardox Hopper Liner, 7 Gauge	\$833.00
Accessory Options: Heavy Duty Arm	\$1,029.00
Accessory Options: Clean Out Shoot Extensions	\$245.00
Accessory Options: Front Body Closure - Splash Shield for Bulkhead	\$245.00
Accessory Options: Hopper Wind Deflector- Front Edge of Hopper - 3 Piece	\$784.00
Accessory Options: Traffic Directing Tube Arrow Bar	\$909.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>NEW WAY - 22 YARD SIDEWINDER (Specification #103)</u>			
Amick Equipment Co., Inc.	2016 New Way Sidewinder Dump Style Body - 22 Yard	★Appalachia	\$102,560.00
Amick Equipment Co., Inc.	2016 New Way Sidewinder Dump Style Body - 22 Yard	★Dogwood	\$102,560.00
Amick Equipment Co., Inc.	2016 New Way Sidewinder Dump Style Body - 22 Yard	★Cardinal	\$102,560.00
Amick Equipment Co., Inc.	2016 New Way Sidewinder Dump Style Body - 22 Yard	★Longleaf Pine	\$102,560.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 22 YARD SIDEWINDER SPECIFICATION #103

2016 New Way Sidewinder Dump Style Body - 22 Yard

NEW WAY SIDEWINDER CHASSIS SPECS - BODY CAPACITY: 22 CUBIC YARDS, BODY WIDTH: 96", BODY LENGTH: 237", BODY HEIGHT: 108", RAISED TAILGATE HEIGHT: 213", BODY HEIGHT RAISED: 195", CAB OVER MUST BE FRONT MOUNT PUMP ONLY, WITH OVERSPEED PROTECTION- ENGINE: 300 HP SET AT 800 RPM IDLE, 1000 LB TORQUE AT IDLE - ALLISON: 3000 RDS TRANSMISSION WITH OVERSPEED PROTECTION; CONVENTIONAL CAB MUST BE HOT SHIFT PTO - ENGINE: 300 HP SET AT 800 RPM IDLE, 1000 LB TORQUE AT IDLE - ALLISON: 3000 RDS TRANSMISSION WITH HOT SHIFT PTO AND OVERSPEED PROTECTION; CHASSIS GVWR: 50,000 LBS MINIMUM; FRONT AXLE: 30,000 LBS, 35,000 SPRINGS; REAR AXLE: 20,000 LBS; USABLE CA SINGLE AXLE (CAB TO AXLE CENTERLINE) 160"; AFTER FRAME: 76"; CALL FOR LIFT AXLE INFORMATION ON SINGLE AXLE UNITS

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. FRONT AXLE WEIGHT RATING 22 YARD BODY

- a. 20,000 lb.

2. REAR AXLE WEIGHT RATING 22 YARD BODY

- a. 30,000 lb with 35,000 Leaf Springs
- b. Body Width - 96"
- c. Body Length - 237"
- d. Body Height - 108"
- e. Raised Tailgate Height - 213"
- f. Body Height Raised - 195"
- g. Minimum GVWR - 50,000 lb
- h. Wheelbase Requirement - 160" Usable

3. PACKER

- a. Hopper Capacity- 6 Cubic Yards
- b. Packer Swept Volume - 2 Cubic Yards
- c. Packer Cycle Time - 20 Seconds
- d. Ram Penetration - 8.5"
- e. Ram Compaction Force - 70,000 lbs at 2500 PSI

4. ARM SPECIFICATIONS

- a. Arm Extension - 144"
- b. Arm Lifting Capacity at Full Reach - 1,000 lbs

- c. Number of Horizontal Mast Bearings - 6
- d. Arm Cycle Time - 6 Seconds

5. BODY CONSTRUCTION

- a. Roof - 10 Gauge, 80,000 PSI
- b. Sides - 10 Gauge, AR450
- c. Packer Panel - 1/4" AR450
- d. Body Floor - 8 Gauge AR450
- e. Tailgate Back - 10 Gauge AR450
- f. Tailgate Sides - 10 Gauge 80,000 PSI
- g. Hopper Floor and Sides - 1/4" AR450
- h. Ram Guide - 3/8" x 3" AR400 Wear Strips

6. HYDRAULIC SYSTEM

- a. Oil Reservoir - 70 Gallon
- b. Oil Flow Rate - Body - 25 GPM @ Idle
- c. Oil Flow Rate - Arm - 17 GPM @ Idle

7. BODY OPERATING PRESSURE

- a. 22 Yard Units - 2,000 PSI

8. ARM OPERATING PRESSURE

- a. 2,000 PSI

9. HOSES

- a. 4 to 1 Burst Rating

10. RETURN FILTERS

- a. 10 Micron Absolute

11. HIGH PRESSURE FILTERS

- a. 10 Micron Absolute

12. ENGINE RPM

- a. In gear at idle

13. HYDRAULIC CYLINDER SPECIFICATIONS

- a. Tailgate Cylinders - 3" x 30" x 2" Rod
- b. Pack Panel Cylinders 4.5" x 43" x 3" Rod
- c. Gripper Cylinders 1.5" x 5" x 1" Rod
- d. Vertical Lift Cylinders 3" x 16" x 2" Rod
- e. Body Hoist Cylinder - 22 Cubic Yard Units - 6.5" x 150" x 4 Stage
- f. Horizontal Mast Cylinder - 2" x 54" x 1.25" Rod

14. PRE-CRUSHER PANEL

- a. 2" x 18" x 1.25" Rod

15. STANDARD EQUIPMENT

- a. Pack on the go
- b. Twin 12" x 16" Clean Out Doors
- c. Oil Pressure Gauges
- d. Chrome Cylinder Rods
- e. Side Access Door to Hopper
- f. Nitro Carbonate Single Hoist Cylinder
- g. Site Gauge on Reservoir Tank
- h. Tailgate Ajar Alarm
- i. Back up Alarm

- j. Body Ajar Alarm
- k. Arm Not Stowed Indicator
- l. LED Lights
- m. Front Mount Pump, Tandem Vane
- n. Arm Powder Coated New Way Safety Yellow - Triangle Kit - Electronic Filter in Bypass Indicator in Cab - Quick Disconnect Ports for Pressure Gauge - Can Bus Control System - Oil Tank Street Side - Dupont Imron 5000 Paint, White - Talamar Extreme Hydraulic Fluid
- o. Dual Camera/Flat Screen Color 5.6": Backup; 2nd Location Top of Bulkhead Facing Hopper - Reinforced Frame Mounted Arm - In-Line Heavy Duty Grippers - Sealed Roller Bearings on Packer Panel
- p. Ergonomic In-cab Control Panel and Joystick - Smooth Body Sidewall Design - Positive Automatic Tailgate Locks - Hour Meter on Pump - ANSI 245 Compliant - Complete Factory Mount - Integrated Strobe Package - Upper Tailgate - 10 lb Fire Extinguisher - Upper Light Bar With 2 Stop and Tail - Body Acrylic White, Match Cab Paint Code - Zinc Plated Tubes - Induction Hardened Pack Cylinders With Scrapers - Arm Control Joystick on Console - Internal Hydraulic Filters

16. STANDARD WARRANTIES

- a. 2 Year Cylinder Warranty
- b. 1 Year Body Warranty
- c. 1 Year Arm Warranty
- d. 1 Year Hydraulic Warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 22 YARD SIDEWINDER SPECIFICATION #103

2016 New Way Sidewinder Dump Style Body - 22 Yard

The New Way Sidewinder Dump Style Body - 22 Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$102,560.00	\$102,560.00	\$102,560.00	\$102,560.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Sidewinder Dump Style Body - 22 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$102,560.00	\$102,560.00	\$102,560.00	\$102,560.00

Order Code	Add Options	All Zones
	Pump PTO Options: Hot Shift PTO, Tandem Vane Pump, Conventional Cab ONLY	\$2,570.00
	Assist Axle Options: 13,200lb Pusher Axle with Tires	\$9,338.00
	Assist Axle Options: 13,200lb Pusher Axle without Tires	\$7,922.00
	Assist Axle Options: 13,200lb Tag Axle with Tires	\$10,111.00
	Assist Axle Options: 13,200lb Tag Axle without Tires	\$8,693.00
	Assist Axle Options: 13,200lb Steerable Tag Axle with Tires	\$11,160.00
	Lighting Options: LED Mid-Body Back-Up Lights (2)	\$436.00
	Lighting Options: LED Back-up Lights on Tailgate	\$488.00
	Lighting Options: LED Work Lights, 1 in Hopper, 1 Curbside Toward Arm	\$336.00
	Lighting Options: Strobe Light, Surface Mount: Strobe Light Package (Integrated Strobe System) 2 Round Lights Mounted on Lower Tailgate	\$496.00
	Lighting Options: Strobe Light, Surface Mount: Strobe Light Package (Integrated Strobe System) 2 Round Lights Mounted Front of Body	\$548.00
	Lighting Options: Strobe Light, Surface Mount: LED Round Strobes Mounted Front of Body. Non-integrated (2) Lights	\$400.00
	Lighting Options: Strobe Light, Surface Mount: LED Oval Strobes Mounted Lower Tailgate. 2 Lights, Non-integrated	\$400.00
	Lighting Options: Strobe Light, Surface Mount: LED Oval Strobes Mounted Front of Body. 2 Lights, Non-integrated	\$400.00
	Lighting Options: Strobe Light, Surface Mount: Traffic Advisory Board, Mounted Mid Tailgate <i>traffic advisory board</i> ¹	\$818.00 ¹
	Lighting Options: Strobe Light, Surface Mount: Brush Guards for Upper Light Bar	\$173.00
	Lighting Options: Wiring Circuit Including Switch for Customer Install of Other Lights - Back-up Alarm Upgrade 102db <i>just back up alarm</i> ¹	\$76.00 ¹
	Lighting Options: Wiring Circuit Including Switch for Customer Install of Other Lights - Back-up Alarm Auto Volumn Adjustable 87-112db <i>just adjustable back-up alarm</i> ¹	\$149.00 ¹
	Lighting Options: Wiring Circuit Including Switch for Customer Install of Other Lights - Back-up Collision Avoidance Sensor (Pre-view Brand) <i>back-up collision avoidance only</i> ¹	\$2,318.00 ¹
	Fire Extinguisher: Upgrade to 20lbs (10lb Standard)	\$97.00
	Camera Options: Dual Camera/Flat Screen Color 7.0": Back-up; 2nd Location Top of Front Bulkhead Facing Hopper <i>2nd location</i> ¹	\$206.00 ¹
	Camera Options: Triple Camera/Flat Screen Color 7.0": Back-up; 2nd Location Top of Front Bulkhead Facing Hopper; 3rd Location <i>2nd location 3rd location</i> ¹	\$1,750.00 ¹

VEHICLE:	Sidewinder Dump Style Body - 22 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$102,560.00	\$102,560.00	\$102,560.00	\$102,560.00

Camera Options: 3rd Eye Dual Camera Flat Screen Color 7.0" Back-up; 2nd Location Top of Bulkhead Facing Hopper <i>2nd location</i> ¹	\$643.00 ¹
Camera Options: 3rd Eye Triple Camera Flat Screen Color 7.0" Back-up; 2nd Location Top of Bulkhead Facing Hopper; 3rd Location Left Side of Cab Facing Rear	\$1,670.00
Camera Options: 3rd Eye, 4 Camera System - Rear, Hopper, LH Blind Spot, RH Arm Bullet Camera	\$2,368.00
Camera Options: DVR Recorder System for Camera	\$2,450.00
Camera Options: Other Camera Options Available as Non-Standard Options	NA
Paint Options: Body Acrylic Urethane Enamel Color Coat Other Than White. We Use Dupont Elite. (Body Paint Color Code is Required)	\$1,533.00
Paint Options: Arm Acrylic Urethane Enamel White or Color Coat Other Than Stock New Way Safety Yellow. We Use Dupont Elite. (Arm Paint Color Code is Required)	\$775.00
Paint Options: Prime Inside Body	\$468.00
Paint Options: Two Tone or Special Design (Mounted Units Only) <i>non-standard option</i> ¹	NA ¹
Hydraulics: Electronic Filter By-pass Indicator in Cab	\$241.00
Hydraulics: Hydraulic Shut Down When Filter in By-Pass	\$543.00
Hydraulics: High Temperature Fluid Switch	\$471.00
Hydraulics: Hour Meter on PTO	\$255.00
Hydraulics: Low Fluid Level Switch	\$471.00
Hydraulics: In tank Oil Heater	\$1,243.00
Hydraulics: External Oil Cooler (Required on E3 Unit)	\$3,869.00
Hydraulics: Nitride Pack Cylinders with Scrapers (If Required by Spec)	\$1,286.00
Hydraulics: Quick Disconnect Pressure Gauge	\$92.00
Arm Control Options: 300 Gallon Gripper	\$1,014.00
Arm Control Options: Arm Control Rocker Switches on Console	\$540.00
Arm Control Options: Arm Control Rocker Switches on Door	\$540.00
Arm Control Options: Arm Control Rocker Switches Under Seat	\$540.00
Arm Control Options: Arm Control Rocker Switches Under Dash	\$540.00
Arm Control Options: Arm Cycle Counter	\$242.00
Accessory Options: Slide Pin for Tailgate Lock	\$360.00
Accessory Options: Shovel/Brook Rack - Steel Tool Box 18 x 18 x 24 <i>tool box only</i> ¹	\$478.00 ¹
Accessory Options: Shovel/Brook Rack - Steel Tool Box 18 x 18 x 36 <i>tool box only</i> ¹	\$558.00 ¹
Accessory Options: Pre-Crusher Panel, Hydraulic Actuated	\$2,418.00
Accessory Options: Hopper Access Ladder	\$551.00
Accessory Options: Hardox Hopper Liner, 7 Gauge	\$833.00

VEHICLE:	Sidewinder Dump Style Body - 22 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$102,560.00	\$102,560.00	\$102,560.00	\$102,560.00

Accessory Options: Heavy Duty Arm	\$1,029.00
Accessory Options: Clean Out Shoot Extensions <i>2 each</i> ¹	\$245.00 ¹
Accessory Options: Front Body Closure - Splash Shield for Bulkhead	\$245.00
Accessory Options: Hopper Wind Deflector- Front Edge of Hopper - 3 Piece	\$784.00
Accessory Options: Traffic Directing Tube Arrow Bar	\$909.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>NEW WAY - 24 YARD SIDEWINDER (Specification #104)</u>			
Amick Equipment Co., Inc.	2016 New Way Sidewinder Dump Style Body - 24 Yard	★Appalachia	\$103,112.00
Amick Equipment Co., Inc.	2016 New Way Sidewinder Dump Style Body - 24 Yard	★Dogwood	\$103,112.00
Amick Equipment Co., Inc.	2016 New Way Sidewinder Dump Style Body - 24 Yard	★Cardinal	\$103,112.00
Amick Equipment Co., Inc.	2016 New Way Sidewinder Dump Style Body - 24 Yard	★Longleaf Pine	\$103,112.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 24 YARD SIDEWINDER **SPECIFICATION #104**

2016 New Way Sidewinder Dump Style Body - 24 Yard

NEW WAY SIDEWINDER CHASSIS SPECS - BODY CAPACITY: 24 CUBIC YARDS, BODY WIDTH: 96", BODY LENGTH: 247", BODY HEIGHT: 108", RAISED TAILGATE HEIGHT: 213", BODY HEIGHT RAISED: 195", CAB OVER MUST BE FRONT MOUNT PUMP ONLY, WITH OVERSPEED PROTECTION- ENGINE: 300 HP SET AT 800 RPM IDLE, 1000 LB TORQUE AT IDLE - ALLISON: 3000 RDS TRANSMISSION WITH OVERSPEED PROTECTION; CONVENTIONAL CAB MUST BE HOT SHIFT PTO - ENGINE: 300 HP SET AT 800 RPM IDLE, 1000 LB TORQUE AT IDLE - ALLISON: 3000 RDS TRANSMISSION WITH HOT SHIFT PTO AND OVERSPEED PROTECTION; CHASSIS GVWR: 50,000 LBS MINIMUM; FRONT AXLE: 30,000 LBS, 35,000 SPRINGS; REAR AXLE: 20,000 LBS; USABLE CA SINGLE AXLE (CAB TO AXLE CENTERLINE) 160"; AFTER FRAME: 76"; CALL FOR LIFT AXLE INFORMATION ON SINGLE AXLE UNITS

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **FRONT AXLE WEIGHT RATING 24 YARD BODY**

- a. 20,000 lb.

2. **REAR AXLE WEIGHT RATING 24 YARD BODY**

- a. 30,000 lb with 35,000 Leaf Springs
- b. Body Width - 96"
- c. Body Length - 247"
- d. Body Height - 108"
- e. Raised Tailgate Height - 213"
- f. Body Height Raised - 195"
- g. Minimum GVWR - 50,000 lb
- h. Wheelbase Requirement - 160" Usable

3. **PACKER**

- a. Hopper Capacity- 6 Cubic Yards
- b. Packer Swept Volume - 2 Cubic Yards
- c. Packer Cycle Time - 20 Seconds
- d. Ram Penetration - 8.5"
- e. Ram Compaction Force - 70,000 lbs at 2500 PSI

4. **ARM SPECIFICATIONS**

- a. Arm Extension - 144"
- b. Arm Lifting Capacity at Full Reach - 1,000 lbs

- c. Number of Horizontal Mast Bearings - 6
- d. Arm Cycle Time - 6 Seconds

5. BODY CONSTRUCTION

- a. Roof - 10 Gauge, 80,000 PSI
- b. Sides - 10 Gauge, AR450
- c. Packer Panel - 1/4" AR450
- d. Body Floor - 8 Gauge AR450
- e. Tailgate Back - 10 Gauge AR450
- f. Tailgate Sides - 10 Gauge 80,000 PSI
- g. Hopper Floor and Sides - 1/4" AR450
- h. Ram Guide - 3/8" x 3" AR400 Wear Strips

6. HYDRAULIC SYSTEM

- a. Oil Reservoir - 70 Gallon
- b. Oil Flow Rate - Body - 25 GPM @ Idle
- c. Oil Flow Rate - Arm - 17 GPM @ Idle

7. BODY OPERATING PRESSURE

- a. 24 Yard Units - 2,000 PSI

8. ARM OPERATING PRESSURE

- a. 2,000 PSI

9. HOSES

- a. 4 to 1 Burst Rating

10. RETURN FILTERS

- a. 10 Micron Absolute

11. HIGH PRESSURE FILTERS

- a. 10 Micron Absolute

12. ENGINE RPM

- a. In gear at idle

13. HYDRAULIC CYLINDER SPECIFICATIONS

- a. Tailgate Cylinders - 3" x 30" x 2" Rod
- b. Pack Panel Cylinders 4.5" x 43" x 3" Rod
- c. Gripper Cylinders 1.5" x 5" x 1" Rod
- d. Vertical Lift Cylinders 3" x 16" x 2" Rod
- e. Body Hoist Cylinder - 24 Cubic Yard Units - 6.5" x 150" x 4 Stage
- f. Horizontal Mast Cylinder - 2" x 54" x 1.25" Rod

14. PRE-CRUSHER PANEL

- a. 2" x 18" x 1.25" Rod

15. STANDARD EQUIPMENT

- a. Pack on the go
- b. Twin 12" x 16" Clean Out Doors
- c. Oil Pressure Gauges
- d. Chrome Cylinder Rods
- e. Side Access Door to Hopper
- f. Nitro Carbonate Single Hoist Cylinder
- g. Site Gauge on Reservoir Tank
- h. Tailgate Ajar Alarm
- i. Back up Alarm

- j. Body Ajar Alarm
- k. Arm Not Stowed Indicator
- l. LED Lights
- m. Front Mount Pump, Tandem Vane
- n. Arm Powder Coated New Way Safety Yellow - Triangle Kit - Electronic Filter in Bypass Indicator in Cab - Quick Disconnect Ports for Pressure Gauge - Can Bus Control System - Oil Tank Street Side - Dupont Imron 5000 Paint, White - Talamar Extreme Hydraulic Fluid
- o. Dual Camera/Flat Screen Color 5.6": Backup; 2nd Location Top of Bulkhead Facing Hopper - Reinforced Frame Mounted Arm - In-Line Heavy Duty Grippers - Sealed Roller Bearings on Packer Panel
- p. Ergonomic In-cab Control Panel and Joystick - Smooth Body Sidewall Design - Positive Automatic Tailgate Locks - Hour Meter on Pump - ANSI 245 Compliant - Complete Factory Mount - Integrated Strobe Package - Upper Tailgate - 10 lb Fire Extinguisher - Upper Light Bar With 2 Stop and Tail - Body Acrylic White, Match Cab Paint Code - Zinc Plated Tubes - Induction Hardened Pack Cylinders With Scrapers - Arm Control Joystick on Console - Internal Hydraulic Filters

16. STANDARD WARRANTIES

- a. 2 Year Cylinder Warranty
- b. 1 Year Body Warranty
- c. 1 Year Arm Warranty
- d. 1 Year Hydraulic Warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 24 YARD SIDEWINDER SPECIFICATION #104

2016 New Way Sidewinder Dump Style Body - 24 Yard

The New Way Sidewinder Dump Style Body - 24 Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$103,112.00	\$103,112.00	\$103,112.00	\$103,112.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Sidewinder Dump Style Body - 24 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$103,112.00	\$103,112.00	\$103,112.00	\$103,112.00

Order Code	Add Options	All Zones
	Pump PTO Options: Hot Shift PTO, Tandem Vane Pump, Conventional Cab ONLY	\$2,569.56
	Assist Axle Options: 13,200lb Pusher Axle with Tires	\$9,338.18
	Assist Axle Options: 13,200lb Pusher Axle without Tires	\$7,922.27
	Assist Axle Options: 13,200lb Tag Axle with Tires	\$10,110.95
	Assist Axle Options: 13,200lb Tag Axle without Tires	\$8,692.99
	Assist Axle Options: 13,200lb Steerable Tag Axle with Tires	\$11,159.51
	Lighting Options: LED Mid-Body Back-Up Lights (2)	\$435.51
	Lighting Options: LED Back-up Lights on Tailgate	\$487.99
	Lighting Options: LED Work Lights, 1 in Hopper, 1 Curbside Toward Arm	\$335.45
	Lighting Options: Strobe Light, Surface Mount: Strobe Light Package (Integrated Strobe System) 2 Round Lights Mounted Lower Tailgate	\$495.98
	Lighting Options: Strobe Light, Surface Mount: Strobe Light Package (Integrated Strobe System) 2 Round Lights Mounted Front of Body	\$547.43
	Lighting Options: Strobe Light, Surface Mount: LED Round Strobes Mounted Front of Body. Non-integrated (2) Lights	\$400.28
	Lighting Options: Strobe Light, Surface Mount: LED Oval Strobes Mounted Lower Tailgate. 2 Lights, Non-integrated	\$400.28
	Lighting Options: Strobe Light, Surface Mount: LED Oval Strobes Mounted Front of Body. 2 Lights, Non-integrated	\$400.28
	Lighting Options: Strobe Light, Surface Mount: Traffic Advisory Board, Mounted Mid Tailgate	\$818.06
	Lighting Options: Strobe Light, Surface Mount: Brush Guards for Upper Light Bar	\$172.87
	Lighting Options: Wiring Circuit Including Switch for Customer Install of Other Lights - Back-up Alarm Upgrade 102db <i>Back-up alarm 102db only</i> ¹	\$76.15 ¹
	Lighting Options: Wiring Circuit Including Switch for Customer Install of Other Lights - Back-up Alarm Auto Volumn Adjustable 87-112db <i>adjustable back-up alarm only</i> ¹	\$149.21 ¹
	Lighting Options: Wiring Circuit Including Switch for Customer Install of Other Lights - Back-up Collision Avoidance Sensor (Pre-view Brand) <i>Back-up collision avoidance only</i> ¹	\$2,318.34 ¹
	Fire Extinguisher: Upgrade to 20lbs (10lb Standard)	\$96.73
	Camera Options: Dual Camera/Flat Screen Color 7.0": Back-up; 2nd Location Top of Front Bulkhead Facing Hopper	\$205.80
	Camera Options: Triple Camera/Flat Screen Color 7.0": Back-up; 2nd Location Top of Front Bulkhead Facing Hopper; 3rd Location	\$1,750.33
	Camera Options: 3rd Eye Dual Camera Flat Screen Color 7.0" Back-up; 2nd Location Top of Bulkhead Facing Hopper	\$643.16

VEHICLE:	Sidewinder Dump Style Body - 24 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$103,112.00	\$103,112.00	\$103,112.00	\$103,112.00

Camera Options: 3rd Eye Triple Camera Flat Screen Color 7.0" Back-up; 2nd Location Top of Bulkhead Facing Hopper; 3rd Location Left Side of Cab Facing Rear	\$1,670.07
Camera Options: 3rd Eye, 4 Camera System - Rear, Hopper, LH Blind Spot, RH Arm Bullet Camera	\$2,367.68
Camera Options: DVR Recorder System for Camera	\$2,450.00
Camera Options: Other Camera Options Available as Non-Standard Options	NA
Paint Options: Body Acrylic Urethane Enamel Color Coat Other Than White. We Use Dupont Elite. (Body Paint Color Code is Required)	\$1,533.21
Paint Options: Arm Acrylic Urethane Enamel White or Color Coat Other Than Stock New Way Safety Yellow. We Use Dupont Elite. (Arm Paint Color Code is Required)	\$774.84
Paint Options: Prime Inside Body	\$468.20
Paint Options: Two Tone or Special Design (Mounted Units Only) <i>Non-standard option</i> ¹	NA ¹
Hydraulics: Electronic Filter By-pass Indicator in Cab	\$240.79
Hydraulics: Hydraulic Shut Down When Filter in By-Pass	\$543.31
Hydraulics: High Temperature Fluid Switch	\$471.28
Hydraulics: Hour Meter on PTO	\$255.19
Hydraulics: Low Fluid Level Switch	\$471.28
Hydraulics: In tank Oil Heater	\$1,243.03
Hydraulics: External Oil Cooler (Required on E3 Unit)	\$3,869.04
Hydraulics: Nitride Pack Cylinders with Scrapers (If Required by Spec)	\$1,286.25
Hydraulics: Quick Disconnect Pressure Gauge	\$91.58
Arm Control Options: 300 Gallon Gripper	\$1,013.57
Arm Control Options: Arm Control Rocker Switches on Console	\$540.23
Arm Control Options: Arm Control Rocker Switches on Door	\$540.23
Arm Control Options: Arm Control Rocker Switches Under Seat	\$540.23
Arm Control Options: Arm Control Rocker Switches Under Dash	\$540.23
Arm Control Options: Arm Cycle Counter	\$241.82
Accessory Options: Slide Pin for Tailgate Lock	\$360.15
Accessory Options: Shovel/Brook Rack - Steel Tool Box 18 x 18 x 24 <i>tool box only</i> ¹	\$477.46 ¹
Accessory Options: Shovel/Brook Rack - Steel Tool Box 18 x 18 x 36 <i>tool box only</i> ¹	\$557.72 ¹
Accessory Options: Pre-Crusher Panel, Hydraulic Actuated	\$2,418.15
Accessory Options: Hopper Access Ladder	\$550.52
Accessory Options: Hardox Hopper Liner, 7 Gauge	\$833.00
Accessory Options: Heavy Duty Arm	\$1,029.00
Accessory Options: Clean Out Shoot Extensions <i>2 each</i> ¹	\$245.00 ¹

VEHICLE:	Sidewinder Dump Style Body - 24 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$103,112.00	\$103,112.00	\$103,112.00	\$103,112.00

Accessory Options: Front Body Closure - Splash Shield for Bulkhead	\$245.00
Accessory Options: Hopper Wind Deflector- Front Edge of Hopper - 3 Piece	\$784.00
Accessory Options: Traffic Directing Tube Arrow Bar	\$908.46



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>NEW WAY - 29 YARD SIDEWINDER (Specification #105)</u>			
Amick Equipment Co., Inc.	2016 New Way Sidewinder Dump Style Body - 29 Yard	★Appalachia	\$106,262.00
Amick Equipment Co., Inc.	2016 New Way Sidewinder Dump Style Body - 29 Yard	★Dogwood	\$106,262.00
Amick Equipment Co., Inc.	2016 New Way Sidewinder Dump Style Body - 29 Yard	★Cardinal	\$106,262.00
Amick Equipment Co., Inc.	2016 New Way Sidewinder Dump Style Body - 29 Yard	★Longleaf Pine	\$106,262.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 29 YARD SIDEWINDER **SPECIFICATION #105**

2016 New Way Sidewinder Dump Style Body - 29 Yard

NEW WAY SIDEWINDER CHASSIS SPECS - BODY CAPACITY: 29 CUBIC YARDS, BODY WIDTH: 96", BODY LENGTH: 286", BODY HEIGHT: 108", RAISED TAILGATE HEIGHT: 213", BODY HEIGHT RAISED: 229", CAB OVER MUST BE FRONT MOUNT PUMP ONLY, WITH OVERSPEED PROTECTION- ENGINE: 350 HP SET AT 800 RPM IDLE, 1000 LB TORQUE AT IDLE - ALLISON: 4500 RDS TRANSMISSION WITH OVERSPEED PROTECTION; CONVENTIONAL CAB MUST BE HOT SHIFT PTO - ENGINE: 350 HP SET AT 800 RPM IDLE, 1000 LB TORQUE AT IDLE - ALLISON: 4500 RDS TRANSMISSION WITH HOT SHIFT PTO AND OVERSPEED PROTECTION; CHASSIS GVWR: 66,000 LBS MINIMUM; FRONT AXLE: 20,000 LBS; REAR AXLE: 46,000 REAR TANDEM; WHEEL BASE: 221"; USABLE CT (CAB TO AXLE CENTERLINE) 197"; CONVENTIONAL CAB CA (CAB TO AXLE CENTERLINE CLEAR): 195" clear; AFTER FRAME: 76"; lift axle may be required for this body. check with sales rep for confirmation

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. STANDARD SPECIFICATIONS

- a. Body Width - 96"
- b. Body Length - 286"
- c. Body Height - 108"
- d. Raised Tailgate Height - 213"
- e. Body Height Raised - 229"
- f. Minimum GVWR - 64,000 lb
- g. Tandem Axle Wheelbase Requirement - 221"

2. PACKER

- a. Hopper Capacity- 6 Cubic Yards
- b. Packer Swept Volume - 2 Cubic Yards
- c. Packer Cycle Time - 20 Seconds
- d. Ram Penetration - 8.5"
- e. Ram Compaction Force - 70,000 lbs at 2500 PSI

3. ARM SPECIFICATIONS

- a. Arm Extension - 144"
- b. Arm Lifting Capacity at Full Reach - 1,000 lbs
- c. Number of Horizontal Mast Bearings - 6
- d. Arm Cycle Time - 6 Seconds

4. BODY CONSTRUCTION

- a. Roof - 10 Gauge, 80,000 PSI
- b. Sides - 10 Gauge, AR450
- c. Packer Panel - 1/4" AR450
- d. Body Floor - 8 Gauge AR450
- e. Tailgate Back - 10 Gauge AR450
- f. Tailgate Sides - 10 Gauge 80,000 PSI
- g. Hopper Floor and Sides - 1/4" AR450
- h. Ram Guide - 3/8" x 3" AR400 Wear Strips

5. HYDRAULIC SYSTEM

- a. Oil Reservoir - 70 Gallon
- b. Oil Flow Rate - Body - 25 GPM @ Idle
- c. Oil Flow Rate - Arm - 17 GPM @ Idle

6. BODY OPERATING PRESSURE

- a. 29 Yard Units - 2,500 PSI

7. ARM OPERATING PRESSURE

- a. 2,000 PSI

8. HOSES

- a. 4 to 1 Burst Rating

9. RETURN FILTERS

- a. 10 Micron Absolute

10. HIGH PRESSURE FILTERS

- a. 10 Micron Absolute

11. ENGINE RPM

- a. In gear at idle

12. HYDRAULIC CYLINDER SPECIFICATIONS

- a. Tailgate Cylinders - 3" x 30" x 2" Rod
- b. Pack Panel Cylinders 4.5" x 43" x3 " Rod
- c. Gripper Cylinders 1.5" x 5" x 1" Rod
- d. Vertical Lift Cylinders 3" x 16" x 2" Rod
- e. Body Hoist Cylinder - 29 Cubic Yard Units - 6.5" x 180" x 4 Stage
- f. Horizontal Mast Cylinder - 2" x 54" x 1.25" Rod

13. PRE-CRUSHER PANEL

- a. 2" x 18" x 1.25" Rod

14. STANDARD EQUIPMENT

- a. Pack on the go
- b. Twin 12" x 16" Clean Out Doors
- c. Oil Pressure Gauges
- d. Chrome Cylinder Rods
- e. Side Access Door to Hopper
- f. Nitro Carbonate Single Hoist Cylinder
- g. Site Gauge on Reservoir Tank
- h. Tailgate Ajar Alarm
- i. Back up Alarm
- j. Body Ajar Alarm
- k. Arm Not Stowed Indicator
- l. LED Lights

- m. Front Mount Pump, Tandem Vane
- n. Arm Powder Coated New Way Safety Yellow - Triangle Kit - Electronic Filter in Bypass Indicator in Cab - Quick Disconnect Ports for Pressure Gauge - Can Bus Control System - Oil Tank Street Side - Dupont Imron 5000 Paint, White - Talamar Extreme Hydraulic Fluid
- o. Dual Camera/Flat Screen Color 5.6": Backup; 2nd Location Top of Bulkhead Facing Hopper - Reinforced Frame Mounted Arm - In-Line Heavy Duty Grippers - Sealed Roller Bearings on Packer Panel
- p. Ergonomic In-cab Control Panel and Joystick - Smooth Body Sidewall Design - Positive Automatic Tailgate Locks - Hour Meter on Pump - ANSI 245 Compliant - Complete Factory Mount - Integrated Strobe Package - Upper Tailgate - 10 lb Fire Extinguisher - Upper Light Bar With 2 Stop and Tail - Body Acrylic White, Match Cab Paint Code - Zinc Plated Tubes - Induction Hardened Pack Cylinders With Scrapers - Arm Control Joystick on Console - Internal Hydraulic Filters

15. STANDARD WARRANTIES

- a. 2 Year Cylinder Warranty
- b. 1 Year Body Warranty
- c. 1 Year Arm Warranty
- d. 1 Year Hydraulic Warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 29 YARD SIDEWINDER SPECIFICATION #105

2016 New Way Sidewinder Dump Style Body - 29 Yard

The New Way Sidewinder Dump Style Body - 29 Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$106,262.00	\$106,262.00	\$106,262.00	\$106,262.00

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The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Sidewinder Dump Style Body - 29 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$106,262.00	\$106,262.00	\$106,262.00	\$106,262.00

Order Code	Add Options	All Zones
	Pump PTO Options: Hot Shift PTO, Tandem Vane Pump, Conventional Cab ONLY	\$2,570.00
	Assist Axle Options: 13,200lb Pusher Axle with Tires	\$9,339.00
	Assist Axle Options: 13,200lb Pusher Axle without Tires	\$7,922.00
	Assist Axle Options: 13,200lb Tag Axle with Tires	\$10,111.00
	Assist Axle Options: 13,200lb Tag Axle without Tires	\$8,693.00
	Assist Axle Options: 13,200lb Steerable Tag Axle with Tires	\$11,160.00
	Lighting Options: LED Mid-Body Back-Up Lights (2)	\$436.00
	Lighting Options: LED Back-up Lights on Tailgate	\$488.00
	Lighting Options: LED Work Lights, 1 in Hopper, 1 Curbside Toward Arm	\$336.00
	Lighting Options: Strobe Light, Surface Mount: Strobe Light Package (Integrated Strobe System) 2 Round Lights Mounted Lower Tailgate	\$496.00
	Lighting Options: Strobe Light, Surface Mount: Strobe Light Package (Integrated Strobe System) 2 Round Lights Mounted Front of Body	\$548.00
	Lighting Options: Strobe Light, Surface Mount: LED Round Strobes Mounted Front of Body. Non-integrated (2) Lights	\$400.00
	Lighting Options: Strobe Light, Surface Mount: LED Oval Strobes Mounted Lower Tailgate. 2 Lights, Non-integrated	\$400.00
	Lighting Options: Strobe Light, Surface Mount: LED Oval Strobes Mounted Front of Body. 2 Lights, Non-integrated	\$400.00
	Lighting Options: Strobe Light, Surface Mount: Traffic Advisory Board, Mounted Mid Tailgate	\$818.00
	Lighting Options: Strobe Light, Surface Mount: Brush Guards for Upper Light Bar	\$173.00
	Lighting Options: Wiring Circuit Including Switch for Customer Install of Other Lights - Back-up Alarm Upgrade 102db <i>Back-up alarm only 102db</i> ¹	\$76.00 ¹
	Lighting Options: Wiring Circuit Including Switch for Customer Install of Other Lights - Back-up Alarm Auto Volumn Adjustable 87-112db <i>back-up alarm only, adjustable</i> ¹	\$149.00 ¹
	Lighting Options: Wiring Circuit Including Switch for Customer Install of Other Lights - Back-up Collision Avoidance Sensor (Pre-view Brand) <i>back-up collision avoidance only</i> ¹	\$2,319.00 ¹
	Fire Extinguisher: Upgrade to 20lbs (10lb Standard)	\$97.00
	Camera Options: Dual Camera/Flat Screen Color 7.0": Back-up; 2nd Location Top of Front Bulkhead Facing Hopper	\$206.00
	Camera Options: Triple Camera/Flat Screen Color 7.0": Back-up; 2nd Location Top of Front Bulkhead Facing Hopper; 3rd Location	\$1,750.00
	Camera Options: 3rd Eye Dual Camera Flat Screen Color 7.0" Back-up; 2nd Location Top of Bulkhead Facing Hopper	\$643.00

VEHICLE:	Sidewinder Dump Style Body - 29 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$106,262.00	\$106,262.00	\$106,262.00	\$106,262.00

Camera Options: 3rd Eye Triple Camera Flat Screen Color 7.0" Back-up; 2nd Location Top of Bulkhead Facing Hopper; 3rd Location Left Side of Cab Facing Rear	\$1,670.00
Camera Options: 3rd Eye, 4 Camera System - Rear, Hopper, LH Blind Spot, RH Arm Bullet Camera	\$2,368.00
Camera Options: DVR Recorder System for Camera	\$2,450.00
Camera Options: Other Camera Options Available as Non-Standard Options	NA
Paint Options: Body Acrylic Urethane Enamel Color Coat Other Than White. We Use Dupont Elite. (Body Paint Color Code is Required)	\$1,533.00
Paint Options: Arm Acrylic Urethane Enamel White or Color Coat Other Than Stock New Way Safety Yellow. We Use Dupont Elite. (Arm Paint Color Code is Required)	\$775.00
Paint Options: Prime Inside Body	\$468.00
Paint Options: Two Tone or Special Design (Mounted Units Only) <i>Non-standard option</i> ¹	NA ¹
Hydraulics: Electronic Filter By-pass Indicator in Cab	\$241.00
Hydraulics: Hydraulic Shut Down When Filter in By-Pass	\$543.00
Hydraulics: High Temperature Fluid Switch	\$471.00
Hydraulics: Hour Meter on PTO	\$255.00
Hydraulics: Low Fluid Level Switch	\$471.00
Hydraulics: In tank Oil Heater	\$1,243.00
Hydraulics: External Oil Cooler (Required on E3 Unit)	\$3,869.00
Hydraulics: Nitride Pack Cylinders with Scrapers (If Required by Spec)	\$1,287.00
Hydraulics: Quick Disconnect Pressure Gauge	\$92.00
Arm Control Options: 300 Gallon Gripper	\$1,014.00
Arm Control Options: Arm Control Rocker Switches on Console	\$541.00
Arm Control Options: Arm Control Rocker Switches on Door	\$541.00
Arm Control Options: Arm Control Rocker Switches Under Seat	\$541.00
Arm Control Options: Arm Control Rocker Switches Under Dash	\$541.00
Arm Control Options: Arm Cycle Counter	\$242.00
Accessory Options: Slide Pin for Tailgate Lock	\$360.00
Accessory Options: Shovel/Brook Rack - Steel Tool Box 18 x 18 x 24 <i>tool box only</i> ¹	\$477.00 ¹
Accessory Options: Shovel/Brook Rack - Steel Tool Box 18 x 18 x 36	\$558.00
Accessory Options: Pre-Crusher Panel, Hydraulic Actuated	\$2,419.00
Accessory Options: Hopper Access Ladder	\$551.00
Accessory Options: Hardox Hopper Liner, 7 Gauge	\$833.00
Accessory Options: Heavy Duty Arm	\$1,029.00
Accessory Options: Clean Out Shoot Extensions <i>2 each</i> ¹	\$245.00 ¹

VEHICLE:	Sidewinder Dump Style Body - 29 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$106,262.00	\$106,262.00	\$106,262.00	\$106,262.00

Accessory Options: Front Body Closure - Splash Shield for Bulkhead	\$245.00
Accessory Options: Hopper Wind Deflector- Front Edge of Hopper - 3 Piece	\$784.00
Accessory Options: Traffic Directing Tube Arrow Bar	\$909.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>NEW WAY - 31 YARD SIDEWINDER (Specification #106)</u>			
Amick Equipment Co., Inc.	2016 New Way Sidewinder Dump Style Body - 31 Yard	★Appalachia	\$107,048.00
Amick Equipment Co., Inc.	2016 New Way Sidewinder Dump Style Body - 31 Yard	★Dogwood	\$107,048.00
Amick Equipment Co., Inc.	2016 New Way Sidewinder Dump Style Body - 31 Yard	★Cardinal	\$107,048.00
Amick Equipment Co., Inc.	2016 New Way Sidewinder Dump Style Body - 31 Yard	★Longleaf Pine	\$107,048.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 31 YARD SIDEWINDER **SPECIFICATION #106**

2016 New Way Sidewinder Dump Style Body - 31 Yard

NEW WAY SIDEWINDER CHASSIS SPECS - BODY CAPACITY: 31 CUBIC YARDS, BODY WIDTH: 96", BODY LENGTH: 297", BODY HEIGHT: 108", RAISED TAILGATE HEIGHT: 213", BODY HEIGHT RAISED: 229", CAB OVER MUST BE FRONT MOUNT PUMP ONLY, WITH OVERSPEED PROTECTION- ENGINE: 350 HP SET AT 800 RPM IDLE, 1000 LB TORQUE AT IDLE - ALLISON: 4500 RDS TRANSMISSION WITH OVERSPEED PROTECTION; CONVENTIONAL CAB MUST BE HOT SHIFT PTO - ENGINE: 350 HP SET AT 800 RPM IDLE, 1000 LB TORQUE AT IDLE - ALLISON: 4500 RDS TRANSMISSION WITH HOT SHIFT PTO AND OVERSPEED PROTECTION; CHASSIS GVWR: 66,000 LBS MINIMUM; FRONT AXLE: 20,000 LBS; REAR AXLE: 46,000 REAR TANDEM; WHEEL BASE: 221"; USABLE CT (CAB TO AXLE CENTERLINE) 197"; CONVENTIONAL CAB CA (CAB TO AXLE CENTERLINE CLEAR): 195" clear; AFTER FRAME: 76"; lift axle may be required for this body. check with sales rep for confirmation

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. STANDARD SPECIFICATIONS

- a. Body Width - 96"
- b. Body Length - 286"
- c. Body Height - 108"
- d. Raised Tailgate Height - 213"
- e. Body Height Raised - 229"
- f. Minimum GVWR - 64,000 lb
- g. Tandem Axle Wheelbase Requirement - 221"

2. PACKER

- a. Hopper Capacity- 6 Cubic Yards
- b. Packer Swept Volume - 2 Cubic Yards
- c. Packer Cycle Time - 20 Seconds
- d. Ram Penetration - 8.5"
- e. Ram Compaction Force - 70,000 lbs at 2500 PSI

3. ARM SPECIFICATIONS

- a. Arm Extension - 144"
- b. Arm Lifting Capacity at Full Reach - 1,000 lbs
- c. Number of Horizontal Mast Bearings - 6
- d. Arm Cycle Time - 6 Seconds

4. BODY CONSTRUCTION

- a. Roof - 10 Gauge, 80,000 PSI
- b. Sides - 10 Gauge, AR450
- c. Packer Panel - 1/4" AR450
- d. Body Floor - 8 Gauge AR450
- e. Tailgate Back - 10 Gauge AR450
- f. Tailgate Sides - 10 Gauge 80,000 PSI
- g. Hopper Floor and Sides - 1/4" AR450
- h. Ram Guide - 3/8" x 3" AR400 Wear Strips

5. HYDRAULIC SYSTEM

- a. Oil Reservoir - 70 Gallon
- b. Oil Flow Rate - Body - 25 GPM @ Idle
- c. Oil Flow Rate - Arm - 17 GPM @ Idle

6. BODY OPERATING PRESSURE

- a. 31 Yard Units - 2,500 PSI

7. ARM OPERATING PRESSURE

- a. 2,000 PSI

8. HOSES

- a. 4 to 1 Burst Rating

9. RETURN FILTERS

- a. 10 Micron Absolute

10. HIGH PRESSURE FILTERS

- a. 10 Micron Absolute

11. ENGINE RPM

- a. In gear at idle

12. HYDRAULIC CYLINDER SPECIFICATIONS

- a. Tailgate Cylinders - 3" x 30" x 2" Rod
- b. Pack Panel Cylinders 4.5" x 43" x 3" Rod
- c. Gripper Cylinders 1.5" x 5" x 1" Rod
- d. Vertical Lift Cylinders 3" x 16" x 2" Rod
- e. Body Hoist Cylinder - 31 Cubic Yard Units - 6.5" x 180" x 4 Stage
- f. Horizontal Mast Cylinder - 2" x 54" x 1.25" Rod

13. PRE-CRUSHER PANEL

- a. 2" x 18" x 1.25" Rod

14. STANDARD EQUIPMENT

- a. Pack on the go
- b. Twin 12" x 16" Clean Out Doors
- c. Oil Pressure Gauges
- d. Chrome Cylinder Rods
- e. Side Access Door to Hopper
- f. Nitro Carbonate Single Hoist Cylinder
- g. Site Gauge on Reservoir Tank
- h. Tailgate Ajar Alarm
- i. Back up Alarm
- j. Body Ajar Alarm
- k. Arm Not Stowed Indicator
- l. LED Lights

- m. Front Mount Pump, Tandem Vane
- n. Arm Powder Coated New Way Safety Yellow - Triangle Kit - Electronic Filter in Bypass Indicator in Cab - Quick Disconnect Ports for Pressure Gauge - Can Bus Control System - Oil Tank Street Side - Dupont Imron 5000 Paint, White - Talamar Extreme Hydraulic Fluid
- o. Dual Camera/Flat Screen Color 5.6": Backup; 2nd Location Top of Bulkhead Facing Hopper - Reinforced Frame Mounted Arm - In-Line Heavy Duty Grippers - Sealed Roller Bearings on Packer Panel
- p. Ergonomic In-cab Control Panel and Joystick - Smooth Body Sidewall Design - Positive Automatic Tailgate Locks - Hour Meter on Pump - ANSI 245 Compliant - Complete Factory Mount - Integrated Strobe Package - Upper Tailgate - 10 lb Fire Extinguisher - Upper Light Bar With 2 Stop and Tail - Body Acrylic White, Match Cab Paint Code - Zinc Plated Tubes - Induction Hardened Pack Cylinders With Scrapers - Arm Control Joystick on Console - Internal Hydraulic Filters

15. STANDARD WARRANTIES

- a. 2 Year Cylinder Warranty
- b. 1 Year Body Warranty
- c. 1 Year Arm Warranty
- d. 1 Year Hydraulic Warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 31 YARD SIDEWINDER SPECIFICATION #106

2016 New Way Sidewinder Dump Style Body - 31 Yard

The New Way Sidewinder Dump Style Body - 31 Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$107,048.00	\$107,048.00	\$107,048.00	\$107,048.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Sidewinder Dump Style Body - 31 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$107,048.00	\$107,048.00	\$107,048.00	\$107,048.00

Order Code	Add Options	All Zones
	Pump PTO Options: Hot Shift PTO, Tandem Vane Pump, Conventional Cab ONLY	\$2,570.00
	Assist Axle Options: 13,200lb Pusher Axle with Tires	\$9,339.00
	Assist Axle Options: 13,200lb Pusher Axle without Tires	\$7,922.00
	Assist Axle Options: 13,200lb Tag Axle with Tires	\$10,111.00
	Assist Axle Options: 13,200lb Tag Axle without Tires	\$8,693.00
	Assist Axle Options: 13,200lb Steerable Tag Axle with Tires	\$11,160.00
	Lighting Options: LED Mid-Body Back-Up Lights (2)	\$436.00
	Lighting Options: LED Back-up Lights on Tailgate	\$488.00
	Lighting Options: LED Work Lights, 1 in Hopper, 1 Curbside Toward Arm	\$336.00
	Lighting Options: Strobe Light, Surface Mount: Strobe Light Package (Integrated Strobe System) 2 Round Lights Mounted Lower Tailgate	\$496.00
	Lighting Options: Strobe Light, Surface Mount: Strobe Light Package (Integrated Strobe System) 2 Round Lights Mounted Front of Body	\$548.00
	Lighting Options: Strobe Light, Surface Mount: LED Round Strobes Mounted Front of Body. Non-integrated (2) Lights	\$400.00
	Lighting Options: Strobe Light, Surface Mount: LED Oval Strobes Mounted Lower Tailgate. 2 Lights, Non-integrated	\$400.00
	Lighting Options: Strobe Light, Surface Mount: LED Oval Strobes Mounted Front of Body. 2 Lights, Non-integrated	\$400.00
	Lighting Options: Strobe Light, Surface Mount: Traffic Advisory Board, Mounted Mid Tailgate	\$400.00
	Lighting Options: Strobe Light, Surface Mount: Brush Guards for Upper Light Bar	\$818.00
	Lighting Options: Wiring Circuit Including Switch for Customer Install of Other Lights - Back-up Alarm Upgrade 102db <i>Back-up alarm 102db only</i> ¹	\$76.00 ¹
	Lighting Options: Wiring Circuit Including Switch for Customer Install of Other Lights - Back-up Alarm Auto Volumn Adjustable 87-112db <i>Back-up alarm adjustable volume only</i> ¹	\$149.00 ¹
	Lighting Options: Wiring Circuit Including Switch for Customer Install of Other Lights - Back-up Collision Avoidance Sensor (Pre-view Brand)	\$2,319.00
	Fire Extinguisher: Upgrade to 20lbs (10lb Standard)	\$97.00
	Camera Options: Dual Camera/Flat Screen Color 7.0": Back-up; 2nd Location Top of Front Bulkhead Facing Hopper	\$206.00
	Camera Options: Triple Camera/Flat Screen Color 7.0": Back-up; 2nd Location Top of Front Bulkhead Facing Hopper; 3rd Location	\$1,750.00
	Camera Options: 3rd Eye Dual Camera Flat Screen Color 7.0" Back-up; 2nd Location Top of Bulkhead Facing Hopper	\$643.00
	Camera Options: 3rd Eye Triple Camera Flat Screen Color 7.0" Back-up; 2nd Location Top of Bulkhead Facing Hopper; 3rd Location Left Side of Cab Facing Rear	\$1,670.00

VEHICLE:	Sidewinder Dump Style Body - 31 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$107,048.00	\$107,048.00	\$107,048.00	\$107,048.00

Camera Options: 3rd Eye, 4 Camera System - Rear, Hopper, LH Blind Spot, RH Arm Bullet Camera	\$2,368.00
Camera Options: DVR Recorder System for Camera	\$2,450.00
Camera Options: Other Camera Options Available as Non-Standard Options	NA
Paint Options: Body Acrylic Urethane Enamel Color Coat Other Than White. We Use Dupont Elite. (Body Paint Color Code is Required)	\$1,533.00
Paint Options: Arm Acrylic Urethane Enamel White or Color Coat Other Than Stock New Way Safety Yellow. We Use Dupont Elite. (Arm Paint Color Code is Required)	\$775.00
Paint Options: Prime Inside Body	\$468.00
Paint Options: Two Tone or Special Design (Mounted Units Only) <i>Non-standard option</i> ¹	NA ¹
Hydraulics: Electronic Filter By-pass Indicator in Cab	\$241.00
Hydraulics: Hydraulic Shut Down When Filter in By-Pass	\$543.00
Hydraulics: High Temperature Fluid Switch	\$471.00
Hydraulics: Hour Meter on PTO	\$255.00
Hydraulics: Low Fluid Level Switch	\$471.00
Hydraulics: In tank Oil Heater	\$1,243.00
Hydraulics: External Oil Cooler (Required on E3 Unit)	\$3,869.00
Hydraulics: Nitride Pack Cylinders with Scrapers (If Required by Spec)	\$1,287.00
Hydraulics: Quick Disconnect Pressure Gauge	\$92.00
Arm Control Options: 300 Gallon Gripper	\$1,014.00
Arm Control Options: Arm Control Rocker Switches on Console	\$541.00
Arm Control Options: Arm Control Rocker Switches on Door	\$541.00
Arm Control Options: Arm Control Rocker Switches Under Seat	\$541.00
Arm Control Options: Arm Control Rocker Switches Under Dash	\$541.00
Arm Control Options: Arm Cycle Counter	\$242.00
Accessory Options: Slide Pin for Tailgate Lock	\$360.00
Accessory Options: Shovel/Brook Rack - Steel Tool Box 18 x 18 x 24 <i>tool box only</i> ¹	\$477.00 ¹
Accessory Options: Shovel/Brook Rack - Steel Tool Box 18 x 18 x 36 <i>tool box only</i> ¹	\$558.00 ¹
Accessory Options: Pre-Crusher Panel, Hydraulic Actuated	\$2,419.00
Accessory Options: Hopper Access Ladder	\$551.00
Accessory Options: Hardox Hopper Liner, 7 Gauge	\$833.00
Accessory Options: Heavy Duty Arm	\$1,029.00
Accessory Options: Clean Out Shoot Extensions <i>2 each</i> ¹	\$245.00 ¹
Accessory Options: Front Body Closure - Splash Shield for Bulkhead	\$245.00

VEHICLE:	Sidewinder Dump Style Body - 31 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$107,048.00	\$107,048.00	\$107,048.00	\$107,048.00

Accessory Options: Hopper Wind Deflector- Front Edge of Hopper - 3 Piece	\$784.00
Accessory Options: Traffic Directing Tube Arrow Bar	\$909.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>NEW WAY - 33 YARD SIDEWINDER (Specification #107)</u>			
Amick Equipment Co., Inc.	2016 New Way Sidewinder Dump Style Body - 33 Yard	★Appalachia	\$107,836.00
Amick Equipment Co., Inc.	2016 New Way Sidewinder Dump Style Body - 33 Yard	★Dogwood	\$107,836.00
Amick Equipment Co., Inc.	2016 New Way Sidewinder Dump Style Body - 33 Yard	★Cardinal	\$107,836.00
Amick Equipment Co., Inc.	2016 New Way Sidewinder Dump Style Body - 33 Yard	★Longleaf Pine	\$107,836.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 33 YARD SIDEWINDER **SPECIFICATION #107**

2016 New Way Sidewinder Dump Style Body - 33 Yard

NEW WAY SIDEWINDER CHASSIS SPECS - BODY CAPACITY: 33 CUBIC YARDS, BODY WIDTH: 96", BODY LENGTH: 308", BODY HEIGHT: 108", RAISED TAILGATE HEIGHT: 213", BODY HEIGHT RAISED: 229", CAB OVER MUST BE FRONT MOUNT PUMP ONLY, WITH OVERSPEED PROTECTION- ENGINE: 350 HP SET AT 800 RPM IDLE, 1000 LB TORQUE AT IDLE - ALLISON: 4500 RDS TRANSMISSION WITH OVERSPEED PROTECTION; CONVENTIONAL CAB MUST BE HOT SHIFT PTO - ENGINE: 350 HP SET AT 800 RPM IDLE, 1000 LB TORQUE AT IDLE - ALLISON: 4500 RDS TRANSMISSION WITH HOT SHIFT PTO AND OVERSPEED PROTECTION; CHASSIS GVWR: 66,000 LBS MINIMUM; FRONT AXLE: 20,000 LBS; REAR AXLE: 46,000 REAR TANDEM; WHEEL BASE: 221"; USABLE CT (CAB TO AXLE CENTERLINE) 197"; CONVENTIONAL CAB CA (CAB TO AXLE CENTERLINE CLEAR): 195" clear; AFTER FRAME: 76"; LIFT AXLE MAY BE REQUIRED FOR THIS BODY. CHECK WITH SALES REP FOR CONFIRMATION.

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. STANDARD SPECIFICATIONS

- a. Body Width - 96"
- b. Body Length - 286"
- c. Body Height - 108"
- d. Raised Tailgate Height - 213"
- e. Body Height Raised - 229"
- f. Minimum GVWR - 64,000 lb
- g. Tandem Axle Wheelbase Requirement - 221"

2. PACKER

- a. Hopper Capacity- 6 Cubic Yards
- b. Packer Swept Volume - 2 Cubic Yards
- c. Packer Cycle Time - 20 Seconds
- d. Ram Penetration - 8.5"
- e. Ram Compaction Force - 70,000 lbs at 2500 PSI

3. ARM SPECIFICATIONS

- a. Arm Extension - 144"
- b. Arm Lifting Capacity at Full Reach - 1,000 lbs
- c. Number of Horizontal Mast Bearings - 6
- d. Arm Cycle Time - 6 Seconds

4. BODY CONSTRUCTION

- a. Roof - 10 Gauge, 80,000 PSI
- b. Sides - 10 Gauge, AR450
- c. Packer Panel - 1/4" AR450
- d. Body Floor - 8 Gauge AR450
- e. Tailgate Back - 10 Gauge AR450
- f. Tailgate Sides - 10 Gauge 80,000 PSI
- g. Hopper Floor and Sides - 1/4" AR450
- h. Ram Guide - 3/8" x 3" AR400 Wear Strips

5. HYDRAULIC SYSTEM

- a. Oil Reservoir - 70 Gallon
- b. Oil Flow Rate - Body - 25 GPM @ Idle
- c. Oil Flow Rate - Arm - 17 GPM @ Idle

6. BODY OPERATING PRESSURE

- a. 33 Yard Units - 2,500 PSI

7. ARM OPERATING PRESSURE

- a. 2,000 PSI

8. HOSES

- a. 4 to 1 Burst Rating

9. RETURN FILTERS

- a. 10 Micron Absolute

10. HIGH PRESSURE FILTERS

- a. 10 Micron Absolute

11. ENGINE RPM

- a. In gear at idle

12. HYDRAULIC CYLINDER SPECIFICATIONS

- a. Tailgate Cylinders - 3" x 30" x 2" Rod
- b. Pack Panel Cylinders 4.5" x 43" x3 " Rod
- c. Gripper Cylinders 1.5" x 5" x 1" Rod
- d. Vertical Lift Cylinders 3" x 16" x 2" Rod
- e. Body Hoist Cylinder - 33 Cubic Yard Units - 6.5" x 180" x 4 Stage
- f. Horizontal Mast Cylinder - 2" x 54" x 1.25" Rod

13. PRE-CRUSHER PANEL

- a. 2" x 18" x 1.25" Rod

14. STANDARD EQUIPMENT

- a. Pack on the go
- b. Twin 12" x 16" Clean Out Doors
- c. Oil Pressure Gauges
- d. Chrome Cylinder Rods
- e. Side Access Door to Hopper
- f. Nitro Carbonate Single Hoist Cylinder
- g. Site Gauge on Reservoir Tank
- h. Tailgate Ajar Alarm
- i. Back up Alarm
- j. Body Ajar Alarm
- k. Arm Not Stowed Indicator
- l. LED Lights

- m. Front Mount Pump, Tandem Vane
- n. Arm Powder Coated New Way Safety Yellow - Triangle Kit - Electronic Filter in Bypass Indicator in Cab - Quick Disconnect Ports for Pressure Gauge - Can Bus Control System - Oil Tank Street Side - Dupont Imron 5000 Paint, White - Talamar Extreme Hydraulic Fluid
- o. Dual Camera/Flat Screen Color 5.6": Backup; 2nd Location Top of Bulkhead Facing Hopper - Reinforced Frame Mounted Arm - In-Line Heavy Duty Grippers - Sealed Roller Bearings on Packer Panel
- p. Ergonomic In-cab Control Panel and Joystick - Smooth Body Sidewall Design - Positive Automatic Tailgate Locks - Hour Meter on Pump - ANSI 245 Compliant - Complete Factory Mount - Integrated Strobe Package - Upper Tailgate - 10 lb Fire Extinguisher - Upper Light Bar With 2 Stop and Tail - Body Acrylic White, Match Cab Paint Code - Zinc Plated Tubes - Induction Hardened Pack Cylinders With Scrapers - Arm Control Joystick on Console - Internal Hydraulic Filters

15. STANDARD WARRANTIES

- a. 2 Year Cylinder Warranty
- b. 1 Year Body Warranty
- c. 1 Year Arm Warranty
- d. 1 Year Hydraulic Warranty



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 33 YARD SIDEWINDER SPECIFICATION #107

2016 New Way Sidewinder Dump Style Body - 33 Yard

The New Way Sidewinder Dump Style Body - 33 Yard purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$107,836.00	\$107,836.00	\$107,836.00	\$107,836.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Sidewinder Dump Style Body - 33 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$107,836.00	\$107,836.00	\$107,836.00	\$107,836.00

Order Code	Add Options	All Zones
	Pump PTO Options: Hot Shift PTO, Tandem Vane Pump, Conventional Cab ONLY	\$2,570.00
	Assist Axle Options: 13,200lb Pusher Axle with Tires	\$9,339.00
	Assist Axle Options: 13,200lb Pusher Axle without Tires	\$7,922.00
	Assist Axle Options: 13,200lb Tag Axle with Tires	\$10,111.00
	Assist Axle Options: 13,200lb Tag Axle without Tires	\$8,693.00
	Assist Axle Options: 13,200lb Steerable Tag Axle with Tires	\$11,160.00
	Lighting Options: LED Mid-Body Back-Up Lights (2)	\$436.00
	Lighting Options: LED Back-up Lights on Tailgate	\$488.00
	Lighting Options: LED Work Lights, 1 in Hopper, 1 Curbside Toward Arm	\$336.00
	Lighting Options: Strobe Light, Surface Mount: Strobe Light Package (Integrated Strobe System) 2 Round Lights Mounted Lower Tailgate	\$496.00
	Lighting Options: Strobe Light, Surface Mount: Strobe Light Package (Integrated Strobe System) 2 Round Lights Mounted Front of Body	\$548.00
	Lighting Options: Strobe Light, Surface Mount: LED Round Strobes Mounted Front of Body. Non-integrated (2) Lights	\$400.00
	Lighting Options: Strobe Light, Surface Mount: LED Oval Strobes Mounted Lower Tailgate. 2 Lights, Non-integrated	\$400.00
	Lighting Options: Strobe Light, Surface Mount: LED Oval Strobes Mounted Front of Body. 2 Lights, Non-integrated	\$400.00
	Lighting Options: Strobe Light, Surface Mount: Traffic Advisory Board, Mounted Mid Tailgate <i>Traffic advisory board ONLY.</i> ¹	\$818.00 ¹
	Lighting Options: Strobe Light, Surface Mount: Brush Guards for Upper Light Bar	\$172.00
	Lighting Options: Wiring Circuit Including Switch for Customer Install of Other Lights - Back-up Alarm Upgrade 102db <i>back-up alarm upgrade ONLY.</i> ¹	\$76.00 ¹
	Lighting Options: Wiring Circuit Including Switch for Customer Install of Other Lights - Back-up Alarm Auto Volumn Adjustable 87-112db <i>back-up alarm upgrade ONLY.</i> ¹	\$149.00 ¹
	Lighting Options: Wiring Circuit Including Switch for Customer Install of Other Lights - Back-up Collision Avoidance Sensor (Pre-view Brand) <i>Back-up collision avoidance ONLY</i> ¹	\$2,319.00 ¹
	Fire Extinguisher: Upgrade to 20lbs (10lb Standard)	\$97.00
	Camera Options: Dual Camera/Flat Screen Color 7.0": Back-up; 2nd Location Top of Front Bulkhead Facing Hopper	\$206.00
	Camera Options: Triple Camera/Flat Screen Color 7.0": Back-up; 2nd Location Top of Front Bulkhead Facing Hopper; 3rd Location	\$1,750.00
	Camera Options: 3rd Eye Dual Camera Flat Screen Color 7.0" Back-up; 2nd Location Top of Bulkhead Facing Hopper	\$643.00

VEHICLE:	Sidewinder Dump Style Body - 33 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$107,836.00	\$107,836.00	\$107,836.00	\$107,836.00

Camera Options: 3rd Eye Triple Camera Flat Screen Color 7.0" Back-up; 2nd Location Top of Bulkhead Facing Hopper; 3rd Location Left Side of Cab Facing Rear	\$1,670.00
Camera Options: 3rd Eye, 4 Camera System - Rear, Hopper, LH Blind Spot, RH Arm Bullet Camera	\$2,368.00
Camera Options: DVR Recorder System for Camera	\$2,450.00
Camera Options: Other Camera Options Available as Non-Standard Options	NA
Paint Options: Body Acrylic Urethane Enamel Color Coat Other Than White. We Use Dupont Elite. (Body Paint Color Code is Required)	\$1,533.00
Paint Options: Arm Acrylic Urethane Enamel White or Color Coat Other Than Stock New Way Safety Yellow. We Use Dupont Elite. (Arm Paint Color Code is Required)	\$775.00
Paint Options: Prime Inside Body	\$468.00
Paint Options: Two Tone or Special Design (Mounted Units Only) <i>Non-Standard Option</i> ¹	NA ¹
Hydraulics: Electronic Filter By-pass Indicator in Cab	\$241.00
Hydraulics: Hydraulic Shut Down When Filter in By-Pass	\$543.00
Hydraulics: High Temperature Fluid Switch	\$471.00
Hydraulics: Hour Meter on PTO	\$255.00
Hydraulics: Low Fluid Level Switch	\$471.00
Hydraulics: In tank Oil Heater	\$1,243.00
Hydraulics: External Oil Cooler (Required on E3 Unit)	\$3,869.00
Hydraulics: Nitride Pack Cylinders with Scrapers (If Required by Spec)	\$1,287.00
Hydraulics: Quick Disconnect Pressure Gauge	\$92.00
Arm Control Options: 300 Gallon Gripper	\$1,014.00
Arm Control Options: Arm Control Rocker Switches on Console	\$541.00
Arm Control Options: Arm Control Rocker Switches on Door	\$541.00
Arm Control Options: Arm Control Rocker Switches Under Seat	\$541.00
Arm Control Options: Arm Control Rocker Switches Under Dash	\$541.00
Arm Control Options: Arm Cycle Counter	\$242.00
Accessory Options: Slide Pin for Tailgate Lock	\$360.00
Accessory Options: Shovel/Brook Rack - Steel Tool Box 18 x 18 x 24 <i>tool box only</i> ¹	\$477.00 ¹
Accessory Options: Shovel/Brook Rack - Steel Tool Box 18 x 18 x 36 <i>tool box only</i> ¹	\$558.00 ¹
Accessory Options: Pre-Crusher Panel, Hydraulic Actuated	\$2,419.00
Accessory Options: Hopper Access Ladder	\$551.00
Accessory Options: Hardox Hopper Liner, 7 Gauge	\$833.00
Accessory Options: Heavy Duty Arm	\$1,029.00
Accessory Options: Clean Out Shoot Extensions <i>2 each</i> ¹	\$245.00 ¹

VEHICLE:	Sidewinder Dump Style Body - 33 Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$107,836.00	\$107,836.00	\$107,836.00	\$107,836.00

Accessory Options: Front Body Closure - Splash Shield for Bulkhead	\$245.00
Accessory Options: Hopper Wind Deflector- Front Edge of Hopper - 3 Piece	\$784.00
Accessory Options: Traffic Directing Tube Arrow Bar	\$909.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>NEW WAY - 11 YARD VIPER REAR LOADER (Specification #108)</u>			
Amick Equipment Co., Inc.	2016 New Way 11 Yard Viper Rear Loader	★Appalachia	\$40,649.00
Amick Equipment Co., Inc.	2016 New Way 11 Yard Viper Rear Loader	★Dogwood	\$40,649.00
Amick Equipment Co., Inc.	2016 New Way 11 Yard Viper Rear Loader	★Cardinal	\$40,649.00
Amick Equipment Co., Inc.	2016 New Way 11 Yard Viper Rear Loader	★Longleaf Pine	\$40,649.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 11 YARD VIPER REAR LOADER **SPECIFICATION #108**

2016 New Way 11 Yard Viper Rear Loader

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **MAIN BODY RAILS**

a. C8 x 11.5# Structural Channel

2. **FLOOR**

a. Front .25-50k Rear .25-50K

3. **FLOOR BRACES**

a. 8" Wide; 10GA-50K

4. **CENTER FLOOR BRACES**

a. 8" Wide; 10GA-50K

5. **MOUNTING BRACKETS**

a. Welded to Main Body Rails; 1/2" - A36

6. **EJECTION PANEL TRACKS**

a. C8 x 11.5# Structural Channel Wear Strips

7. **SIDE WALLS**

a. 10GA - 80K

8. **ROOF**

a. 10GA - 80K

9. **REAR FRAME**

a. Formed 6 11/16" x 4 13/16", 1/4" - GR50 Formed + Welded 1/4" GR 50, Sides Upper and Lower

10. **TAILGATE HINGE LUGS**

a. 1" - A36

11. **UPPER BULKHEAD**

a. 10GA - 50K

12. **LOWER BULKHEAD**

a. 1/4" - 50K

13. ACCESS DOOR
 - a. 28" x 23 1/2"
14. UPPER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
15. LOWER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
16. BODY HEIGHT
 - a. 20 Yard - 83"
17. OVERALL HEIGHT WITH TAILGATE RAISED
 - a. 20 Yard - 158"
18. BODY LENGTH
 - a. 20 yard - 245"
19. OVERALL LENGTH WITH TAILGATE RAISED
 - a. 20 yard - 255"
20. INSIDE WIDTH
 - a. 11 - 25 yard - 93"
21. MAX OUTSIDE WIDTH
 - a. 11 - 25 Yard - 96"
22. APPROXIMATE BODY WEIGHT (IN LBS)
 - a. 25 Yard - 12,200lbs
23. BODY CAPACITIES
 - a. 20 Cubic Yard
24. HOPPER CAPACITY
 - a. 20 Cubic Yard Rear Loader - 3 Cubic Yards
25. HOPPER OPENING HEIGHT
 - a. 20RL - 52"
26. HOPPER OPENING WIDTH
 - a. 74"
27. UPPER HOPPER BRACE
 - a. Formed 1/4" - A36
28. HOPPER FLOOR
 - a. 1/4" 50k
29. HOPPER BRACES
 - a. Formed 1/4" 50k
30. TAILGATE SEAL HEIGHT
 - a. 22"

31. LOWER TAILGATE SIDE

a. 7 ga 50k

32. UPPER TAILGATE SIDES

a. 10 ga 50k

33. SLIDE TRACKS

a. Formed 1/4"- 50k

34. SLIDE WEAR STRIPS

a. 1/2" x 2 1/2" A36

35. TAILGATE SIDE BRACES

a. Formed 7GA - 50k

36. FACE SHEET

a. 10GA 50K

37. FACE SHEET BRACES

a. Formed 7 ga 50k

38. LUGS

a. 1" x 4" 1018CFG flat

39. LUG CENTER BRACES

a. Formed 10 GA 50k

40. UPPER SLIDE SHOE

a. 7 1/4" x 1" Lug 6 7/8" x 5 13/16" x 1 3/4" UHMW

41. SLIDE

a. 20RL - 4 1/2" Bore, 43" Stroke, 3" Rod

42. TAILGATE

a. 20RL 4" Bore, 24" Stroke, 1-3/4" Rod

43. EJECTION PANEL

a. 20RL 4 stage 6-1/2" Bore, 114" Stroke

44. MINIMUM GVWR (IN LBS.)

a. 20 - 33,000 lbs

45. RECOMMENDED CAB TO TRUNION

a. 20RL - 138"

46. ADDITIONAL STANDARD EQUIPMENT

- a. Semi auto cycling
- b. Auto back pack
- c. Accelerator kit
- d. Auto lock tailgate
- e. Back-Up alarm
- f. All LED lights
- g. Hydraulic tank temp gauge
- h. Right side hydraulic tank access port

- i. ICC lights and reflectors
- j. Site gauge on oil tank
- k. Oil pressure gauge
- l. Chrome cylinders
- m. Side access door
- n. Driver alert buzzer
- o. Tailgate ajar indicator
- p. Light bar
- q. Bolt on steps on rear
- r. Prime under paint
- s. Rear vision camera

47. TROUGH (YES OR NO)

- a. Yes

48. OPERATING PRESSURE

- a. 2,000 PSI

49. HOSES

- a. 4 to 1 BURST

50. FILTER

- a. 10 micron

51. PUMP FLOW

- a. 29 GPM @ 1,350-1,400 RPM

52. TANK CAPACITY

- a. 45 gallon with 100 mesh 141 micron suction strainer

53. CYLINDER PIN

- a. 1 1/4 OD 1144 Stressproof

54. CYLINDER SUPPORTS

- a. 3/4" A36 Formed 3/8" 50K

55. NOSE

- a. 1/4" A36

56. SHOES

- a. 1 11/16" x 2 1/4" x 12" UHMW qty (8)

57. UPPER FACE SHEET

- a. 10 GA 50K

58. BASE AND SUPPORT STRUCTURE

- a. Formed 1/4" 50K 1/4" X 4" tube 1/4" x 4: flat

59. BRONZE BUSHINGS

- a. 2" ID

60. SWEEP NOSE

- a. 5/8" A36

61. BACKING PLATE

a. 10 ga 50k

62. LOWER SLIDE SHOE

a. 5" x 21" x 5/8" A36 plate 1/2" x 24" x 2 3/4" UHMW

63. UPPER SLIDE CYLINDER PINS

a. 1 1/2" OD 1144 stressproof

64. UPPER SWEEP PINS

a. 1 1/2" OD 1144 stressproof

65. LOWER SWEEP PINS

a. 2" OD 1144 stressproof

66. FACE PLATE

a. 1/4" 50k

67. SWEEP

a. (2) 5" bore, 16" stroke, 2-1/2" rod

68. WARRANTY

- a. 2 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty

69. STEEL OPTIONS

- a. Ejection panel face 10ga 50k
- b. Upper body floor 10ga 80k
- c. Hopper floor and back 1/4" 50k and back 1/4" 100k
- d. Tailgate lower sides 7ga, 50k
- e. Slide face 7ga, 50k

70. HYDRAULICS

- a. Induction hardened slide rods
- b. Induction hardened sweep rods
- c. Zinc clear hydraulic tubes

71. SAFETY DEVICE OPTIONS

- a. Fire extinguisher - 10lb (standard on mounted units)
- b. Triangle Kit (standard on mounted units)



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 11 YARD VIPER REAR LOADER SPECIFICATION #108

2016 New Way 11 Yard Viper Rear Loader

The New Way 11 Yard Viper Rear Loader purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$40,649.00	\$40,649.00	\$40,649.00	\$40,649.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	11 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$40,649.00	\$40,649.00	\$40,649.00	\$40,649.00

Order Code	Add Options	All Zones
	Installed customer supplied scales (quoted on request)	NA
	Vulcan scale installed (4 point system)	\$11,073.00
	Vulcan scale installed (6 point system)	\$14,230.00
	Loadman scale installed (4 point system)	\$12,378.00
	Loadman scale installed (6 point system)	\$12,841.00
	Pump only	Std
	Manual transmission or automatic transmission (air assist PTO) Gear pump (requires additional solenoid valves for safety interlocks)	\$2,820.00
	Automatic transmission (hot shift) with pump	\$2,082.00
	Automatic transmission (hot shift with overspeed) with pump	\$2,361.00
	Automatic transmission (hot shift with overspeed) with pump, pack on the go	\$2,486.00
	Front mount muncie MLS	\$3,533.00
	Pack at lower RPM gear pump (additional charge) *1,000-1,200 <i>must have a factory specified torque rating by chassis and body models. consult factory. ¹</i>	\$770.00 ¹
	Pack at lower RPM vane pump (additional charge) *1,000-1,200 RPM (requires driveline or extension shaft) <i>must have a factory specified torque rating by chassis and body models. consult factory. ¹</i>	\$2,346.00 ¹
	*check with chassis manufacturer for adequate torque @ low RPM	NA
	Silent drive 20,000 lb pusher axle with tires	\$10,652.00
	Silent drive 20,000lb pusher axle without tires	\$8,337.00
	Silent drive 13,200 lb pusher axle with tires	\$9,257.00
	Silent drive 13,200 lb pusher axle without tires	\$7,853.00
	9,000 lb tulsa winch with latch kit	\$3,054.00
	12,000 lb tulsa winch with latch kit	\$3,997.00
	12,000 lb bloom winch with latch kit	\$3,997.00
	12,000 lb reeving cylinder with latch kit	\$4,891.00
	Kick bar with latch kit	\$3,572.00
	Kick bar without latch kit	\$3,045.00
	Extra valve section and handle (rear valve for future container handling option)	\$615.00
	Extra valve section (front valve with air actuator)	\$775.00
	Latch kit/trunion guides/ and container stops	\$525.00
	Brace roof and cut out for drum winch for future install	\$352.00
	Extra cable guide on drum winch rearward	\$281.00
	Lower loadsill 3"	\$183.00
	Perkins auto trunion lock	\$5,829.00

VEHICLE:	11 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$40,649.00	\$40,649.00	\$40,649.00	\$40,649.00

	*Note - Maximum of 2 valve sections available on rear valve for options information ¹	NA ¹
	Perkins cylinder actuated (no other container lifting devices) D6500	\$3,949.00
	Perkins cylinder actuated (with other container lifting devices) D6500 (not compatible with Kick Bar)	\$4,526.00
	Perkins rotary actuated (no other container lifting devices) D6220	\$5,400.00
	Perkins rotary actuated (with other container lifting devices) D6220	\$5,826.00
	Bayne rotary actuated (no other container lifting devices) MBTL180	\$5,095.00
	Bayne rotary actuated (with other container lifting devices) Revolution series	\$5,928.00
	Perkins auto arm lifter (D6098) (not compatible with any other container lifting devices)	\$7,621.00
	Extra valve section with extended handle (rear valve for future cart tipper installation)	\$615.00
	Street side linkage to operate tipper valve section	\$375.00
	Single tap-in-kit (required if more than two (2) container handling/cart tipper options or left side cart tipper)	\$937.00
	Dual tap-in-kit (required if dual tippers, unless street side linkage providing the sections are available)	\$1,105.00
	Extend loadsill and latch kit for future install of cart tipper	\$623.00
	Add hydraulic tubing to tailgate side for future tipper install	\$157.00
	Notch loadsill for tipper with other lifting devices	\$233.00
	LED mid body back-up lights includes up to two (2) lights	\$434.00
	LED work lights two (2) mounted, inside upper tailgate shining in hopper	\$329.00
	LED work lights two (2) mounted, outside upper tailgate shining rearward	\$450.00
	Strobe light (surface mount)	\$295.00
	Strobe light package (integrated strobe system) (2 round lights mounted upper tailgate)	\$461.00
	Strobe light package (integrated strobe system) (2 round lights mounted lower tailgate)	\$461.00
	Strobe light package (integrated strobe system) (2 round lights mounted front of body)	\$542.00
	LED round strobes upper tailgate (2 lights)	\$306.00
	LED round strobes lower tailgate (2 lights)	\$390.00
	LED round strobes at front of body (2 lights)	\$390.00
	LED oval strobes upper tailgate (2 lights)	\$390.00
	LED oval strobes at front of body (2 lights)	\$390.00
	LED 7" round strobes upper tailgate (2 lights)	\$547.00
	Traffic adviser board (not compatible with winches)	\$811.00
	Center mount brake (ID Cluster)	\$85.00
	Brush guards for upper light bar	\$171.00
	Wiring circuit including switch for customer install of lights	\$140.00
	Safety shut down curbside	Std
	Safety shut down streetside	\$151.00

VEHICLE:	11 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$40,649.00	\$40,649.00	\$40,649.00	\$40,649.00

Driver alert buzzer curb side	Std
Driver alert buzzer street side	\$102.00
Guard to protect control handles	\$68.00
Back up alarm upgrade 102db	\$75.00
Back up alarm auto volume adjustable	\$148.00
Interlock on front access door	Std
Back up collision avoidance sensor (pre-view)	\$2,298.00
Fire extinguisher - 20lb (upgrade from 10lb) (only available on mounted units only)	\$94.00
5.6" color flat screen with audio	Std
7.0" color flat screen with audio	\$214.00
3rd eye 7.0" color flat screen with audio	\$510.00
Prime Only	Std
Acrylic Urethane Enamel white (9-20RL)	\$1,600.00
Acrylic Urethane Enamel white (25-RL)	NA
Acrylic Urethane Enamel color (9-20RL)	\$2,077.00
Acrylic Urethane Enamel color (25 RL)	NA
Clear coat	\$1,600.00
Two tone or special design (mounted units only) <i>consult factory</i> ¹	NA ¹
Body under coating (mounted units only) (applied from frame rails to edge of body and under side of hopper)	\$1,509.00
Riding steps coated with black bed liner material	\$178.00
Prime inside of body (recommended for stock units)	\$383.00
Magnum package - hopper floor 1/4" 100k, tailgate lower sides 1/4" 50k, sweep and slide face 1/4" 80k, upper floor 7ga 50k, lower body floors 3/8" 50k	\$2,127.00
Upper body floor 1/4" 50k from 10ga 80k	\$693.00
Upper body floor 7ga 50k from 10ga 80k	\$491.00
Hopper floor and back 1/4" 100k	\$499.00
Hopper floor and back 3/8" 50k	\$605.00
Hopper floor 1/2" 50k, back 1/4" 100k AR200	\$1,220.00
Hopper liner floor and back 1/4" 100k	\$1,238.00
Reinforce hopper floor with additional braces	\$280.00
Tailgate lower side 1/4", 50k	\$406.00
Tailgate lower side 1/4", 80k	\$744.00
Tailgate lower side 1/4", 100k	\$1,149.00
Tailgate lower side liners 7ga, 50k	\$825.00
Tailgate lower side liners 1/4" 100k	\$1,647.00

VEHICLE:	11 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$40,649.00	\$40,649.00	\$40,649.00	\$40,649.00

Slide face 1/4" 50k	\$234.00
Slide face 1/4" 100k	\$386.00
Sweep face 1/4" 100k	\$276.00
Ejection panel face 7ga 50k	\$320.00
Ejection panel face 1/4" 50k	\$638.00
Full body weld inside vs. stitched	\$367.00
Full weld outside center trough	Std
Frame mounted hydraulic tank	\$584.00
Electronic filter by-pass indicator in cab	\$239.00
Hydraulic shut down when filter in by-pass	\$539.00
Hour meter on PTO	\$253.00
High temperature fluid switch	\$467.00
Low fluid level switch	\$462.00
In tank oil heater (110 volt)	\$1,173.00
In cab air controls for tailgate and eject (includes auto tailgate locks)	\$736.00
Remote hook-up with quick disconnects	\$1,042.00
Nylon sleeves on hoses	\$306.00
Viper slide cylinders on Cobra w 2500 PSI (STD on 11,13 yard)	\$472.00
Guards to protect roof hoses/pipes	\$424.00
Quick disconnect pressure port at front valve	Std
Quick connect pressure gauge	\$91.00
Auto lube system (up to 14 points)	\$5,632.00
Turnbuckles	\$367.00
Mud flaps behind rear axles	\$171.00
Mud flaps in front of rear axles	\$171.00
Shovel/broom rack	\$185.00
Steel tool box 18x18x24	\$496.00
Steel tool box 18x18x36	\$580.00
Steel tool box 18x18x46	\$636.00
Steel tool box 18x18x48	\$677.00
Sign brackets 3' x 5' (pair)	\$398.00
Sign brackets 42" x 78" (pair)	\$491.00
Sign brackets 60" x 72" (pair)	\$582.00
Access door 30" x 30"	\$220.00
Access door steps (ladder with handles)	\$347.00
Extra grab handles (set)	\$120.00
Container washout tank 35 gallon	\$1,479.00

VEHICLE:	11 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$40,649.00	\$40,649.00	\$40,649.00	\$40,649.00

Container washout tank 50 gallon	\$1,632.00
Water cooler and bracket	\$242.00
Steps extend length (not compatible with kick bar)	\$403.00
Steps extend width (max 102")	\$357.00
Hopper floor extension (limits fallback into hopper)	\$535.00
Tailgate seal extension (increases seal height)	\$331.00
Cup holder (mounted to side of tailgate)	\$76.00
3 year cylinder warranty (16 to 25 yard Cobra)	\$1,132.00
2 year body warranty	\$1,213.00
3 year body warranty	\$1,892.00
2 year hydraulic warranty	\$1,075.00
3 year hydraulic warranty (excludes cylinders)	\$1,567.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>NEW WAY - 12.6 YARD VIPER REAR LOADER (Specification #109)</u>			
Amick Equipment Co., Inc.	2016 New Way 12.6 Yard Viper Rear Loader	★Appalachia	\$41,881.00
Amick Equipment Co., Inc.	2016 New Way 12.6 Yard Viper Rear Loader	★Dogwood	\$41,881.00
Amick Equipment Co., Inc.	2016 New Way 12.6 Yard Viper Rear Loader	★Cardinal	\$41,881.00
Amick Equipment Co., Inc.	2016 New Way 12.6 Yard Viper Rear Loader	★Longleaf Pine	\$41,881.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 12.6 YARD VIPER REAR LOADER **SPECIFICATION #109**

2016 New Way 12.6 Yard Viper Rear Loader

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **MAIN BODY RAILS**

a. C8 x 11.5# Structural Channel

2. **FLOOR**

a. Front .25-50k Rear .25-50K

3. **FLOOR BRACES**

a. 8" Wide; 10GA-50K

4. **CENTER FLOOR BRACES**

a. 8" Wide; 10GA-50K

5. **MOUNTING BRACKETS**

a. Welded to Main Body Rails; 1/2" - A36

6. **EJECTION PANEL TRACKS**

a. C8 x 11.5# Structural Channel Wear Strips

7. **SIDE WALLS**

a. 10GA - 80K

8. **ROOF**

a. 10GA - 80K

9. **REAR FRAME**

a. Formed 6 11/16" x 4 13/16", 1/4" - GR50 Formed + Welded 1/4" GR 50, Sides Upper and Lower

10. **TAILGATE HINGE LUGS**

a. 1" - A36

11. **UPPER BULKHEAD**

a. 10GA - 50K

12. **LOWER BULKHEAD**

a. 1/4" - 50K

13. ACCESS DOOR
 - a. 28" x 23 1/2"
14. UPPER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
15. LOWER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
16. BODY HEIGHT
 - a. 20 Yard - 83"
17. OVERALL HEIGHT WITH TAILGATE RAISED
 - a. 20 Yard - 158"
18. BODY LENGTH
 - a. 20 yard - 245"
19. OVERALL LENGTH WITH TAILGATE RAISED
 - a. 20 yard - 255"
20. INSIDE WIDTH
 - a. 11 - 25 yard - 93"
21. MAX OUTSIDE WIDTH
 - a. 11 - 25 Yard - 96"
22. APPROXIMATE BODY WEIGHT (IN LBS)
 - a. 25 Yard - 12,200lbs
23. BODY CAPACITIES
 - a. 20 Cubic Yard
24. HOPPER CAPACITY
 - a. 20 Cubic Yard Rear Loader - 3 Cubic Yards
25. HOPPER OPENING HEIGHT
 - a. 20RL - 52"
26. HOPPER OPENING WIDTH
 - a. 74"
27. UPPER HOPPER BRACE
 - a. Formed 1/4" - A36
28. HOPPER FLOOR
 - a. 1/4" 50k
29. HOPPER BRACES
 - a. Formed 1/4" 50k
30. TAILGATE SEAL HEIGHT
 - a. 22"

31. LOWER TAILGATE SIDE

a. 7 ga 50k

32. UPPER TAILGATE SIDES

a. 10 ga 50k

33. SLIDE TRACKS

a. Formed 1/4"- 50k

34. SLIDE WEAR STRIPS

a. 1/2" x 2 1/2" A36

35. TAILGATE SIDE BRACES

a. Formed 7GA - 50k

36. FACE SHEET

a. 10GA 50K

37. FACE SHEET BRACES

a. Formed 7 ga 50k

38. LUGS

a. 1" x 4" 1018CFG flat

39. LUG CENTER BRACES

a. Formed 10 GA 50k

40. UPPER SLIDE SHOE

a. 7 1/4" x 1" Lug 6 7/8" x 5 13/16" x 1 3/4" UHMW

41. SLIDE

a. 20RL - 4 1/2" Bore, 43" Stroke, 3" Rod

42. TAILGATE

a. 20RL 4" Bore, 24" Stroke, 1-3/4" Rod

43. EJECTION PANEL

a. 20RL 4 stage 6-1/2" Bore, 114" Stroke

44. MINIMUM GVWR (IN LBS.)

a. 20 - 33,000 lbs

45. RECOMMENDED CAB TO TRUNION

a. 20RL - 138"

46. ADDITIONAL STANDARD EQUIPMENT

- a. Semi auto cycling
- b. Auto back pack
- c. Accelerator kit
- d. Auto lock tailgate
- e. Back-Up alarm
- f. All LED lights
- g. Hydraulic tank temp gauge
- h. Right side hydraulic tank access port

- i. ICC lights and reflectors
- j. Site gauge on oil tank
- k. Oil pressure gauge
- l. Chrome cylinders
- m. Side access door
- n. Driver alert buzzer
- o. Tailgate ajar indicator
- p. Light bar
- q. Bolt on steps on rear
- r. Prime under paint
- s. Rear vision camera

47. TROUGH (YES OR NO)

- a. Yes

48. OPERATING PRESSURE

- a. 2,000 PSI

49. HOSES

- a. 4 to 1 BURST

50. FILTER

- a. 10 micron

51. PUMP FLOW

- a. 29 GPM @ 1,350-1,400 RPM

52. TANK CAPACITY

- a. 45 gallon with 100 mesh 141 micron suction strainer

53. CYLINDER PIN

- a. 1 1/4 OD 1144 Stressproof

54. CYLINDER SUPPORTS

- a. 3/4" A36 Formed 3/8" 50K

55. NOSE

- a. 1/4" A36

56. SHOES

- a. 1 11/16" x 2 1/4" x 12" UHMW qty (8)

57. UPPER FACE SHEET

- a. 10 GA 50K

58. BASE AND SUPPORT STRUCTURE

- a. Formed 1/4" 50K 1/4" X 4" tube 1/4" x 4: flat

59. BRONZE BUSHINGS

- a. 2" ID

60. SWEEP NOSE

- a. 5/8" A36

61. BACKING PLATE

a. 10 ga 50k

62. LOWER SLIDE SHOE

a. 5" x 21" x 5/8" A36 plate 1/2" x 24" x 2 3/4" UHMW

63. UPPER SLIDE CYLINDER PINS

a. 1 1/2" OD 1144 stressproof

64. UPPER SWEEP PINS

a. 1 1/2" OD 1144 stressproof

65. LOWER SWEEP PINS

a. 2" OD 1144 stressproof

66. FACE PLATE

a. 1/4" 50k

67. SWEEP

a. (2) 5" bore, 16" stroke, 2-1/2" rod

68. WARRANTY

- a. 2 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty

69. STEEL OPTIONS

- a. Ejection panel face 10ga 50k
- b. Upper body floor 10ga 80k
- c. Hopper floor and back 1/4" 50k and back 1/4" 100k
- d. Tailgate lower sides 7ga, 50k
- e. Slide face 7ga, 50k

70. HYDRAULICS

- a. Induction hardened slide rods
- b. Induction hardened sweep rods
- c. Zinc clear hydraulic tubes

71. SAFETY DEVICE OPTIONS

- a. Fire extinguisher - 10lb (standard on mounted units)
- b. Triangle Kit (standard on mounted units)



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 12.6 YARD VIPER REAR LOADER SPECIFICATION #109

2016 New Way 12.6 Yard Viper Rear Loader

The New Way 12.6 Yard Viper Rear Loader purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$41,881.00	\$41,881.00	\$41,881.00	\$41,881.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	12.6 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$41,881.00	\$41,881.00	\$41,881.00	\$41,881.00

Order Code	Add Options	All Zones
	Installed customer supplied scales (quoted on request)	NA
	Vulcan scale installed (4 point system)	\$11,073.00
	Vulcan scale installed (6 point system)	\$14,230.00
	Loadman scale installed (4 point system)	\$12,379.00
	Loadman scale installed (6 point system)	\$12,842.00
	Pump only	Incl.
	Manual transmission or automatic transmission (air assist PTO) Gear pump (requires additional solenoid valves for safety interlocks)	\$2,820.00
	Automatic transmission (hot shift) with pump	\$2,081.00
	Automatic transmission (hot shift with overspeed) with pump	\$2,361.00
	Automatic transmission (hot shift with overspeed) with pump, pack on the go	\$2,486.00
	Front mount muncie MLS	\$3,533.00
	Pack at lower RPM gear pump (additional charge) *1,000-1,200 <i>chassis and engine specs must be approved by the body manufacturer for this option. ¹</i>	\$770.00 ¹
	Pack at lower RPM vane pump (additional charge) *1,000-1,200 RPM (requires driveline or extension shaft) <i>chassis and engine specs must be approved by the body manufacturer for this option. ¹</i>	\$2,346.00 ¹
	*check with chassis manufacturer for adequate torque @ low RPM	NA
	Silent drive 20,000 lb pusher axle with tires	\$10,652.00
	Silent drive 20,000lb pusher axle without tires	\$8,337.00
	Silent drive 13,200 lb pusher axle with tires	\$9,256.00
	Silent drive 13,200 lb pusher axle without tires	\$7,853.00
	9,000 lb tulsa winch with latch kit	\$3,055.00
	12,000 lb tulsa winch with latch kit	\$3,997.00
	12,000 lb bloom winch with latch kit	\$3,997.00
	12,000 lb reeving cylinder with latch kit	\$4,891.00
	Kick bar with latch kit	\$3,572.00
	Kick bar without latch kit	\$3,045.00
	Extra valve section and handle (rear valve for future container handling option)	\$615.00
	Extra valve section (front valve with air actuator)	\$775.00
	Latch kit/trunion guides/ and container stops	\$525.00
	Brace roof and cut out for drum winch for future install	\$352.00
	Extra cable guide on drum winch rearward	\$280.00
	Lower loadsill 3"	\$182.00
	Perkins auto trunion lock	\$5,829.00

VEHICLE:	12.6 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$41,881.00	\$41,881.00	\$41,881.00	\$41,881.00

*Note - Maximum of 2 valve sections available on rear valve for options	NA
Perkins cylinder actuated (no other container lifting devices) D6500	\$3,949.00
Perkins cylinder actuated (with other container lifting devices) D6500 (not compatible with Kick Bar)	\$4,527.00
Perkins rotary actuated (no other container lifting devices) D6220	\$5,400.00
Perkins rotary actuated (with other container lifting devices) D6220	\$5,826.00
Bayne rotary actuated (no other container lifting devices) MBTL180	\$5,095.00
Bayne rotary actuated (with other container lifting devices) Revolution series	\$5,928.00
Perkins auto arm lifter (D6098) (not compatible with any other container lifting devices)	\$7,621.00
Extra valve section with extended handle (rear valve for future cart tipper installation)	\$615.00
Street side linkage to operate tipper valve section	\$375.00
Single tap-in-kit (required if more than two (2) container handling/cart tipper options or left side cart tipper)	\$937.00
Dual tap-in-kit (required if dual tippers, unless street side linkage providing the sections are available)	\$1,106.00
Extend loadsill and latch kit for future install of cart tipper	\$623.00
Add hydraulic tubing to tailgate side for future tipper install	\$157.00
Notch loadsill for tipper with other lifting devices	\$234.00
LED mid body back-up lights includes up to two (2) lights	\$434.00
LED work lights two (2) mounted, inside upper tailgate shining in hopper	\$329.00
LED work lights two (2) mounted, outside upper tailgate shining rearward	\$450.00
Strobe light (surface mount)	\$295.00
Strobe light package (integrated strobe system) (2 round lights mounted upper tailgate)	\$461.00
Strobe light package (integrated strobe system) (2 round lights mounted lower tailgate)	\$461.00
Strobe light package (integrated strobe system) (2 round lights mounted front of body)	\$542.00
LED round strobes upper tailgate (2 lights)	\$306.00
LED round strobes lower tailgate (2 lights)	\$390.00
LED round strobes at front of body (2 lights)	\$390.00
LED oval strobes upper tailgate (2 lights)	\$390.00
LED oval strobes at front of body (2 lights)	\$390.00
LED 7" round strobes upper tailgate (2 lights)	\$548.00
Traffic adviser board (not compatible with winches)	\$811.00
Center mount brake (ID Cluster)	\$85.00
Brush guards for upper light bar	\$171.00
Wiring circuit including switch for customer install of lights	\$140.00
Safety shut down curbside	Std
Safety shut down streetside	\$150.00

VEHICLE:	12.6 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$41,881.00	\$41,881.00	\$41,881.00	\$41,881.00

Driver alert buzzer curb side	NA
Driver alert buzzer street side	\$102.00
Guard to protect control handles	\$68.00
Back up alarm upgrade 102db	\$75.00
Back up alarm auto volume adjustable	\$148.00
Interlock on front access door	Std
Back up collision avoidance sensor (pre-view)	\$2,298.00
Fire extinguisher - 20lb (upgrade from 10lb) (only available on mounted units only)	\$94.00
5.6" color flat screen with audio	Std
7.0" color flat screen with audio	\$214.00
3rd eye 7.0" color flat screen with audio	\$510.00
Prime Only	Std
Acrylic Urethane Enamel white (9-20RL)	\$1,599.00
Acrylic Urethane Enamel white (25-RL)	NA
Acrylic Urethane Enamel color (9-20RL)	\$2,077.00
Acrylic Urethane Enamel color (25 RL)	NA
Clear coat	\$1,599.00
Two tone or special design (mounted units only) <i>consult factory</i> ¹	NA ¹
Body under coating (mounted units only) (applied from frame rails to edge of body and under side of hopper)	\$1,509.00
Riding steps coated with black bed liner material	\$178.00
Prime inside of body (recommended for stock units)	\$383.00
Magnum package - hopper floor 1/4" 100k, tailgate lower sides 1/4" 50k, sweep and slide face 1/4" 80k, upper floor 7ga 50k, lower body floors 3/8" 50k	\$2,127.00
Upper body floor 1/4" 50k from 10ga 80k	\$693.00
Upper body floor 7ga 50k from 10ga 80k	\$492.00
Hopper floor and back 1/4" 100k	\$500.00
Hopper floor and back 3/8" 50k	\$606.00
Hopper floor 1/2" 50k, back 1/4" 100k AR200	\$1,220.00
Hopper liner floor and back 1/4" 100k	\$1,238.00
Reinforce hopper floor with additional braces	\$280.00
Tailgate lower side 1/4", 50k	\$406.00
Tailgate lower side 1/4", 80k	\$744.00
Tailgate lower side 1/4", 100k	\$1,149.00
Tailgate lower side liners 7ga, 50k	\$825.00
Tailgate lower side liners 1/4" 100k	\$1,647.00

VEHICLE:	12.6 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$41,881.00	\$41,881.00	\$41,881.00	\$41,881.00

Slide face 1/4" 50k	\$234.00
Slide face 1/4" 100k	\$386.00
Sweep face 1/4" 100k	\$276.00
Ejection panel face 7ga 50k	\$320.00
Ejection panel face 1/4" 50k	\$638.00
Full body weld inside vs. stitched	\$367.00
Full weld outside center trough	Std
Frame mounted hydraulic tank	\$584.00
Electronic filter by-pass indicator in cab	\$239.00
Hydraulic shut down when filter in by-pass	\$539.00
Hour meter on PTO	\$253.00
High temperature fluid switch	\$467.00
Low fluid level switch	\$426.00
In tank oil heater (110 volt)	\$1,173.00
In cab air controls for tailgate and eject (includes auto tailgate locks)	\$736.00
Remote hook-up with quick disconnects	\$1,042.00
Nylon sleeves on hoses	\$306.00
Viper slide cylinders on Cobra w 2500 PSI (STD on 11,13 yard)	\$472.00
Guards to protect roof hoses/pipes	\$424.00
Quick disconnect pressure port at front valve	Std
Quick connect pressure gauge	\$91.00
Auto lube system (up to 14 points)	\$5,632.00
Turnbuckles	\$367.00
Mud flaps behind rear axles	\$171.00
Mud flaps in front of rear axles	\$171.00
Shovel/broom rack	\$184.00
Steel tool box 18x18x24	\$497.00
Steel tool box 18x18x36	\$580.00
Steel tool box 18x18x46	\$636.00
Steel tool box 18x18x48 <i>correction 24x24x48¹</i>	\$677.00 ¹
Sign brackets 3' x 5' (pair)	\$398.00
Sign brackets 42" x 78" (pair)	\$491.00
Sign brackets 60" x 72" (pair)	\$582.00
Access door 30" x 30"	\$220.00
Access door steps (ladder with handles)	\$347.00
Extra grab handles (set)	\$120.00

VEHICLE:	12.6 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$41,881.00	\$41,881.00	\$41,881.00	\$41,881.00

Container washout tank 35 gallon	\$1,479.00
Container washout tank 50 gallon	\$1,632.00
Water cooler and bracket	\$242.00
Steps extend length (not compatible with kick bar)	\$403.00
Steps extend width (max 102")	\$357.00
Hopper floor extension (limits fallback into hopper)	\$535.00
Tailgate seal extension (increases seal height)	\$331.00
Cup holder (mounted to side of tailgate)	\$76.00
3 year cylinder warranty (16 to 25 yard Cobra)	\$1,132.00
2 year body warranty	\$1,214.00
3 year body warranty	\$1,892.00
2 year hydraulic warranty	\$1,075.00
3 year hydraulic warranty (excludes cylinders)	\$1,567.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>NEW WAY - 13 YARD VIPER REAR LOADER (Specification #110)</u>			
Amick Equipment Co., Inc.	2016 New Way 13 Yard Viper Rear Loader	★Appalachia	\$41,535.00
Amick Equipment Co., Inc.	2016 New Way 13 Yard Viper Rear Loader	★Dogwood	\$41,535.00
Amick Equipment Co., Inc.	2016 New Way 13 Yard Viper Rear Loader	★Cardinal	\$41,535.00
Amick Equipment Co., Inc.	2016 New Way 13 Yard Viper Rear Loader	★Longleaf Pine	\$41,535.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 13 YARD VIPER REAR LOADER **SPECIFICATION #110**

2016 New Way 13 Yard Viper Rear Loader

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **MAIN BODY RAILS**

a. C8 x 11.5# Structural Channel

2. **FLOOR**

a. Front .25-50k Rear .25-50K

3. **FLOOR BRACES**

a. 8" Wide; 10GA-50K

4. **CENTER FLOOR BRACES**

a. 8" Wide; 10GA-50K

5. **MOUNTING BRACKETS**

a. Welded to Main Body Rails; 1/2" - A36

6. **EJECTION PANEL TRACKS**

a. C8 x 11.5# Structural Channel Wear Strips

7. **SIDE WALLS**

a. 10GA - 80K

8. **ROOF**

a. 10GA - 80K

9. **REAR FRAME**

a. Formed 6 11/16" x 4 13/16", 1/4" - GR50 Formed + Welded 1/4" GR 50, Sides Upper and Lower

10. **TAILGATE HINGE LUGS**

a. 1" - A36

11. **UPPER BULKHEAD**

a. 10GA - 50K

12. **LOWER BULKHEAD**

a. 1/4" - 50K

13. ACCESS DOOR
 - a. 28" x 23 1/2"
14. UPPER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
15. LOWER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
16. BODY HEIGHT
 - a. 20 Yard - 83"
17. OVERALL HEIGHT WITH TAILGATE RAISED
 - a. 20 Yard - 158"
18. BODY LENGTH
 - a. 20 yard - 245"
19. OVERALL LENGTH WITH TAILGATE RAISED
 - a. 20 yard - 255"
20. INSIDE WIDTH
 - a. 11 - 25 yard - 93"
21. MAX OUTSIDE WIDTH
 - a. 11 - 25 Yard - 96"
22. APPROXIMATE BODY WEIGHT (IN LBS)
 - a. 25 Yard - 12,200lbs
23. BODY CAPACITIES
 - a. 20 Cubic Yard
24. HOPPER CAPACITY
 - a. 20 Cubic Yard Rear Loader - 3 Cubic Yards
25. HOPPER OPENING HEIGHT
 - a. 20RL - 52"
26. HOPPER OPENING WIDTH
 - a. 74"
27. UPPER HOPPER BRACE
 - a. Formed 1/4" - A36
28. HOPPER FLOOR
 - a. 1/4" 50k
29. HOPPER BRACES
 - a. Formed 1/4" 50k
30. TAILGATE SEAL HEIGHT
 - a. 22"

31. LOWER TAILGATE SIDE

a. 7 ga 50k

32. UPPER TAILGATE SIDES

a. 10 ga 50k

33. SLIDE TRACKS

a. Formed 1/4"- 50k

34. SLIDE WEAR STRIPS

a. 1/2" x 2 1/2" A36

35. TAILGATE SIDE BRACES

a. Formed 7GA - 50k

36. FACE SHEET

a. 10GA 50K

37. FACE SHEET BRACES

a. Formed 7 ga 50k

38. LUGS

a. 1" x 4" 1018CFG flat

39. LUG CENTER BRACES

a. Formed 10 GA 50k

40. UPPER SLIDE SHOE

a. 7 1/4" x 1" Lug 6 7/8" x 5 13/16" x 1 3/4" UHMW

41. SLIDE

a. 20RL - 4 1/2" Bore, 43" Stroke, 3" Rod

42. TAILGATE

a. 20RL 4" Bore, 24" Stroke, 1-3/4" Rod

43. EJECTION PANEL

a. 20RL 4 stage 6-1/2" Bore, 114" Stroke

44. MINIMUM GVWR (IN LBS.)

a. 20 - 33,000 lbs

45. RECOMMENDED CAB TO TRUNION

a. 20RL - 138"

46. ADDITIONAL STANDARD EQUIPMENT

- a. Semi auto cycling
- b. Auto back pack
- c. Accelerator kit
- d. Auto lock tailgate
- e. Back-Up alarm
- f. All LED lights
- g. Hydraulic tank temp gauge
- h. Right side hydraulic tank access port

- i. ICC lights and reflectors
- j. Site gauge on oil tank
- k. Oil pressure gauge
- l. Chrome cylinders
- m. Side access door
- n. Driver alert buzzer
- o. Tailgate ajar indicator
- p. Light bar
- q. Bolt on steps on rear
- r. Prime under paint
- s. Rear vision camera

47. TROUGH (YES OR NO)

- a. Yes

48. OPERATING PRESSURE

- a. 2,000 PSI

49. HOSES

- a. 4 to 1 BURST

50. FILTER

- a. 10 micron

51. PUMP FLOW

- a. 29 GPM @ 1,350-1,400 RPM

52. TANK CAPACITY

- a. 45 gallon with 100 mesh 141 micron suction strainer

53. CYLINDER PIN

- a. 1 1/4 OD 1144 Stressproof

54. CYLINDER SUPPORTS

- a. 3/4" A36 Formed 3/8" 50K

55. NOSE

- a. 1/4" A36

56. SHOES

- a. 1 11/16" x 2 1/4" x 12" UHMW qty (8)

57. UPPER FACE SHEET

- a. 10 GA 50K

58. BASE AND SUPPORT STRUCTURE

- a. Formed 1/4" 50K 1/4" X 4" tube 1/4" x 4: flat

59. BRONZE BUSHINGS

- a. 2" ID

60. SWEEP NOSE

- a. 5/8" A36

61. BACKING PLATE

a. 10 ga 50k

62. LOWER SLIDE SHOE

a. 5" x 21" x 5/8" A36 plate 1/2" x 24" x 2 3/4" UHMW

63. UPPER SLIDE CYLINDER PINS

a. 1 1/2" OD 1144 stressproof

64. UPPER SWEEP PINS

a. 1 1/2" OD 1144 stressproof

65. LOWER SWEEP PINS

a. 2" OD 1144 stressproof

66. FACE PLATE

a. 1/4" 50k

67. SWEEP

a. (2) 5" bore, 16" stroke, 2-1/2" rod

68. WARRANTY

- a. 2 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty

69. STEEL OPTIONS

- a. Ejection panel face 10ga 50k
- b. Upper body floor 10ga 80k
- c. Hopper floor and back 1/4" 50k and back 1/4" 100k
- d. Tailgate lower sides 7ga, 50k
- e. Slide face 7ga, 50k

70. HYDRAULICS

- a. Induction hardened slide rods
- b. Induction hardened sweep rods
- c. Zinc clear hydraulic tubes

71. SAFETY DEVICE OPTIONS

- a. Fire extinguisher - 10lb (standard on mounted units)
- b. Triangle Kit (standard on mounted units)



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 13 YARD VIPER REAR LOADER SPECIFICATION #110

2016 New Way 13 Yard Viper Rear Loader

The New Way 13 Yard Viper Rear Loader purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$41,535.00	\$41,535.00	\$41,535.00	\$41,535.00

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The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	13 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$41,535.00	\$41,535.00	\$41,535.00	\$41,535.00

Order Code	Add Options	All Zones
	Installed customer supplied scales (quoted on request)	NA
	Vulcan scale installed (4 point system)	\$11,073.00
	Vulcan scale installed (6 point system)	\$14,230.00
	Loadman scale installed (4 point system)	\$12,378.00
	Loadman scale installed (6 point system)	\$12,841.00
	Pump only	Incl.
	Manual transmission or automatic transmission (air assist PTO) Gear pump (requires additional solenoid valves for safety interlocks)	\$2,820.00
	Automatic transmission (hot shift) with pump	\$2,081.00
	Automatic transmission (hot shift with overspeed) with pump	\$2,361.00
	Automatic transmission (hot shift with overspeed) with pump, pack on the go	\$2,486.00
	Front mount muncie MLS	\$3,533.00
	Pack at lower RPM gear pump (additional charge) *1,000-1,200 <i>chassis and engine specs must be approved by the body manufacturer</i> ¹	\$770.00 ¹
	Pack at lower RPM vane pump (additional charge) *1,000-1,200 RPM (requires driveline or extension shaft) <i>chassis and engine specs must be approved by the body manufacturer</i> ¹	\$2,346.00 ¹
	*check with chassis manufacturer for adequate torque @ low RPM	NA
	Silent drive 20,000 lb pusher axle with tires	\$10,652.00
	Silent drive 20,000lb pusher axle without tires	\$8,337.00
	Silent drive 13,200 lb pusher axle with tires	\$9,256.00
	Silent drive 13,200 lb pusher axle without tires	\$7,853.00
	9,000 lb tulsa winch with latch kit	\$3,055.00
	12,000 lb tulsa winch with latch kit	\$3,997.00
	12,000 lb bloom winch with latch kit	\$3,997.00
	12,000 lb reeving cylinder with latch kit	\$4,891.00
	Kick bar with latch kit	\$3,572.00
	Kick bar without latch kit	\$3,045.00
	Extra valve section and handle (rear valve for future container handling option)	\$615.00
	Extra valve section (front valve with air actuator)	\$775.00
	Latch kit/trunion guides/ and container stops	\$525.00
	Brace roof and cut out for drum winch for future install	\$352.00
	Extra cable guide on drum winch rearward	\$280.00
	Lower loadsill 3"	\$182.00
	Perkins auto trunion lock	\$5,829.00

VEHICLE:	13 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$41,535.00	\$41,535.00	\$41,535.00	\$41,535.00

	*Note - Maximum of 2 valve sections available on rear valve for options	NA
	Perkins cylinder actuated (no other container lifting devices) D6500	\$3,949.00
	Perkins cylinder actuated (with other container lifting devices) D6500 (not compatible with Kick Bar)	\$4,527.00
	Perkins rotary actuated (no other container lifting devices) D6220	\$5,400.00
	Perkins rotary actuated (with other container lifting devices) D6220	\$5,826.00
	Bayne rotary actuated (no other container lifting devices) MBTL180	\$5,095.00
	Bayne rotary actuated (with other container lifting devices) Revolution series	\$5,928.00
	Perkins auto arm lifter (D6098) (not compatible with any other container lifting devices)	\$7,621.00
	Extra valve section with extended handle (rear valve for future cart tipper installation)	\$615.00
	Street side linkage to operate tipper valve section	\$375.00
	Single tap-in-kit (required if more than two (2) container handling/cart tipper options or left side cart tipper)	\$937.00
	Dual tap-in-kit (required if dual tippers, unless street side linkage providing the sections are available)	\$1,106.00
	Extend loadsill and latch kit for future install of cart tipper	\$623.00
	Add hydraulic tubing to tailgate side for future tipper install	\$157.00
	Notch loadsill for tipper with other lifting devices	\$233.00
	LED mid body back-up lights includes up to two (2) lights	\$434.00
	LED work lights two (2) mounted, inside upper tailgate shining in hopper	\$329.00
	LED work lights two (2) mounted, outside upper tailgate shining rearward	\$450.00
	Strobe light (surface mount)	\$296.00
	Strobe light package (integrated strobe system) (2 round lights mounted upper tailgate)	\$461.00
	Strobe light package (integrated strobe system) (2 round lights mounted lower tailgate)	\$461.00
	Strobe light package (integrated strobe system) (2 round lights mounted front of body)	\$542.00
	LED round strobes upper tailgate (2 lights)	\$306.00
	LED round strobes lower tailgate (2 lights)	\$390.00
	LED round strobes at front of body (2 lights)	\$390.00
	LED oval strobes upper tailgate (2 lights)	\$390.00
	LED oval strobes at front of body (2 lights)	\$390.00
	LED 7" round strobes upper tailgate (2 lights)	\$547.00
	Traffic adviser board (not compatible with winches)	\$811.00
	Center mount brake (ID Cluster)	\$84.00
	Brush guards for upper light bar	\$171.00
	Wiring circuit including switch for customer install of lights	\$140.00
	Safety shut down curbside	Std
	Safety shut down streetside	\$151.00

VEHICLE:	13 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$41,535.00	\$41,535.00	\$41,535.00	\$41,535.00

Driver alert buzzer curb side	Std
Driver alert buzzer street side	\$102.00
Guard to protect control handles	\$68.00
Back up alarm upgrade 102db	\$75.00
Back up alarm auto volume adjustable	\$148.00
Interlock on front access door	Std
Back up collision avoidance sensor (pre-view)	\$2,298.00
Fire extinguisher - 20lb (upgrade from 10lb) (only available on mounted units only)	\$94.00
5.6" color flat screen with audio	Std
7.0" color flat screen with audio	\$214.00
3rd eye 7.0" color flat screen with audio	\$510.00
Prime Only	Std
Acrylic Urethane Enamel white (9-20RL)	\$1,599.00
Acrylic Urethane Enamel white (25-RL)	NA
Acrylic Urethane Enamel color (9-20RL)	\$2,077.00
Acrylic Urethane Enamel color (25 RL)	NA
Clear coat	\$1,599.00
Two tone or special design (mounted units only) <i>consult factory for design and quote</i> ¹	NA ¹
Body under coating (mounted units only) (applied from frame rails to edge of body and under side of hopper)	\$1,509.00
Riding steps coated with black bed liner material	\$178.00
Prime inside of body (recommended for stock units)	\$383.00
Magnum package - hopper floor 1/4" 100k, tailgate lower sides 1/4" 50k, sweep and slide face 1/4" 80k, upper floor 7ga 50k, lower body floors 3/8" 50k	\$2,127.00
Upper body floor 1/4" 50k from 10ga 80k	\$693.00
Upper body floor 7ga 50k from 10ga 80k	\$492.00
Hopper floor and back 1/4" 100k	\$500.00
Hopper floor and back 3/8" 50k	\$606.00
Hopper floor 1/2" 50k, back 1/4" 100k AR200	\$1,220.00
Hopper liner floor and back 1/4" 100k	\$1,238.00
Reinforce hopper floor with additional braces	\$280.00
Tailgate lower side 1/4", 50k	\$234.00
Tailgate lower side 1/4", 80k	\$744.00
Tailgate lower side 1/4", 100k	\$1,149.00
Tailgate lower side liners 7ga, 50k	\$825.00
Tailgate lower side liners 1/4" 100k	\$1,647.00

VEHICLE:	13 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$41,535.00	\$41,535.00	\$41,535.00	\$41,535.00

Slide face 1/4" 50k	\$234.00
Slide face 1/4" 100k	\$386.00
Sweep face 1/4" 100k	\$276.00
Ejection panel face 7ga 50k	\$320.00
Ejection panel face 1/4" 50k	\$638.00
Full body weld inside vs. stitched	\$367.00
Full weld outside center trough	Std
Frame mounted hydraulic tank	\$584.00
Electronic filter by-pass indicator in cab	\$239.00
Hydraulic shut down when filter in by-pass	\$539.00
Hour meter on PTO	\$253.00
High temperature fluid switch	\$467.00
Low fluid level switch	\$462.00
In tank oil heater (110 volt)	\$1,173.00
In cab air controls for tailgate and eject (includes auto tailgate locks)	\$736.00
Remote hook-up with quick disconnects	\$1,042.00
Nylon sleeves on hoses	\$306.00
Viper slide cylinders on Cobra w 2500 PSI (STD on 11,13 yard)	\$472.00
Guards to protect roof hoses/pipes	\$424.00
Quick disconnect pressure port at front valve	Std
Quick connect pressure gauge	\$91.00
Auto lube system (up to 14 points)	\$5,632.00
Turnbuckles	\$367.00
Mud flaps behind rear axles	\$171.00
Mud flaps in front of rear axles	\$171.00
Shovel/broom rack	\$184.00
Steel tool box 18x18x24	\$496.00
Steel tool box 18x18x36	\$580.00
Steel tool box 18x18x46	\$636.00
Steel tool box 18x18x48 <i>correction 24x24x48¹</i>	\$677.00 ¹
Sign brackets 3' x 5' (pair)	\$398.00
Sign brackets 42" x 78" (pair)	\$491.00
Sign brackets 60" x 72" (pair)	\$582.00
Access door 30" x 30"	\$220.00
Access door steps (ladder with handles)	\$347.00
Extra grab handles (set)	\$120.00

VEHICLE:	13 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$41,535.00	\$41,535.00	\$41,535.00	\$41,535.00

Container washout tank 35 gallon	\$1,479.00
Container washout tank 50 gallon	\$1,632.00
Water cooler and bracket	\$242.00
Steps extend length (not compatible with kick bar)	\$403.00
Steps extend width (max 102")	\$357.00
Hopper floor extension (limits fallback into hopper)	\$535.00
Tailgate seal extension (increases seal height)	\$331.00
Cup holder (mounted to side of tailgate)	\$76.00
3 year cylinder warranty (16 to 25 yard Cobra) <i>viper included</i> ¹	\$1,175.00 ¹
2 year body warranty	\$1,214.00
3 year body warranty	\$1,892.00
2 year hydraulic warranty	\$1,075.00
3 year hydraulic warranty (excludes cylinders)	\$1,567.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>NEW WAY - 16 YARD VIPER REAR LOADER (Specification #111)</u>			
Amick Equipment Co., Inc.	2016 New Way 16 Yard Viper Rear Loader	★Appalachia	\$44,229.00
Amick Equipment Co., Inc.	2016 New Way 16 Yard Viper Rear Loader	★Dogwood	\$44,229.00
Amick Equipment Co., Inc.	2016 New Way 16 Yard Viper Rear Loader	★Cardinal	\$44,229.00
Amick Equipment Co., Inc.	2016 New Way 16 Yard Viper Rear Loader	★Longleaf Pine	\$44,229.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 16 YARD VIPER REAR LOADER **SPECIFICATION #111**

2016 New Way 16 Yard Viper Rear Loader

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **MAIN BODY RAILS**

a. C8 x 11.5# Structural Channel

2. **FLOOR**

a. Front .25-50k Rear .25-50K

3. **FLOOR BRACES**

a. 8" Wide; 10GA-50K

4. **CENTER FLOOR BRACES**

a. 8" Wide; 10GA-50K

5. **MOUNTING BRACKETS**

a. Welded to Main Body Rails; 1/2" - A36

6. **EJECTION PANEL TRACKS**

a. C8 x 11.5# Structural Channel Wear Strips

7. **SIDE WALLS**

a. 10GA - 80K

8. **ROOF**

a. 10GA - 80K

9. **REAR FRAME**

a. Formed 6 11/16" x 4 13/16", 1/4" - GR50 Formed + Welded 1/4" GR 50, Sides Upper and Lower

10. **TAILGATE HINGE LUGS**

a. 1" - A36

11. **UPPER BULKHEAD**

a. 10GA - 50K

12. **LOWER BULKHEAD**

a. 1/4" - 50K

13. ACCESS DOOR
 - a. 28" x 23 1/2"
14. UPPER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
15. LOWER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
16. BODY HEIGHT
 - a. 20 Yard - 83"
17. OVERALL HEIGHT WITH TAILGATE RAISED
 - a. 20 Yard - 158"
18. BODY LENGTH
 - a. 20 yard - 245"
19. OVERALL LENGTH WITH TAILGATE RAISED
 - a. 20 yard - 255"
20. INSIDE WIDTH
 - a. 11 - 25 yard - 93"
21. MAX OUTSIDE WIDTH
 - a. 11 - 25 Yard - 96"
22. APPROXIMATE BODY WEIGHT (IN LBS)
 - a. 25 Yard - 12,200lbs
23. BODY CAPACITIES
 - a. 20 Cubic Yard
24. HOPPER CAPACITY
 - a. 20 Cubic Yard Rear Loader - 3 Cubic Yards
25. HOPPER OPENING HEIGHT
 - a. 20RL - 52"
26. HOPPER OPENING WIDTH
 - a. 74"
27. UPPER HOPPER BRACE
 - a. Formed 1/4" - A36
28. HOPPER FLOOR
 - a. 1/4" 50k
29. HOPPER BRACES
 - a. Formed 1/4" 50k
30. TAILGATE SEAL HEIGHT
 - a. 22"

31. LOWER TAILGATE SIDE

a. 7 ga 50k

32. UPPER TAILGATE SIDES

a. 10 ga 50k

33. SLIDE TRACKS

a. Formed 1/4"- 50k

34. SLIDE WEAR STRIPS

a. 1/2" x 2 1/2" A36

35. TAILGATE SIDE BRACES

a. Formed 7GA - 50k

36. FACE SHEET

a. 10GA 50K

37. FACE SHEET BRACES

a. Formed 7 ga 50k

38. LUGS

a. 1" x 4" 1018CFG flat

39. LUG CENTER BRACES

a. Formed 10 GA 50k

40. UPPER SLIDE SHOE

a. 7 1/4" x 1" Lug 6 7/8" x 5 13/16" x 1 3/4" UHMW

41. SLIDE

a. 20RL - 4 1/2" Bore, 43" Stroke, 3" Rod

42. TAILGATE

a. 20RL 4" Bore, 24" Stroke, 1-3/4" Rod

43. EJECTION PANEL

a. 20RL 4 stage 6-1/2" Bore, 114" Stroke

44. MINIMUM GVWR (IN LBS.)

a. 20 - 33,000 lbs

45. RECOMMENDED CAB TO TRUNION

a. 20RL - 138"

46. ADDITIONAL STANDARD EQUIPMENT

- a. Semi auto cycling
- b. Auto back pack
- c. Accelerator kit
- d. Auto lock tailgate
- e. Back-Up alarm
- f. All LED lights
- g. Hydraulic tank temp gauge
- h. Right side hydraulic tank access port

- i. ICC lights and reflectors
- j. Site gauge on oil tank
- k. Oil pressure gauge
- l. Chrome cylinders
- m. Side access door
- n. Driver alert buzzer
- o. Tailgate ajar indicator
- p. Light bar
- q. Bolt on steps on rear
- r. Prime under paint
- s. Rear vision camera

47. TROUGH (YES OR NO)

- a. Yes

48. OPERATING PRESSURE

- a. 2,000 PSI

49. HOSES

- a. 4 to 1 BURST

50. FILTER

- a. 10 micron

51. PUMP FLOW

- a. 29 GPM @ 1,350-1,400 RPM

52. TANK CAPACITY

- a. 45 gallon with 100 mesh 141 micron suction strainer

53. CYLINDER PIN

- a. 1 1/4 OD 1144 Stressproof

54. CYLINDER SUPPORTS

- a. 3/4" A36 Formed 3/8" 50K

55. NOSE

- a. 1/4" A36

56. SHOES

- a. 1 11/16" x 2 1/4" x 12" UHMW qty (8)

57. UPPER FACE SHEET

- a. 10 GA 50K

58. BASE AND SUPPORT STRUCTURE

- a. Formed 1/4" 50K 1/4" X 4" tube 1/4" x 4: flat

59. BRONZE BUSHINGS

- a. 2" ID

60. SWEEP NOSE

- a. 5/8" A36

61. BACKING PLATE

a. 10 ga 50k

62. LOWER SLIDE SHOE

a. 5" x 21" x 5/8" A36 plate 1/2" x 24" x 2 3/4" UHMW

63. UPPER SLIDE CYLINDER PINS

a. 1 1/2" OD 1144 stressproof

64. UPPER SWEEP PINS

a. 1 1/2" OD 1144 stressproof

65. LOWER SWEEP PINS

a. 2" OD 1144 stressproof

66. FACE PLATE

a. 1/4" 50k

67. SWEEP

a. (2) 5" bore, 16" stroke, 2-1/2" rod

68. WARRANTY

- a. 2 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty

69. STEEL OPTIONS

- a. Ejection panel face 10ga 50k
- b. Upper body floor 10ga 80k
- c. Hopper floor and back 1/4" 50k and back 1/4" 100k
- d. Tailgate lower sides 7ga, 50k
- e. Slide face 7ga, 50k

70. HYDRAULICS

- a. Induction hardened slide rods
- b. Induction hardened sweep rods
- c. Zinc clear hydraulic tubes

71. SAFETY DEVICE OPTIONS

- a. Fire extinguisher - 10lb (standard on mounted units)
- b. Triangle Kit (standard on mounted units)



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 16 YARD VIPER REAR LOADER SPECIFICATION #111

2016 New Way 16 Yard Viper Rear Loader

The New Way 16 Yard Viper Rear Loader purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$44,229.00	\$44,229.00	\$44,229.00	\$44,229.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	16 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$44,229.00	\$44,229.00	\$44,229.00	\$44,229.00

Order Code	Add Options	All Zones
	Installed customer supplied scales (quoted on request)	NA
	Vulcan scale installed (4 point system)	\$11,073.00
	Vulcan scale installed (6 point system)	\$14,230.00
	Loadman scale installed (4 point system)	\$12,378.00
	Loadman scale installed (6 point system)	\$12,841.00
	Pump only	Std
	Manual transmission or automatic transmission (air assist PTO) Gear pump (requires additional solenoid valves for safety interlocks)	\$2,820.00
	Automatic transmission (hot shift) with pump	\$2,081.00
	Automatic transmission (hot shift with overspeed) with pump	\$2,361.00
	Automatic transmission (hot shift with overspeed) with pump, pack on the go	\$2,486.00
	Front mount muncie MLS	\$3,533.00
	Pack at lower RPM gear pump (additional charge) *1,000-1,200 <i>chassis and engine torque must be approved by the body manufacturer for this option. 1</i>	\$770.00 ¹
	Pack at lower RPM vane pump (additional charge) *1,000-1,200 RPM (requires driveline or extension shaft) <i>chassis and engine torque must be approved by the body manufacturer for this option. 1</i>	\$2,346.00 ¹
	*check with chassis manufacturer for adequate torque @ low RPM	NA
	Silent drive 20,000 lb pusher axle with tires	\$10,651.00
	Silent drive 20,000lb pusher axle without tires	\$8,337.00
	Silent drive 13,200 lb pusher axle with tires	\$9,256.00
	Silent drive 13,200 lb pusher axle without tires	\$7,853.00
	9,000 lb tulsa winch with latch kit	\$3,055.00
	12,000 lb tulsa winch with latch kit	\$3,997.00
	12,000 lb bloom winch with latch kit	\$3,997.00
	12,000 lb reeving cylinder with latch kit	\$4,891.00
	Kick bar with latch kit	\$3,572.00
	Kick bar without latch kit	\$3,045.00
	Extra valve section and handle (rear valve for future container handling option)	\$615.00
	Extra valve section (front valve with air actuator)	\$775.00
	Latch kit/trunion guides/ and container stops	\$525.00
	Brace roof and cut out for drum winch for future install	\$352.00
	Extra cable guide on drum winch rearward	\$280.00
	Lower loadsill 3"	\$182.00
	Perkins auto trunion lock	\$5,829.00

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BASE PRICE:	\$44,229.00	\$44,229.00	\$44,229.00	\$44,229.00

*Note - Maximum of 2 valve sections available on rear valve for options	NA
Perkins cylinder actuated (no other container lifting devices) D6500	\$3,949.00
Perkins cylinder actuated (with other container lifting devices) D6500 (not compatible with Kick Bar)	\$4,527.00
Perkins rotary actuated (no other container lifting devices) D6220	\$5,400.00
Perkins rotary actuated (with other container lifting devices) D6220	\$5,826.00
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Bayne rotary actuated (with other container lifting devices) Revolution series	\$5,928.00
Perkins auto arm lifter (D6098) (not compatible with any other container lifting devices)	\$7,621.00
Extra valve section with extended handle (rear valve for future cart tipper installation)	\$615.00
Street side linkage to operate tipper valve section	\$375.00
Single tap-in-kit (required if more than two (2) container handling/cart tipper options or left side cart tipper)	\$937.00
Dual tap-in-kit (required if dual tippers, unless street side linkage providing the sections are available)	\$1,106.00
Extend loadsill and latch kit for future install of cart tipper	\$623.00
Add hydraulic tubing to tailgate side for future tipper install	\$157.00
Notch loadsill for tipper with other lifting devices	\$233.00
LED mid body back-up lights includes up to two (2) lights	\$434.00
LED work lights two (2) mounted, inside upper tailgate shining in hopper	\$329.00
LED work lights two (2) mounted, outside upper tailgate shining rearward	\$450.00
Strobe light (surface mount)	\$295.00
Strobe light package (integrated strobe system) (2 round lights mounted upper tailgate)	\$461.00
Strobe light package (integrated strobe system) (2 round lights mounted lower tailgate)	\$461.00
Strobe light package (integrated strobe system) (2 round lights mounted front of body)	\$542.00
LED round strobes upper tailgate (2 lights)	\$306.00
LED round strobes lower tailgate (2 lights)	\$390.00
LED round strobes at front of body (2 lights)	\$390.00
LED oval strobes upper tailgate (2 lights)	\$390.00
LED oval strobes at front of body (2 lights)	\$390.00
LED 7" round strobes upper tailgate (2 lights)	\$548.00
Traffic adviser board (not compatible with winches)	\$811.00
Center mount brake (ID Cluster)	\$85.00
Brush guards for upper light bar	\$171.00
Wiring circuit including switch for customer install of lights	\$140.00
Safety shut down curbside	Std
Safety shut down streetside	\$151.00

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BASE PRICE:	\$44,229.00	\$44,229.00	\$44,229.00	\$44,229.00

Driver alert buzzer curb side	Std
Driver alert buzzer street side	\$102.00
Guard to protect control handles	\$68.00
Back up alarm upgrade 102db	\$75.00
Back up alarm auto volume adjustable	\$148.00
Interlock on front access door	Std
Back up collision avoidance sensor (pre-view)	\$2,298.00
Fire extinguisher - 20lb (upgrade from 10lb) (only available on mounted units only)	\$94.00
5.6" color flat screen with audio	Std
7.0" color flat screen with audio	\$214.00
3rd eye 7.0" color flat screen with audio	\$510.00
Prime Only	Std
Acrylic Urethane Enamel white (9-20RL)	\$1,599.00
Acrylic Urethane Enamel white (25-RL)	NA
Acrylic Urethane Enamel color (9-20RL)	\$2,077.00
Acrylic Urethane Enamel color (25 RL)	NA
Clear coat	\$1,599.00
Two tone or special design (mounted units only) <i>CONSULT FACTORY</i> ¹	NA ¹
Body under coating (mounted units only) (applied from frame rails to edge of body and under side of hopper)	\$1,509.00
Riding steps coated with black bed liner material	\$178.00
Prime inside of body (recommended for stock units)	\$382.00
Magnum package - hopper floor 1/4" 100k, tailgate lower sides 1/4" 50k, sweep and slide face 1/4" 80k, upper floor 7ga 50k, lower body floors 3/8" 50k	\$2,127.00
Upper body floor 1/4" 50k from 10ga 80k	\$693.00
Upper body floor 7ga 50k from 10ga 80k	\$492.00
Hopper floor and back 1/4" 100k	\$500.00
Hopper floor and back 3/8" 50k	\$606.00
Hopper floor 1/2" 50k, back 1/4" 100k AR200	\$1,220.00
Hopper liner floor and back 1/4" 100k	\$1,238.00
Reinforce hopper floor with additional braces	\$280.00
Tailgate lower side 1/4", 50k	\$404.00
Tailgate lower side 1/4", 80k	\$744.00
Tailgate lower side 1/4", 100k	\$1,149.00
Tailgate lower side liners 7ga, 50k	\$825.00
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ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$44,229.00	\$44,229.00	\$44,229.00	\$44,229.00

Slide face 1/4" 50k	\$234.00
Slide face 1/4" 100k	\$386.00
Sweep face 1/4" 100k	\$276.00
Ejection panel face 7ga 50k	\$320.00
Ejection panel face 1/4" 50k	\$638.00
Full body weld inside vs. stitched	\$367.00
Full weld outside center trough	Std
Frame mounted hydraulic tank	\$584.00
Electronic filter by-pass indicator in cab	\$239.00
Hydraulic shut down when filter in by-pass	\$539.00
Hour meter on PTO	\$253.00
High temperature fluid switch	\$467.00
Low fluid level switch	\$462.00
In tank oil heater (110 volt)	\$1,173.00
In cab air controls for tailgate and eject (includes auto tailgate locks)	\$736.00
Remote hook-up with quick disconnects	\$1,042.00
Nylon sleeves on hoses	\$306.00
Viper slide cylinders on Cobra w 2500 PSI (STD on 11,13 yard)	\$472.00
Guards to protect roof hoses/pipes	\$424.00
Quick disconnect pressure port at front valve	Std
Quick connect pressure gauge	\$91.00
Auto lube system (up to 14 points)	\$5,632.00
Turnbuckles	\$367.00
Mud flaps behind rear axles	\$171.00
Mud flaps in front of rear axles	\$171.00
Shovel/broom rack	\$184.00
Steel tool box 18x18x24	\$496.00
Steel tool box 18x18x36	\$580.00
Steel tool box 18x18x46	\$636.00
Steel tool box 18x18x48 <i>CORRECTION 24X24X48</i> ¹	\$677.00 ¹
Sign brackets 3' x 5' (pair)	\$398.00
Sign brackets 42" x 78" (pair)	\$491.00
Sign brackets 60" x 72" (pair)	\$582.00
Access door 30" x 30"	\$220.00
Access door steps (ladder with handles)	\$347.00
Extra grab handles (set)	\$120.00

VEHICLE:	16 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$44,229.00	\$44,229.00	\$44,229.00	\$44,229.00

Container washout tank 35 gallon	\$1,479.00
Container washout tank 50 gallon	\$1,632.00
Water cooler and bracket	\$242.00
Steps extend length (not compatible with kick bar)	\$403.00
Steps extend width (max 102")	\$357.00
Hopper floor extension (limits fallback into hopper)	\$535.00
Tailgate seal extension (increases seal height)	\$331.00
Cup holder (mounted to side of tailgate)	\$76.00
3 year cylinder warranty (16 to 25 yard Cobra) <i>VIPER INCLUDED</i> ¹	\$1,132.00 ¹
2 year body warranty	\$1,214.00
3 year body warranty	\$1,892.00
2 year hydraulic warranty	\$1,075.00
3 year hydraulic warranty (excludes cylinders)	\$1,567.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>NEW WAY - 18 YARD VIPER REAR LOADER (Specification #112)</u>			
Amick Equipment Co., Inc.	2016 New Way 18 Yard Viper Rear Loader	★Appalachia	\$44,807.00
Amick Equipment Co., Inc.	2016 New Way 18 Yard Viper Rear Loader	★Dogwood	\$41,535.00
Amick Equipment Co., Inc.	2016 New Way 18 Yard Viper Rear Loader	★Cardinal	\$41,535.00
Amick Equipment Co., Inc.	2016 New Way 18 Yard Viper Rear Loader	★Longleaf Pine	\$41,535.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 18 YARD VIPER REAR LOADER **SPECIFICATION #112**

2016 New Way 18 Yard Viper Rear Loader

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **MAIN BODY RAILS**

a. C8 x 11.5# Structural Channel

2. **FLOOR**

a. Front .25-50k Rear .25-50K

3. **FLOOR BRACES**

a. 8" Wide; 10GA-50K

4. **CENTER FLOOR BRACES**

a. 8" Wide; 10GA-50K

5. **MOUNTING BRACKETS**

a. Welded to Main Body Rails; 1/2" - A36

6. **EJECTION PANEL TRACKS**

a. C8 x 11.5# Structural Channel Wear Strips

7. **SIDE WALLS**

a. 10GA - 80K

8. **ROOF**

a. 10GA - 80K

9. **REAR FRAME**

a. Formed 6 11/16" x 4 13/16", 1/4" - GR50 Formed + Welded 1/4" GR 50, Sides Upper and Lower

10. **TAILGATE HINGE LUGS**

a. 1" - A36

11. **UPPER BULKHEAD**

a. 10GA - 50K

12. **LOWER BULKHEAD**

a. 1/4" - 50K

13. ACCESS DOOR
 - a. 28" x 23 1/2"
14. UPPER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
15. LOWER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
16. BODY HEIGHT
 - a. 20 Yard - 83"
17. OVERALL HEIGHT WITH TAILGATE RAISED
 - a. 20 Yard - 158"
18. BODY LENGTH
 - a. 20 yard - 245"
19. OVERALL LENGTH WITH TAILGATE RAISED
 - a. 20 yard - 255"
20. INSIDE WIDTH
 - a. 11 - 25 yard - 93"
21. MAX OUTSIDE WIDTH
 - a. 11 - 25 Yard - 96"
22. APPROXIMATE BODY WEIGHT (IN LBS)
 - a. 25 Yard - 12,200lbs
23. BODY CAPACITIES
 - a. 20 Cubic Yard
24. HOPPER CAPACITY
 - a. 20 Cubic Yard Rear Loader - 3 Cubic Yards
25. HOPPER OPENING HEIGHT
 - a. 20RL - 52"
26. HOPPER OPENING WIDTH
 - a. 74"
27. UPPER HOPPER BRACE
 - a. Formed 1/4" - A36
28. HOPPER FLOOR
 - a. 1/4" 50k
29. HOPPER BRACES
 - a. Formed 1/4" 50k
30. TAILGATE SEAL HEIGHT
 - a. 22"

31. LOWER TAILGATE SIDE

a. 7 ga 50k

32. UPPER TAILGATE SIDES

a. 10 ga 50k

33. SLIDE TRACKS

a. Formed 1/4"- 50k

34. SLIDE WEAR STRIPS

a. 1/2" x 2 1/2" A36

35. TAILGATE SIDE BRACES

a. Formed 7GA - 50k

36. FACE SHEET

a. 10GA 50K

37. FACE SHEET BRACES

a. Formed 7 ga 50k

38. LUGS

a. 1" x 4" 1018CFG flat

39. LUG CENTER BRACES

a. Formed 10 GA 50k

40. UPPER SLIDE SHOE

a. 7 1/4" x 1" Lug 6 7/8" x 5 13/16" x 1 3/4" UHMW

41. SLIDE

a. 20RL - 4 1/2" Bore, 43" Stroke, 3" Rod

42. TAILGATE

a. 20RL 4" Bore, 24" Stroke, 1-3/4" Rod

43. EJECTION PANEL

a. 20RL 4 stage 6-1/2" Bore, 114" Stroke

44. MINIMUM GVWR (IN LBS.)

a. 20 - 33,000 lbs

45. RECOMMENDED CAB TO TRUNION

a. 20RL - 138"

46. ADDITIONAL STANDARD EQUIPMENT

- a. Semi auto cycling
- b. Auto back pack
- c. Accelerator kit
- d. Auto lock tailgate
- e. Back-Up alarm
- f. All LED lights
- g. Hydraulic tank temp gauge
- h. Right side hydraulic tank access port

- i. ICC lights and reflectors
- j. Site gauge on oil tank
- k. Oil pressure gauge
- l. Chrome cylinders
- m. Side access door
- n. Driver alert buzzer
- o. Tailgate ajar indicator
- p. Light bar
- q. Bolt on steps on rear
- r. Prime under paint
- s. Rear vision camera

47. TROUGH (YES OR NO)

- a. Yes

48. OPERATING PRESSURE

- a. 2,000 PSI

49. HOSES

- a. 4 to 1 BURST

50. FILTER

- a. 10 micron

51. PUMP FLOW

- a. 29 GPM @ 1,350-1,400 RPM

52. TANK CAPACITY

- a. 45 gallon with 100 mesh 141 micron suction strainer

53. CYLINDER PIN

- a. 1 1/4 OD 1144 Stressproof

54. CYLINDER SUPPORTS

- a. 3/4" A36 Formed 3/8" 50K

55. NOSE

- a. 1/4" A36

56. SHOES

- a. 1 11/16" x 2 1/4" x 12" UHMW qty (8)

57. UPPER FACE SHEET

- a. 10 GA 50K

58. BASE AND SUPPORT STRUCTURE

- a. Formed 1/4" 50K 1/4" X 4" tube 1/4" x 4: flat

59. BRONZE BUSHINGS

- a. 2" ID

60. SWEEP NOSE

- a. 5/8" A36

61. BACKING PLATE

a. 10 ga 50k

62. LOWER SLIDE SHOE

a. 5" x 21" x 5/8" A36 plate 1/2" x 24" x 2 3/4" UHMW

63. UPPER SLIDE CYLINDER PINS

a. 1 1/2" OD 1144 stressproof

64. UPPER SWEEP PINS

a. 1 1/2" OD 1144 stressproof

65. LOWER SWEEP PINS

a. 2" OD 1144 stressproof

66. FACE PLATE

a. 1/4" 50k

67. SWEEP

a. (2) 5" bore, 16" stroke, 2-1/2" rod

68. WARRANTY

- a. 2 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty

69. STEEL OPTIONS

- a. Ejection panel face 10ga 50k
- b. Upper body floor 10ga 80k
- c. Hopper floor and back 1/4" 50k and back 1/4" 100k
- d. Tailgate lower sides 7ga, 50k
- e. Slide face 7ga, 50k

70. HYDRAULICS

- a. Induction hardened slide rods
- b. Induction hardened sweep rods
- c. Zinc clear hydraulic tubes

71. SAFETY DEVICE OPTIONS

- a. Fire extinguisher - 10lb (standard on mounted units)
- b. Triangle Kit (standard on mounted units)



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 18 YARD VIPER REAR LOADER SPECIFICATION #112

2016 New Way 18 Yard Viper Rear Loader

The New Way 18 Yard Viper Rear Loader purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$44,807.00	\$41,535.00	\$41,535.00	\$41,535.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	18 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$44,807.00	\$41,535.00	\$41,535.00	\$41,535.00

Order Code	Add Options	All Zones
	Installed customer supplied scales (quoted on request)	NA
	Vulcan scale installed (4 point system)	\$11,073.00
	Vulcan scale installed (6 point system)	\$14,230.00
	Loadman scale installed (4 point system)	\$12,378.00
	Loadman scale installed (6 point system)	\$12,481.00
	Pump only	Std
	Manual transmission or automatic transmission (air assist PTO) Gear pump (requires additional solenoid valves for safety interlocks)	\$2,820.00
	Automatic transmission (hot shift) with pump	\$2,082.00
	Automatic transmission (hot shift with overspeed) with pump	\$2,361.00
	Automatic transmission (hot shift with overspeed) with pump, pack on the go	\$2,486.00
	Front mount muncie MLS	\$3,533.00
	Pack at lower RPM gear pump (additional charge) *1,000-1,200 <i>unit chassis, engine hp and torque must be approved by New Way</i> ¹	\$770.00 ¹
	Pack at lower RPM vane pump (additional charge) *1,000-1,200 RPM (requires driveline or extension shaft) <i>unit chassis, engine hp and torque must be approved by New Way</i> ¹	\$2,346.00 ¹
	*check with chassis manufacturer for adequate torque @ low RPM	NA
	Silent drive 20,000 lb pusher axle with tires	\$10,652.00
	Silent drive 20,000lb pusher axle without tires	\$8,337.00
	Silent drive 13,200 lb pusher axle with tires	\$9,256.00
	Silent drive 13,200 lb pusher axle without tires	\$7,853.00
	9,000 lb tulsa winch with latch kit	\$3,055.00
	12,000 lb tulsa winch with latch kit	\$3,997.00
	12,000 lb bloom winch with latch kit	\$3,997.00
	12,000 lb reeving cylinder with latch kit	\$4,891.00
	Kick bar with latch kit	\$3,572.00
	Kick bar without latch kit	\$3,046.00
	Extra valve section and handle (rear valve for future container handling option)	\$615.00
	Extra valve section (front valve with air actuator)	\$775.00
	Latch kit/trunion guides/ and container stops	\$525.00
	Brace roof and cut out for drum winch for future install	\$352.00
	Extra cable guide on drum winch rearward	\$281.00
	Lower loadsill 3"	\$183.00
	Perkins auto trunion lock	\$5,929.00

VEHICLE:	18 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$44,807.00	\$41,535.00	\$41,535.00	\$41,535.00

	*Note - Maximum of 2 valve sections available on rear valve for options	NA
	Perkins cylinder actuated (no other container lifting devices) D6500	\$3,949.00
	Perkins cylinder actuated (with other container lifting devices) D6500 (not compatible with Kick Bar)	\$4,527.00
	Perkins rotary actuated (no other container lifting devices) D6220	\$5,400.00
	Perkins rotary actuated (with other container lifting devices) D6220	\$5,826.00
	Bayne rotary actuated (no other container lifting devices) MBTL180	\$5,095.00
	Bayne rotary actuated (with other container lifting devices) Revolution series	\$5,928.00
	Perkins auto arm lifter (D6098) (not compatible with any other container lifting devices)	\$7,621.00
	Extra valve section with extended handle (rear valve for future cart tipper installation)	\$615.00
	Street side linkage to operate tipper valve section	\$375.00
	Single tap-in-kit (required if more than two (2) container handling/cart tipper options or left side cart tipper)	\$937.00
	Dual tap-in-kit (required if dual tippers, unless street side linkage providing the sections are available)	\$1,106.00
	Extend loadsill and latch kit for future install of cart tipper	\$623.00
	Add hydraulic tubing to tailgate side for future tipper install	\$157.00
	Notch loadsill for tipper with other lifting devices	\$233.00
	LED mid body back-up lights includes up to two (2) lights	\$434.00
	LED work lights two (2) mounted, inside upper tailgate shining in hopper	\$329.00
	LED work lights two (2) mounted, outside upper tailgate shining rearward	\$450.00
	Strobe light (surface mount)	\$296.00
	Strobe light package (integrated strobe system) (2 round lights mounted upper tailgate)	\$461.00
	Strobe light package (integrated strobe system) (2 round lights mounted lower tailgate)	\$461.00
	Strobe light package (integrated strobe system) (2 round lights mounted front of body)	\$543.00
	LED round strobes upper tailgate (2 lights)	\$306.00
	LED round strobes lower tailgate (2 lights)	\$390.00
	LED round strobes at front of body (2 lights)	\$390.00
	LED oval strobes upper tailgate (2 lights)	\$390.00
	LED oval strobes at front of body (2 lights)	\$390.00
	LED 7" round strobes upper tailgate (2 lights)	\$548.00
	Traffic adviser board (not compatible with winches)	\$810.00
	Center mount brake (ID Cluster)	\$85.00
	Brush guards for upper light bar	\$171.00
	Wiring circuit including switch for customer install of lights	\$140.00
	Safety shut down curbside	Std
	Safety shut down streetside	\$151.00

VEHICLE:	18 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$44,807.00	\$41,535.00	\$41,535.00	\$41,535.00

Driver alert buzzer curb side	Std
Driver alert buzzer street side	\$102.00
Guard to protect control handles	\$68.00
Back up alarm upgrade 102db	\$75.00
Back up alarm auto volume adjustable	\$148.00
Interlock on front access door	Std
Back up collision avoidance sensor (pre-view)	\$2,298.00
Fire extinguisher - 20lb (upgrade from 10lb) (only available on mounted units only)	\$94.00
5.6" color flat screen with audio	Std
7.0" color flat screen with audio	\$214.00
3rd eye 7.0" color flat screen with audio	\$510.00
Prime Only	Std
Acrylic Urethane Enamel white (9-20RL)	\$1,599.00
Acrylic Urethane Enamel white (25-RL)	NA
Acrylic Urethane Enamel color (9-20RL)	\$2,077.00
Acrylic Urethane Enamel color (25 RL)	NA
Clear coat	\$1,599.00
Two tone or special design (mounted units only) <i>consult factory</i> ¹	NA ¹
Body under coating (mounted units only) (applied from frame rails to edge of body and under side of hopper)	\$1,510.00
Riding steps coated with black bed liner material	\$179.00
Prime inside of body (recommended for stock units)	\$383.00
Magnum package - hopper floor 1/4" 100k, tailgate lower sides 1/4" 50k, sweep and slide face 1/4" 80k, upper floor 7ga 50k, lower body floors 3/8" 50k	\$2,127.00
Upper body floor 1/4" 50k from 10ga 80k	\$693.00
Upper body floor 7ga 50k from 10ga 80k	\$492.00
Hopper floor and back 1/4" 100k	\$500.00
Hopper floor and back 3/8" 50k	\$606.00
Hopper floor 1/2" 50k, back 1/4" 100k AR200	\$1,220.00
Hopper liner floor and back 1/4" 100k	\$1,238.00
Reinforce hopper floor with additional braces	\$280.00
Tailgate lower side 1/4", 50k	\$406.00
Tailgate lower side 1/4", 80k	\$744.00
Tailgate lower side 1/4", 100k	\$1,149.00
Tailgate lower side liners 7ga, 50k	\$825.00
Tailgate lower side liners 1/4" 100k	\$1,647.00

VEHICLE:	18 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$44,807.00	\$41,535.00	\$41,535.00	\$41,535.00

Slide face 1/4" 50k	\$234.00
Slide face 1/4" 100k	\$386.00
Sweep face 1/4" 100k	\$276.00
Ejection panel face 7ga 50k	\$320.00
Ejection panel face 1/4" 50k	\$638.00
Full body weld inside vs. stitched	\$367.00
Full weld outside center trough	Std
Frame mounted hydraulic tank	\$584.00
Electronic filter by-pass indicator in cab	\$239.00
Hydraulic shut down when filter in by-pass	\$539.00
Hour meter on PTO	\$253.00
High temperature fluid switch	\$467.00
Low fluid level switch	\$462.00
In tank oil heater (110 volt)	\$1,173.00
In cab air controls for tailgate and eject (includes auto tailgate locks)	\$736.00
Remote hook-up with quick disconnects	\$1,042.00
Nylon sleeves on hoses	\$306.00
Viper slide cylinders on Cobra w 2500 PSI (STD on 11,13 yard)	\$472.00
Guards to protect roof hoses/pipes	\$424.00
Quick disconnect pressure port at front valve	Std
Quick connect pressure gauge	\$91.00
Auto lube system (up to 14 points)	\$5,632.00
Turnbuckles	\$367.00
Mud flaps behind rear axles	\$171.00
Mud flaps in front of rear axles	\$171.00
Shovel/broom rack	\$185.00
Steel tool box 18x18x24	\$497.00
Steel tool box 18x18x36	\$580.00
Steel tool box 18x18x46	\$636.00
Steel tool box 18x18x48 <i>correction 24x24x48¹</i>	\$677.00 ¹
Sign brackets 3' x 5' (pair)	\$399.00
Sign brackets 42" x 78" (pair)	\$491.00
Sign brackets 60" x 72" (pair)	\$582.00
Access door 30" x 30"	\$220.00
Access door steps (ladder with handles)	\$348.00
Extra grab handles (set)	\$120.00

VEHICLE:	18 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$44,807.00	\$41,535.00	\$41,535.00	\$41,535.00

Container washout tank 35 gallon	\$1,479.00
Container washout tank 50 gallon	\$1,632.00
Water cooler and bracket	\$243.00
Steps extend length (not compatible with kick bar)	\$404.00
Steps extend width (max 102")	\$357.00
Hopper floor extension (limits fallback into hopper)	\$535.00
Tailgate seal extension (increases seal height)	\$332.00
Cup holder (mounted to side of tailgate)	\$76.00
3 year cylinder warranty (16 to 25 yard Cobra)	\$1,175.00
2 year body warranty	\$1,214.00
3 year body warranty	\$1,892.00
2 year hydraulic warranty	\$1,075.00
3 year hydraulic warranty (excludes cylinders)	\$1,567.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>NEW WAY - 20 YARD VIPER REAR LOADER (Specification #113)</u>			
Amick Equipment Co., Inc.	2016 New Way 20 Yard Viper Rear Loader	★Appalachia	\$45,664.00
Amick Equipment Co., Inc.	2016 New Way 20 Yard Viper Rear Loader	★Dogwood	\$45,664.00
Amick Equipment Co., Inc.	2016 New Way 20 Yard Viper Rear Loader	★Cardinal	\$45,664.00
Amick Equipment Co., Inc.	2016 New Way 20 Yard Viper Rear Loader	★Longleaf Pine	\$45,664.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 20 YARD VIPER REAR LOADER **SPECIFICATION #113**

2016 New Way 20 Yard Viper Rear Loader

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **MAIN BODY RAILS**

a. C8 x 11.5# Structural Channel

2. **FLOOR**

a. Front .25-50k Rear .25-50K

3. **FLOOR BRACES**

a. 8" Wide; 10GA-50K

4. **CENTER FLOOR BRACES**

a. 8" Wide; 10GA-50K

5. **MOUNTING BRACKETS**

a. Welded to Main Body Rails; 1/2" - A36

6. **EJECTION PANEL TRACKS**

a. C8 x 11.5# Structural Channel Wear Strips

7. **SIDE WALLS**

a. 10GA - 80K

8. **ROOF**

a. 10GA - 80K

9. **REAR FRAME**

a. Formed 6 11/16" x 4 13/16", 1/4" - GR50 Formed + Welded 1/4" GR 50, Sides Upper and Lower

10. **TAILGATE HINGE LUGS**

a. 1" - A36

11. **UPPER BULKHEAD**

a. 10GA - 50K

12. **LOWER BULKHEAD**

a. 1/4" - 50K

13. ACCESS DOOR
 - a. 28" x 23 1/2"
14. UPPER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
15. LOWER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
16. BODY HEIGHT
 - a. 20 Yard - 83"
17. OVERALL HEIGHT WITH TAILGATE RAISED
 - a. 20 Yard - 158"
18. BODY LENGTH
 - a. 20 yard - 245"
19. OVERALL LENGTH WITH TAILGATE RAISED
 - a. 20 yard - 255"
20. INSIDE WIDTH
 - a. 11 - 25 yard - 93"
21. MAX OUTSIDE WIDTH
 - a. 11 - 25 Yard - 96"
22. APPROXIMATE BODY WEIGHT (IN LBS)
 - a. 25 Yard - 12,200lbs
23. BODY CAPACITIES
 - a. 20 Cubic Yard
24. HOPPER CAPACITY
 - a. 20 Cubic Yard Rear Loader - 3 Cubic Yards
25. HOPPER OPENING HEIGHT
 - a. 20RL - 52"
26. HOPPER OPENING WIDTH
 - a. 74"
27. UPPER HOPPER BRACE
 - a. Formed 1/4" - A36
28. HOPPER FLOOR
 - a. 1/4" 50k
29. HOPPER BRACES
 - a. Formed 1/4" 50k
30. TAILGATE SEAL HEIGHT
 - a. 22"

31. LOWER TAILGATE SIDE

a. 7 ga 50k

32. UPPER TAILGATE SIDES

a. 10 ga 50k

33. SLIDE TRACKS

a. Formed 1/4"- 50k

34. SLIDE WEAR STRIPS

a. 1/2" x 2 1/2" A36

35. TAILGATE SIDE BRACES

a. Formed 7GA - 50k

36. FACE SHEET

a. 10GA 50K

37. FACE SHEET BRACES

a. Formed 7 ga 50k

38. LUGS

a. 1" x 4" 1018CFG flat

39. LUG CENTER BRACES

a. Formed 10 GA 50k

40. UPPER SLIDE SHOE

a. 7 1/4" x 1" Lug 6 7/8" x 5 13/16" x 1 3/4" UHMW

41. SLIDE

a. 20RL - 4 1/2" Bore, 43" Stroke, 3" Rod

42. TAILGATE

a. 20RL 4" Bore, 24" Stroke, 1-3/4" Rod

43. EJECTION PANEL

a. 20RL 4 stage 6-1/2" Bore, 114" Stroke

44. MINIMUM GVWR (IN LBS.)

a. 20 - 33,000 lbs

45. RECOMMENDED CAB TO TRUNION

a. 20RL - 138"

46. ADDITIONAL STANDARD EQUIPMENT

- a. Semi auto cycling
- b. Auto back pack
- c. Accelerator kit
- d. Auto lock tailgate
- e. Back-Up alarm
- f. All LED lights
- g. Hydraulic tank temp gauge
- h. Right side hydraulic tank access port

- i. ICC lights and reflectors
- j. Site gauge on oil tank
- k. Oil pressure gauge
- l. Chrome cylinders
- m. Side access door
- n. Driver alert buzzer
- o. Tailgate ajar indicator
- p. Light bar
- q. Bolt on steps on rear
- r. Prime under paint
- s. Rear vision camera

47. TROUGH (YES OR NO)

- a. Yes

48. OPERATING PRESSURE

- a. 2,000 PSI

49. HOSES

- a. 4 to 1 BURST

50. FILTER

- a. 10 micron

51. PUMP FLOW

- a. 29 GPM @ 1,350-1,400 RPM

52. TANK CAPACITY

- a. 45 gallon with 100 mesh 141 micron suction strainer

53. CYLINDER PIN

- a. 1 1/4 OD 1144 Stressproof

54. CYLINDER SUPPORTS

- a. 3/4" A36 Formed 3/8" 50K

55. NOSE

- a. 1/4" A36

56. SHOES

- a. 1 11/16" x 2 1/4" x 12" UHMW qty (8)

57. UPPER FACE SHEET

- a. 10 GA 50K

58. BASE AND SUPPORT STRUCTURE

- a. Formed 1/4" 50K 1/4" X 4" tube 1/4" x 4: flat

59. BRONZE BUSHINGS

- a. 2" ID

60. SWEEP NOSE

- a. 5/8" A36

61. BACKING PLATE

a. 10 ga 50k

62. LOWER SLIDE SHOE

a. 5" x 21" x 5/8" A36 plate 1/2" x 24" x 2 3/4" UHMW

63. UPPER SLIDE CYLINDER PINS

a. 1 1/2" OD 1144 stressproof

64. UPPER SWEEP PINS

a. 1 1/2" OD 1144 stressproof

65. LOWER SWEEP PINS

a. 2" OD 1144 stressproof

66. FACE PLATE

a. 1/4" 50k

67. SWEEP

a. (2) 5" bore, 16" stroke, 2-1/2" rod

68. WARRANTY

- a. 2 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty

69. STEEL OPTIONS

- a. Ejection panel face 10ga 50k
- b. Upper body floor 10ga 80k
- c. Hopper floor and back 1/4" 50k and back 1/4" 100k
- d. Tailgate lower sides 7ga, 50k
- e. Slide face 7ga, 50k

70. HYDRAULICS

- a. Induction hardened slide rods
- b. Induction hardened sweep rods
- c. Zinc clear hydraulic tubes

71. SAFETY DEVICE OPTIONS

- a. Fire extinguisher - 10lb (standard on mounted units)
- b. Triangle Kit (standard on mounted units)



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 20 YARD VIPER REAR LOADER SPECIFICATION #113

2016 New Way 20 Yard Viper Rear Loader

The New Way 20 Yard Viper Rear Loader purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$45,664.00	\$45,664.00	\$45,664.00	\$45,664.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	20 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$45,664.00	\$45,664.00	\$45,664.00	\$45,664.00

Order Code	Add Options	All Zones
	Installed customer supplied scales (quoted on request)	NA
	Vulcan scale installed (4 point system)	\$11,073.00
	Vulcan scale installed (6 point system)	\$14,230.00
	Loadman scale installed (4 point system)	\$12,378.00
	Loadman scale installed (6 point system)	\$12,481.00
	Pump only	Std
	Manual transmission or automatic transmission (air assist PTO) Gear pump (requires additional solenoid valves for safety interlocks)	\$2,820.00
	Automatic transmission (hot shift) with pump	\$2,082.00
	Automatic transmission (hot shift with overspeed) with pump	\$2,361.00
	Automatic transmission (hot shift with overspeed) with pump, pack on the go	\$2,486.00
	Front mount muncie MLS	\$3,533.00
	Pack at lower RPM gear pump (additional charge) *1,000-1,200 <i>check with chassis manufacturer for adequate torque @ low RPM ¹</i>	\$770.00 ¹
	Pack at lower RPM vane pump (additional charge) *1,000-1,200 RPM (requires driveline or extension shaft) <i>check with chassis manufacturer for adequate torque @ low RPM ¹</i>	\$2,346.00 ¹
	*check with chassis manufacturer for adequate torque @ low RPM	NA
	Silent drive 20,000 lb pusher axle with tires	\$10,652.00
	Silent drive 20,000lb pusher axle without tires	\$8,337.00
	Silent drive 13,200 lb pusher axle with tires	\$9,256.00
	Silent drive 13,200 lb pusher axle without tires	\$7,853.00
	9,000 lb tulsa winch with latch kit	\$3,055.00
	12,000 lb tulsa winch with latch kit	\$3,997.00
	12,000 lb bloom winch with latch kit	\$3,997.00
	12,000 lb reeving cylinder with latch kit	\$4,891.00
	Kick bar with latch kit	\$3,572.00
	Kick bar without latch kit	\$3,046.00
	Extra valve section and handle (rear valve for future container handling option)	\$615.00
	Extra valve section (front valve with air actuator)	\$775.00
	Latch kit/trunion guides/ and container stops	\$525.00
	Brace roof and cut out for drum winch for future install	\$352.00
	Extra cable guide on drum winch rearward	\$281.00
	Lower loadsill 3"	\$183.00
	Perkins auto trunion lock	\$5,929.00

VEHICLE:	20 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$45,664.00	\$45,664.00	\$45,664.00	\$45,664.00

	*Note - Maximum of 2 valve sections available on rear valve for options	NA
	Perkins cylinder actuated (no other container lifting devices) D6500	\$3,949.00
	Perkins cylinder actuated (with other container lifting devices) D6500 (not compatible with Kick Bar)	\$4,527.00
	Perkins rotary actuated (no other container lifting devices) D6220	\$5,400.00
	Perkins rotary actuated (with other container lifting devices) D6220	\$5,826.00
	Bayne rotary actuated (no other container lifting devices) MBTL180	\$5,095.00
	Bayne rotary actuated (with other container lifting devices) Revolution series	\$5,928.00
	Perkins auto arm lifter (D6098) (not compatible with any other container lifting devices)	\$7,621.00
	Extra valve section with extended handle (rear valve for future cart tipper installation)	\$615.00
	Street side linkage to operate tipper valve section	\$375.00
	Single tap-in-kit (required if more than two (2) container handling/cart tipper options or left side cart tipper)	\$937.00
	Dual tap-in-kit (required if dual tippers, unless street side linkage providing the sections are available)	\$1,106.00
	Extend loadsill and latch kit for future install of cart tipper	\$623.00
	Add hydraulic tubing to tailgate side for future tipper install	\$157.00
	Notch loadsill for tipper with other lifting devices	\$233.00
	LED mid body back-up lights includes up to two (2) lights	\$434.00
	LED work lights two (2) mounted, inside upper tailgate shining in hopper	\$329.00
	LED work lights two (2) mounted, outside upper tailgate shining rearward	\$450.00
	Strobe light (surface mount)	\$296.00
	Strobe light package (integrated strobe system) (2 round lights mounted upper tailgate)	\$461.00
	Strobe light package (integrated strobe system) (2 round lights mounted lower tailgate)	\$461.00
	Strobe light package (integrated strobe system) (2 round lights mounted front of body)	\$543.00
	LED round strobes upper tailgate (2 lights)	\$306.00
	LED round strobes lower tailgate (2 lights)	\$390.00
	LED round strobes at front of body (2 lights)	\$390.00
	LED oval strobes upper tailgate (2 lights)	\$390.00
	LED oval strobes at front of body (2 lights)	\$390.00
	LED 7" round strobes upper tailgate (2 lights)	\$548.00
	Traffic adviser board (not compatible with winches)	\$810.00
	Center mount brake (ID Cluster)	\$85.00
	Brush guards for upper light bar	\$171.00
	Wiring circuit including switch for customer install of lights	\$140.00
	Safety shut down curbside	Std
	Safety shut down streetside	\$151.00

VEHICLE:	20 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$45,664.00	\$45,664.00	\$45,664.00	\$45,664.00

Driver alert buzzer curb side	Std
Driver alert buzzer street side	\$102.00
Guard to protect control handles	\$68.00
Back up alarm upgrade 102db	\$75.00
Back up alarm auto volume adjustable	\$148.00
Interlock on front access door	Std
Back up collision avoidance sensor (pre-view)	\$2,298.00
Fire extinguisher - 20lb (upgrade from 10lb) (only available on mounted units only)	\$94.00
5.6" color flat screen with audio	Std
7.0" color flat screen with audio	\$214.00
3rd eye 7.0" color flat screen with audio	\$510.00
Prime Only	Std
Acrylic Urethane Enamel white (9-20RL)	\$1,599.00
Acrylic Urethane Enamel white (25-RL)	NA
Acrylic Urethane Enamel color (9-20RL)	\$2,077.00
Acrylic Urethane Enamel color (25 RL)	NA
Clear coat	\$1,599.00
Two tone or special design (mounted units only) <i>consult factory for quote</i> ¹	NA ¹
Body under coating (mounted units only) (applied from frame rails to edge of body and under side of hopper)	\$1,510.00
Riding steps coated with black bed liner material	\$179.00
Prime inside of body (recommended for stock units)	\$383.00
Magnum package - hopper floor 1/4" 100k, tailgate lower sides 1/4" 50k, sweep and slide face 1/4" 80k, upper floor 7ga 50k, lower body floors 3/8" 50k	\$2,127.00
Upper body floor 1/4" 50k from 10ga 80k	\$693.00
Upper body floor 7ga 50k from 10ga 80k	\$492.00
Hopper floor and back 1/4" 100k	\$500.00
Hopper floor and back 3/8" 50k	\$606.00
Hopper floor 1/2" 50k, back 1/4" 100k AR200	\$1,220.00
Hopper liner floor and back 1/4" 100k	\$1,238.00
Reinforce hopper floor with additional braces	\$280.00
Tailgate lower side 1/4", 50k	\$406.00
Tailgate lower side 1/4", 80k	\$744.00
Tailgate lower side 1/4", 100k	\$1,149.00
Tailgate lower side liners 7ga, 50k	\$825.00
Tailgate lower side liners 1/4" 100k	\$1,647.00

VEHICLE:	20 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$45,664.00	\$45,664.00	\$45,664.00	\$45,664.00

Slide face 1/4" 50k	\$234.00
Slide face 1/4" 100k	\$386.00
Sweep face 1/4" 100k	\$276.00
Ejection panel face 7ga 50k	\$320.00
Ejection panel face 1/4" 50k	\$638.00
Full body weld inside vs. stitched	\$367.00
Full weld outside center trough	Std
Frame mounted hydraulic tank	\$584.00
Electronic filter by-pass indicator in cab	\$239.00
Hydraulic shut down when filter in by-pass	\$539.00
Hour meter on PTO	\$253.00
High temperature fluid switch	\$467.00
Low fluid level switch	\$462.00
In tank oil heater (110 volt)	\$1,173.00
In cab air controls for tailgate and eject (includes auto tailgate locks)	\$736.00
Remote hook-up with quick disconnects	\$1,042.00
Nylon sleeves on hoses	\$306.00
Viper slide cylinders on Cobra w 2500 PSI (STD on 11,13 yard)	\$472.00
Guards to protect roof hoses/pipes	\$424.00
Quick disconnect pressure port at front valve	Std
Quick connect pressure gauge	\$91.00
Auto lube system (up to 14 points)	\$5,632.00
Turnbuckles	\$367.00
Mud flaps behind rear axles	\$171.00
Mud flaps in front of rear axles	\$171.00
Shovel/broom rack	\$185.00
Steel tool box 18x18x24	\$497.00
Steel tool box 18x18x36	\$580.00
Steel tool box 18x18x46	\$636.00
Steel tool box 18x18x48 <i>correction 24x24x48¹</i>	\$677.00 ¹
Sign brackets 3' x 5' (pair)	\$399.00
Sign brackets 42" x 78" (pair)	\$491.00
Sign brackets 60" x 72" (pair)	\$582.00
Access door 30" x 30"	\$220.00
Access door steps (ladder with handles)	\$348.00
Extra grab handles (set)	\$120.00

VEHICLE:	20 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$45,664.00	\$45,664.00	\$45,664.00	\$45,664.00

Container washout tank 35 gallon	\$1,479.00
Container washout tank 50 gallon	\$1,632.00
Water cooler and bracket	\$243.00
Steps extend length (not compatible with kick bar)	\$404.00
Steps extend width (max 102")	\$357.00
Hopper floor extension (limits fallback into hopper)	\$535.00
Tailgate seal extension (increases seal height)	\$332.00
Cup holder (mounted to side of tailgate)	\$76.00
3 year cylinder warranty (16 to 25 yard Cobra)	\$1,275.00
2 year body warranty	\$1,214.00
3 year body warranty	\$1,892.00
2 year hydraulic warranty	\$1,075.00
3 year hydraulic warranty (excludes cylinders)	\$1,567.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>NEW WAY - 25 YARD VIPER REAR LOADER (Specification #114)</u>			
Amick Equipment Co., Inc.	2016 New Way 25 Yard Viper Rear Loader	★Appalachia	\$47,706.00
Amick Equipment Co., Inc.	2016 New Way 25 Yard Viper Rear Loader	★Dogwood	\$47,706.00
Amick Equipment Co., Inc.	2016 New Way 25 Yard Viper Rear Loader	★Cardinal	\$47,706.00
Amick Equipment Co., Inc.	2016 New Way 25 Yard Viper Rear Loader	★Longleaf Pine	\$47,706.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 25 YARD VIPER REAR LOADER **SPECIFICATION #114**

2016 New Way 25 Yard Viper Rear Loader

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **MAIN BODY RAILS**

a. C8 x 11.5# Structural Channel

2. **FLOOR**

a. Front .25-50k Rear .25-50K

3. **FLOOR BRACES**

a. 8" Wide; 10GA-50K

4. **CENTER FLOOR BRACES**

a. 8" Wide; 10GA-50K

5. **MOUNTING BRACKETS**

a. Welded to Main Body Rails; 1/2" - A36

6. **EJECTION PANEL TRACKS**

a. C8 x 11.5# Structural Channel Wear Strips

7. **SIDE WALLS**

a. 10GA - 80K

8. **ROOF**

a. 10GA - 80K

9. **REAR FRAME**

a. Formed 6 11/16" x 4 13/16", 1/4" - GR50 Formed + Welded 1/4" GR 50, Sides Upper and Lower

10. **TAILGATE HINGE LUGS**

a. 1" - A36

11. **UPPER BULKHEAD**

a. 10GA - 50K

12. **LOWER BULKHEAD**

a. 1/4" - 50K

13. ACCESS DOOR
 - a. 28" x 23 1/2"
14. UPPER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
15. LOWER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
16. BODY HEIGHT
 - a. 20 Yard - 83"
17. OVERALL HEIGHT WITH TAILGATE RAISED
 - a. 20 Yard - 158"
18. BODY LENGTH
 - a. 20 yard - 245"
19. OVERALL LENGTH WITH TAILGATE RAISED
 - a. 20 yard - 255"
20. INSIDE WIDTH
 - a. 11 - 25 yard - 93"
21. MAX OUTSIDE WIDTH
 - a. 11 - 25 Yard - 96"
22. APPROXIMATE BODY WEIGHT (IN LBS)
 - a. 25 Yard - 12,200lbs
23. BODY CAPACITIES
 - a. 20 Cubic Yard
24. HOPPER CAPACITY
 - a. 20 Cubic Yard Rear Loader - 3 Cubic Yards
25. HOPPER OPENING HEIGHT
 - a. 20RL - 52"
26. HOPPER OPENING WIDTH
 - a. 74"
27. UPPER HOPPER BRACE
 - a. Formed 1/4" - A36
28. HOPPER FLOOR
 - a. 1/4" 50k
29. HOPPER BRACES
 - a. Formed 1/4" 50k
30. TAILGATE SEAL HEIGHT
 - a. 22"

31. LOWER TAILGATE SIDE

a. 7 ga 50k

32. UPPER TAILGATE SIDES

a. 10 ga 50k

33. SLIDE TRACKS

a. Formed 1/4"- 50k

34. SLIDE WEAR STRIPS

a. 1/2" x 2 1/2" A36

35. TAILGATE SIDE BRACES

a. Formed 7GA - 50k

36. FACE SHEET

a. 10GA 50K

37. FACE SHEET BRACES

a. Formed 7 ga 50k

38. LUGS

a. 1" x 4" 1018CFG flat

39. LUG CENTER BRACES

a. Formed 10 GA 50k

40. UPPER SLIDE SHOE

a. 7 1/4" x 1" Lug 6 7/8" x 5 13/16" x 1 3/4" UHMW

41. SLIDE

a. 20RL - 4 1/2" Bore, 43" Stroke, 3" Rod

42. TAILGATE

a. 20RL 4" Bore, 24" Stroke, 1-3/4" Rod

43. EJECTION PANEL

a. 20RL 4 stage 6-1/2" Bore, 114" Stroke

44. MINIMUM GVWR (IN LBS.)

a. 20 - 33,000 lbs

45. RECOMMENDED CAB TO TRUNION

a. 20RL - 138"

46. ADDITIONAL STANDARD EQUIPMENT

- a. Semi auto cycling
- b. Auto back pack
- c. Accelerator kit
- d. Auto lock tailgate
- e. Back-Up alarm
- f. All LED lights
- g. Hydraulic tank temp gauge
- h. Right side hydraulic tank access port

- i. ICC lights and reflectors
- j. Site gauge on oil tank
- k. Oil pressure gauge
- l. Chrome cylinders
- m. Side access door
- n. Driver alert buzzer
- o. Tailgate ajar indicator
- p. Light bar
- q. Bolt on steps on rear
- r. Prime under paint
- s. Rear vision camera

47. TROUGH (YES OR NO)

- a. Yes

48. OPERATING PRESSURE

- a. 2,000 PSI

49. HOSES

- a. 4 to 1 BURST

50. FILTER

- a. 10 micron

51. PUMP FLOW

- a. 29 GPM @ 1,350-1,400 RPM

52. TANK CAPACITY

- a. 45 gallon with 100 mesh 141 micron suction strainer

53. CYLINDER PIN

- a. 1 1/4 OD 1144 Stressproof

54. CYLINDER SUPPORTS

- a. 3/4" A36 Formed 3/8" 50K

55. NOSE

- a. 1/4" A36

56. SHOES

- a. 1 11/16" x 2 1/4" x 12" UHMW qty (8)

57. UPPER FACE SHEET

- a. 10 GA 50K

58. BASE AND SUPPORT STRUCTURE

- a. Formed 1/4" 50K 1/4" X 4" tube 1/4" x 4: flat

59. BRONZE BUSHINGS

- a. 2" ID

60. SWEEP NOSE

- a. 5/8" A36

61. BACKING PLATE

a. 10 ga 50k

62. LOWER SLIDE SHOE

a. 5" x 21" x 5/8" A36 plate 1/2" x 24" x 2 3/4" UHMW

63. UPPER SLIDE CYLINDER PINS

a. 1 1/2" OD 1144 stressproof

64. UPPER SWEEP PINS

a. 1 1/2" OD 1144 stressproof

65. LOWER SWEEP PINS

a. 2" OD 1144 stressproof

66. FACE PLATE

a. 1/4" 50k

67. SWEEP

a. (2) 5" bore, 16" stroke, 2-1/2" rod

68. WARRANTY

- a. 2 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty

69. STEEL OPTIONS

- a. Ejection panel face 10ga 50k
- b. Upper body floor 10ga 80k
- c. Hopper floor and back 1/4" 50k and back 1/4" 100k
- d. Tailgate lower sides 7ga, 50k
- e. Slide face 7ga, 50k

70. HYDRAULICS

- a. Induction hardened slide rods
- b. Induction hardened sweep rods
- c. Zinc clear hydraulic tubes

71. SAFETY DEVICE OPTIONS

- a. Fire extinguisher - 10lb (standard on mounted units)
- b. Triangle Kit (standard on mounted units)



NORTH CAROLINA SHERIFFS' ASSOCIATION

NEW WAY - 25 YARD VIPER REAR LOADER SPECIFICATION #114

2016 New Way 25 Yard Viper Rear Loader

The New Way 25 Yard Viper Rear Loader purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$47,706.00	\$47,706.00	\$47,706.00	\$47,706.00

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The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	25 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$47,706.00	\$47,706.00	\$47,706.00	\$47,706.00

Order Code	Add Options	All Zones
	Installed customer supplied scales (quoted on request)	NA
	Vulcan scale installed (4 point system)	\$11,073.00
	Vulcan scale installed (6 point system)	\$14,230.00
	Loadman scale installed (4 point system)	\$12,378.00
	Loadman scale installed (6 point system)	\$12,481.00
	Pump only	Std
	Manual transmission or automatic transmission (air assist PTO) Gear pump (requires additional solenoid valves for safety interlocks)	\$2,820.00
	Automatic transmission (hot shift) with pump	\$2,082.00
	Automatic transmission (hot shift with overspeed) with pump	\$2,361.00
	Automatic transmission (hot shift with overspeed) with pump, pack on the go	\$2,486.00
	Front mount muncie MLS	\$3,533.00
	Pack at lower RPM gear pump (additional charge) *1,000-1,200 <i>*check with chassis manufacturer for adequate torque @ low RPM. also New Way approval ¹</i>	\$770.00 ¹
	Pack at lower RPM vane pump (additional charge) *1,000-1,200 RPM (requires driveline or extension shaft) <i>*check with chassis manufacturer for adequate torque @ low RPM. also New Way approval ¹</i>	\$2,346.00 ¹
	<i>*check with chassis manufacturer for adequate torque @ low RPM</i>	NA
	Silent drive 20,000 lb pusher axle with tires	\$10,652.00
	Silent drive 20,000lb pusher axle without tires	\$8,337.00
	Silent drive 13,200 lb pusher axle with tires	\$9,256.00
	Silent drive 13,200 lb pusher axle without tires	\$7,853.00
	9,000 lb tulsa winch with latch kit	\$3,055.00
	12,000 lb tulsa winch with latch kit	\$3,997.00
	12,000 lb bloom winch with latch kit	\$3,997.00
	12,000 lb reeving cylinder with latch kit	\$4,891.00
	Kick bar with latch kit	\$3,572.00
	Kick bar without latch kit	\$3,046.00
	Extra valve section and handle (rear valve for future container handling option)	\$615.00
	Extra valve section (front valve with air actuator)	\$775.00
	Latch kit/trunion guides/ and container stops	\$525.00
	Brace roof and cut out for drum winch for future install	\$352.00
	Extra cable guide on drum winch rearward	\$281.00
	Lower loadsill 3"	\$183.00
	Perkins auto trunion lock	\$5,929.00

VEHICLE:	25 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$47,706.00	\$47,706.00	\$47,706.00	\$47,706.00

*Note - Maximum of 2 valve sections available on rear valve for options	NA
Perkins cylinder actuated (no other container lifting devices) D6500	\$3,949.00
Perkins cylinder actuated (with other container lifting devices) D6500 (not compatible with Kick Bar)	\$4,527.00
Perkins rotary actuated (no other container lifting devices) D6220	\$5,400.00
Perkins rotary actuated (with other container lifting devices) D6220	\$5,826.00
Bayne rotary actuated (no other container lifting devices) MBTL180	\$5,095.00
Bayne rotary actuated (with other container lifting devices) Revolution series	\$5,928.00
Perkins auto arm lifter (D6098) (not compatible with any other container lifting devices)	\$7,621.00
Extra valve section with extended handle (rear valve for future cart tipper installation)	\$615.00
Street side linkage to operate tipper valve section	\$375.00
Single tap-in-kit (required if more than two (2) container handling/cart tipper options or left side cart tipper)	\$937.00
Dual tap-in-kit (required if dual tippers, unless street side linkage providing the sections are available)	\$1,106.00
Extend loadsill and latch kit for future install of cart tipper	\$623.00
Add hydraulic tubing to tailgate side for future tipper install	\$157.00
Notch loadsill for tipper with other lifting devices	\$233.00
LED mid body back-up lights includes up to two (2) lights	\$434.00
LED work lights two (2) mounted, inside upper tailgate shining in hopper	\$329.00
LED work lights two (2) mounted, outside upper tailgate shining rearward	\$450.00
Strobe light (surface mount)	\$296.00
Strobe light package (integrated strobe system) (2 round lights mounted upper tailgate)	\$461.00
Strobe light package (integrated strobe system) (2 round lights mounted lower tailgate)	\$461.00
Strobe light package (integrated strobe system) (2 round lights mounted front of body)	\$543.00
LED round strobes upper tailgate (2 lights)	\$306.00
LED round strobes lower tailgate (2 lights)	\$390.00
LED round strobes at front of body (2 lights)	\$390.00
LED oval strobes upper tailgate (2 lights)	\$390.00
LED oval strobes at front of body (2 lights)	\$390.00
LED 7" round strobes upper tailgate (2 lights)	\$548.00
Traffic adviser board (not compatible with winches)	\$810.00
Center mount brake (ID Cluster)	\$85.00
Brush guards for upper light bar	\$171.00
Wiring circuit including switch for customer install of lights	\$140.00
Safety shut down curbside	Std
Safety shut down streetside	\$151.00

VEHICLE:	25 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$47,706.00	\$47,706.00	\$47,706.00	\$47,706.00

Driver alert buzzer curb side	Std
Driver alert buzzer street side	\$102.00
Guard to protect control handles	\$68.00
Back up alarm upgrade 102db	\$75.00
Back up alarm auto volume adjustable	\$148.00
Interlock on front access door	Std
Back up collision avoidance sensor (pre-view)	\$2,298.00
Fire extinguisher - 20lb (upgrade from 10lb) (only available on mounted units only)	\$94.00
5.6" color flat screen with audio	Std
7.0" color flat screen with audio	\$214.00
3rd eye 7.0" color flat screen with audio	\$510.00
Prime Only	Std
Acrylic Urethane Enamel white (9-20RL)	NA
Acrylic Urethane Enamel white (25-RL)	\$2,100.00
Acrylic Urethane Enamel color (9-20RL)	NA
Acrylic Urethane Enamel color (25 RL)	\$2,683.00
Clear coat	\$1,599.00
Two tone or special design (mounted units only) <i>consult factory for quote</i> ¹	NA ¹
Body under coating (mounted units only) (applied from frame rails to edge of body and under side of hopper)	\$1,510.00
Riding steps coated with black bed liner material	\$179.00
Prime inside of body (recommended for stock units)	\$383.00
Magnum package - hopper floor 1/4" 100k, tailgate lower sides 1/4" 50k, sweep and slide face 1/4" 80k, upper floor 7ga 50k, lower body floors 3/8" 50k	\$2,127.00
Upper body floor 1/4" 50k from 10ga 80k	\$693.00
Upper body floor 7ga 50k from 10ga 80k	\$492.00
Hopper floor and back 1/4" 100k	\$500.00
Hopper floor and back 3/8" 50k	\$606.00
Hopper floor 1/2" 50k, back 1/4" 100k AR200	\$1,220.00
Hopper liner floor and back 1/4" 100k	\$1,238.00
Reinforce hopper floor with additional braces	\$280.00
Tailgate lower side 1/4", 50k	\$406.00
Tailgate lower side 1/4", 80k	\$744.00
Tailgate lower side 1/4", 100k	\$1,149.00
Tailgate lower side liners 7ga, 50k	\$825.00
Tailgate lower side liners 1/4" 100k	\$1,647.00

VEHICLE:	25 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$47,706.00	\$47,706.00	\$47,706.00	\$47,706.00

Slide face 1/4" 50k	\$234.00
Slide face 1/4" 100k	\$386.00
Sweep face 1/4" 100k	\$276.00
Ejection panel face 7ga 50k	\$320.00
Ejection panel face 1/4" 50k	\$638.00
Full body weld inside vs. stitched	\$367.00
Full weld outside center trough	Std
Frame mounted hydraulic tank	\$584.00
Electronic filter by-pass indicator in cab	\$239.00
Hydraulic shut down when filter in by-pass	\$539.00
Hour meter on PTO	\$253.00
High temperature fluid switch	\$467.00
Low fluid level switch	\$462.00
In tank oil heater (110 volt)	\$1,173.00
In cab air controls for tailgate and eject (includes auto tailgate locks)	\$306.00
Remote hook-up with quick disconnects	\$1,042.00
Nylon sleeves on hoses	\$306.00
Viper slide cylinders on Cobra w 2500 PSI (STD on 11,13 yard)	NA
Guards to protect roof hoses/pipes	\$424.00
Quick disconnect pressure port at front valve	Std
Quick connect pressure gauge	\$91.00
Auto lube system (up to 14 points)	\$5,632.00
Turnbuckles	\$367.00
Mud flaps behind rear axles	\$171.00
Mud flaps in front of rear axles	\$171.00
Shovel/broom rack	\$185.00
Steel tool box 18x18x24	\$497.00
Steel tool box 18x18x36	\$580.00
Steel tool box 18x18x46	\$636.00
Steel tool box 18x18x48 <i>correction 24x24x48¹</i>	\$677.00 ¹
Sign brackets 3' x 5' (pair)	\$399.00
Sign brackets 42" x 78" (pair)	\$491.00
Sign brackets 60" x 72" (pair)	\$582.00
Access door 30" x 30"	\$220.00
Access door steps (ladder with handles)	\$348.00
Extra grab handles (set)	\$120.00

VEHICLE:	25 Yard Viper Rear Loader			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$47,706.00	\$47,706.00	\$47,706.00	\$47,706.00

Container washout tank 35 gallon	\$1,479.00
Container washout tank 50 gallon	\$1,632.00
Water cooler and bracket	\$243.00
Steps extend length (not compatible with kick bar)	\$404.00
Steps extend width (max 102")	\$357.00
Hopper floor extension (limits fallback into hopper)	\$535.00
Tailgate seal extension (increases seal height)	\$332.00
Cup holder (mounted to side of tailgate)	\$76.00
3 year cylinder warranty (16 to 25 yard Cobra)	\$1,175.00
2 year body warranty	\$1,214.00
3 year body warranty	\$1,892.00
2 year hydraulic warranty	\$1,075.00
3 year hydraulic warranty (excludes cylinders)	\$1,567.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>PETERSEN TL-3 KNUCKLEBOOM LOADER AND DUMP BODY - 18FT., 24 CUBIC YD. (Specification #115)</u>			
Amick Equipment Co., Inc.	2016 Petersen TL-3 Knucleboom Loader and Dump Body- 18ft., 24 cubic yd.	★Appalachia	\$65,440.00
Amick Equipment Co., Inc.	2016 Petersen TL-3 Knucleboom Loader and Dump Body- 18ft., 24 cubic yd.	★Dogwood	\$65,440.00
Amick Equipment Co., Inc.	2016 Petersen TL-3 Knucleboom Loader and Dump Body- 18ft., 24 cubic yd.	★Cardinal	\$65,440.00
Amick Equipment Co., Inc.	2016 Petersen TL-3 Knucleboom Loader and Dump Body- 18ft., 24 cubic yd.	★Longleaf Pine	\$65,440.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

PETERSEN TL-3 KNUCKLEBOOM LOADER AND DUMP BODY - 18FT., 24 CUBIC YD. SPECIFICATION #115

2016 Petersen TL-3 Knuckleboom Loader and Dump Body- 18ft., 24 cubic yd.

Chassis Spec Visual Sheets will be provided to the Chassis Dealer to complete PO. Tag axles to be worked out with chassis dealer. Petersen TL-3 Body Model: 1820TBS / TBH / HDX - Frame RBM: 1,500,000; GVWR: 33,000 lb; FRONT: 12 K lb; REAR: 21 K lb; Effective CA: 168"; AF: 76"; Lift Axle: n/a; engine: 300hp; trans: auto; Petersen TL-3 Body Model: 1824TBS / TBH / HDX - Frame RBM: 1,500,000; GVWR: 33,000 lb; FRONT: 12 K lb; REAR: 21 K lb; Effective CA: 168"; AF: 76"; Lift Axle: n/a; engine: 300hp; trans: auto; Petersen TL-3 Body Model: 1828TBS / TBH / HDX - Frame RBM: 1,500,000; GVWR: 33,000 lb; FRONT: 12 K lb; REAR: 21 K lb; Effective CA: 168"; AF: 76"; Lift Axle: n/a; engine: 300hp; trans: auto; Petersen TL-3 Body Model: 2026TBS / TBH / HDX - Frame RBM: 1,500,000; GVWR: 35,000 lb; FRONT: 12 K lb; REAR: 23 K lb; Effective CA: 186"; AF: 76"; Lift Axle: n/a; engine: 300hp; trans: auto; Petersen TL-3 Body Model: 2030TBS / TBH / HDX - Frame RBM: 1,500,000; GVWR: 37,000 lb; FRONT: 14 K lb; REAR: 23 K lb; Effective CA: 186"; AF: 76"; Lift Axle: n/a; engine: 300hp; trans: auto; TL-3 Standup Controls w/ TANDEM AXLE: 2030TBH / HDX - Frame RBM: 1,500,000; GVWR: 52,000 lb; FRONT: 14 K lb; REAR: 40 K lb; Effective CA: 186"; AF: 76"; Lift Axle: n/a; engine: 300+hp; trans: auto; TL-3 Standup Controls w/ TANDEM AXLE: 2234TBH - Frame RBM: 2,500,000; GVWR: 52,000 lb; FRONT: 14 K lb; REAR: 40 K lb; Effective CA: 192"; AF: 120"; Lift Axle: n/a; engine: 300+hp; trans: auto; TL-3 Standup Controls w/ TANDEM AXLE: 2240TBH w/ Tag Axle - Frame RBM: 2,500,000; GVWR: 74,000 lb; FRONT: 14 K lb; REAR: 40 K lb; Effective CA: 192"; AF: 120"; Lift Axle: 13k or 20k; engine: 300+hp; trans: auto; TL-3 Standup Controls w/ TANDEM AXLE: 2240TBH, No Tag Axle - Frame RBM: 2,500,000; GVWR: 64,000 lb; FRONT: 16 K lb; REAR: 46 K lb; Effective CA: 192"; AF: 120"; Lift Axle: none; engine: 300+hp; trans: auto; TL-3 Standup Controls w/ TANDEM AXLE: 2245TBH w/ Tag Axle - Frame RBM: 2,500,000; GVWR: 74,000 lb; FRONT: 14 K lb; REAR: 40 K lb; Effective CA: 192"; AF: 120"; Lift Axle: 20k lift req.; engine: 300+hp; trans: auto

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. CHASSIS

- a. The recommended vehicle for this application has a minimum Gross Vehicle Weight of 33,000 lbs., a cab-to-axle dimension of 168 in, a minimum of 1,500,000 RBM frame rating, a minimum frame thickness of 11/32" and 76 in. of after frame

2. PEDESTAL ASSEMBLY

- a. Must be an open A-frame type to allow flexing under repeated load shocks. Total height not to exceed 7 ft. from mounting plate to top of pedestal/main boom connection point
- b. Swing post to be single piece high strength solid steel (ASTM 4140) turning in (ASTM-D4020-81) cast nylon bearings. Welded spindle/head assembly is to be stress relieved prior to installation
- c. Boom rotation to be accomplished by a direct drive 270 degree planetary gearbox with geroller piston hydraulic motor, with a torque rating of at least 251,064 in. lbs. This enclosed gearbox must be 100% oil bath which eliminates the lubrication labor and the metal-to-metal wear found in open, exposed pinion and bull gear design

3. BOOM CONSTRUCTION

- a. Main boom must be comprised of two ea., 4 in. x 8 in. x 3/8 in. thick high tensile steel tubes connected to each other only at their center line to allow a shock absorbing flexing action of the boom. Main boom must have a minimum of 1,200 PSI down pressure on the main boom for compacting loads
- b. Tip boom to have an extendible/retractable telescopic section controllable from the operator's platform. Must have mechanical stops to prevent cylinder stress
- c. The inner and outer sleeves of the telescopic section must be separated by replaceable cast nylon wear blocks on all sides to prevent metal-to-metal wear. Hydraulic hoses for the telescopic section must be enclosed in steel box for protection. No exposed tip extension hoses shall be permitted

4. LIFTING CAPACITIES

- a. Boom radius is measured from the center of rotation to the center of the bucket
- b. Capacities shown must not exceed 85% of vehicle tipping moment, with machine level and outriggers fully extended. Weight of bucket and/or attachments to boom must be subtracted from lift capacities shown. (Bucket should weigh approximately 1,000 lbs.) - 10 ft. Boom Radius: 7,100 lbs Lift Capacity; 16 ft. Boom Radius: 4,400 lbs Lift Capacity; 20 ft. Boom Radius: 3,200 lbs Lift Capacity;

5. BOOM CONNECTION POINTS

- a. Boom connection points must be equipped with replaceable cast nylon or bronze bushings and a 2 in. bolt with castellated nut to prevent spreading of the connection pivot point

6. TRASH BUCKET

- a. To be a special municipal trash bucket actuated by a single double-acting cylinder. The bucket shall be capable of continuous rotation with no need for physical stops. Bucket rotation to be accomplished by a continuous rotation bucket motor with 5,500 in. lbs. torque rating. Bucket must have the capability to be rolled over on the load without damage to any components. This allows a maximum load and keeps boom height within acceptable limits. Bucket must also have a minimum reach of 9 feet below grade to allow pick up of items over bridges and in ditches. The bucket must incorporate: A 3/16 inch smooth steel clamshell scoop for leaves and sand ; A minimum of 5 ribs per side to handle branches, logs and appliances a trample ram in the center for compressing trash in body
- b. The bucket must be 4 ft. long with an opened width of 5 ft. between pickup blades. These blades must be high impact, tempered steel that form a reverse curve in the closed position to help prevent "scalping" and digging of grass lawns. No hydraulic hoses below bucket rotator will be allowed.

7. POWER SOURCE

- a. To be a transmission mounted power take off coupled directly to the hydraulic pump (no drive shafts)
- b. For vehicles with an automatic transmission, the power source shall be a "Hot Shift" PTO. "Hot Shift" automatically disengages the PTO when the truck is placed in gear, and reengages when the truck is placed back in neutral (ready for hydraulic operation). This eliminates the possibility of damage to the hydraulic components that could result if the operator drives the vehicle with the PTO in gear. Also provides for smooth engagement of PTO with no gnashing or grinding of gears
- c. Must be equipped with overspeed protection (with the exception of a manual transmission). Over-speeding the pump causes the hydraulic fluid to overheat. Overspeed protection prevents damage to engine, hydraulic system, and major system components resulting from over-speeding the engine. All electrical connections are to be chassis manufactures specifications

8. HYDRAULIC COMPONENTS

- a. Reservoir: 40 gallon baffled tank with suction and return filters and cutoff valves for easy servicing. Includes a sight gauge with a thermometer and a vent filter
- b. Cylinders: Double acting with chromed rods and aluminum pistons
- c. Main Boom: 5 in. x 32 in. with a 2 ½ in. shaft
- d. Tip Boom: 5 in. x 32 in. with a 2 ½ in. shaft
- e. Tip Extension: 2 in. x 48 in. with a 1 ¼ in. shaft
- f. Bucket: 4 in. x 12 in. with a 2 in. shaft
- g. Control Valves: Gresen stack type with port reliefs
- h. Safety Locking Valves: Counter balance valves to be installed on boom and outrigger cylinders and check valves on outrigger cylinders to prevent a leakdown or collapse in case of a hydraulic hose rupture
- i. Pump: Single Commercial Intertech P-20
- j. Conductors: Steel tubing and high tensile steel wire braided hoses, 4,000 PSI, 16,000 PSI minimum burst
- k. Pressure: Main relief set at 2,400 PSI maximum

9. ENGINE CONTROL

- a. Engine is to be programmed for the proper RPM level and activated by a heavy duty switch at the operator's station

10. OPERATOR CONTROLS

- a. DUAL CONTROLS: Control platform to be located directly behind cab at the same height as the top of the truck frame to allow operator safe access from the truck cab without ever having to touch the ground. Unit is to have mechanical joysticks. This provides the operator with superior visibility relative to the material being handled. A single bank of control valves to be mounted at the mid-point of loader, with control handles accessible from the operator platform on either side of truck. Control handle pattern must be the same on both sides of the truck. Control handles must be mounted in a fashion so as not to need lubrication. A "Grip Strut" serrated steel walk platform is included

11. OUTRIGGER STABILIZERS

- a. Outriggers to be constructed with hydraulically powered telescoping rectangular tubing to prevent side loading and bending of cylinder shafts
- b. Outriggers to be equipped with large steel pads to minimize damage to street. Outriggers must telescope out and down to reach a horizontal distance of 11 ft. 8 in. between outer edges
- c. Outward stabilizer movement of each stabilizer to be powered by a hydraulic cylinder with a bore of 2 in. and a stroke of 20 in. The housing that accomplishes this outward movement must be separated by cast nylon bushings on all four sides to prevent metal-to-metal wear and to allow a greater area for grease
- d. Downward movement to be powered by two hydraulic cylinders with a bore of 3 in. and a stroke of 22 in
- e. These cylinders must be fully enclosed for protection

12. PAINT

- a. Loader must receive 1 coat of high-grade primer and 2 coats of high-grade enamel orange

13. MISCELLANEOUS

- a. Includes boom up sensor with indicator light and audible alarm (light in cab with audible alarm warns the driver of excessive boom height), tail pipe extended past operator platform and back-up alarm
- b. One safety parts/service manual to be included
- c. One hour training videotape for operators/mechanics must be included
- d. Current model to be bid must have been in production at least fifteen years. No exceptions.
- e. Safety bumper and body prop shall be provided

14. BODY FLOOR

- a. Body floor to be a single sheet of 3/16 inch Hardox HX450 steel plate to resist dents. Floor to be 96 inch wide and 18 ft. long, continuously welded to the sides and headboard. Multiple floor panels welded together are not acceptable. Includes 3/16 inch x 10 inch wide steel reinforcement continuously welded between floor and each body side

15. HEADBOARD

- a. Headboard to be 10 gauge steel, 46-1/2 inch high, continuously welded to the floor and body sides. Top rail to be a formed 3 inch x 5 inch 1/4 inch steel plate

16. SIDES

- a. Sides to be 1/8 inch Hardox HX450 steel sheet to resist dents & reduce side flare out. Front portion to be 46-1/2 inch high by 96" long, angling to 64 inch for remainder of body and rear doors. The two side sheets must be connected with an overlapped joint, a butt joint will not be acceptable. Side construction must incorporate a bend near the base of the side for rigidity. The base of the side must have a 90 degree bend that wraps under the floor sheet. No 90 degree angles on bottom of exterior body sides. Top rail to be a formed 3-1/4 inch x 7 inch 1/8 inch Hardox HX450 steel plate to resist dents & reduce side flare out

17. VERTICAL REINFORCEMENT

- a. Side posts are not acceptable; the intent of this specification is to reduce weight, have a cleaner appearance with a smooth side and to allow the high tensile side material to flex and reduce dents
- b. Rear corner post is to extend below the floor plate and connect to a beam that connects both of the corner posts to add rigidity to the back of the body so the door will not jam when the body is fully loaded

18. CROSS MEMBERS

- a. No cross members on the floor will be acceptable. The intent of this specification is to reduce weight and have a cleaner appearance. The rear corner posts are to incorporate a beam under the floor that connects the base of the two corner posts to add rigidity to the back of the body so the door will not jam when the body is fully loaded

19. LONGITUDINAL BEAMS

- a. Longitudinal beams to be 8 inch structural channel with 1/4 inch plate along the outer length of the beam

20. BARN DOORS

- a. Rear doors to be fitted on the rear of the body with a provision to swing completely around to the side and latch open for dumping
- b. Each must have 3 hinges, with each hinge consisting of 3 steel plates, 2 ea. 5/8 inch plate welded on body, 1 each 3/4 inch plate welded on door, all connected with a 3/4 inch steel pin. A positive lock shall be provided at the top and bottom for locking doors closed
- c. Door skins to be fabricated from 1/8 inch Hardox HX450 steel sheet and must have an all-around outside frame with braces in the center of the door

21. HYDRAULIC HOIST

- a. Hoist to be scissor type, dual cylinder with 23 ton capacity. Telescopic dump hoist not acceptable
- b. Hoist must raise the body to a minimum 45 degree dump angle without the rest of the body touching ground

22. LIGHTS AND REFLECTORS

- a. Lights, reflectors, and mud flaps must meet federal standards. There is to be an additional set of brake, stop and turn lights mounted on the upper rear corner post. Clearance lights are to be grommet mounted and shock resistant. There is also to be a set of amber led flashers in upper rear corner post

23. PAINT

- a. Paint outside of body with 1 coat of high-grade primer and 2 coats of high-grade enamel Black
- b. Inside of body must receive 1 coat of high-grade primer and 1 coat of high-grade enamel Black

24. WARRANTY

- a. One year major structural and one year hydraulic for loader and body



NORTH CAROLINA SHERIFFS' ASSOCIATION

PETERSEN TL-3 KNUCKLEBOOM LOADER AND DUMP BODY - 18FT., 24 CUBIC YD. SPECIFICATION #115

2016 Petersen TL-3 Knuckleboom Loader and Dump Body- 18ft., 24 cubic yd.

The Petersen TL-3 Knuckleboom Loader and Dump Body- 18ft., 24 cubic yd. purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$65,440.00	\$65,440.00	\$65,440.00	\$65,440.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	TL-3 Knucleboom Loader and Dump Body- 18ft., 24 cubic yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$65,440.00	\$65,440.00	\$65,440.00	\$65,440.00

Order Code	Add Options	All Zones
	Tandem pump in lieu of single 18 GPM	NC
	Multi-lever control: 11 lever style (deletes quad stick controls)	(\$2,000.00)
	Stationary Top Mount Controls with Seat. ILO dual walk through	\$4,000.00
	Additional Access Ladder for Top Mount Controls	\$407.00
	Foot Pedal Swing Control	\$396.00
	Joysticks with Top Mount Controls	\$2,730.00
	Grating Heat Shield for Dual Walk-Thru Controls	\$279.00
	Outrigger Pads (Rubber)	\$298.00
	Reflective Tape on Outriggers	\$98.00
	Extended Pedestal (12 inch)	\$495.00
	Swing Lock (required for bodies with 4 ft sides or less)	\$546.00
	Crab can lifting attachment as additional lifting accessory	\$7,789.00
	Big Bite 2 cylinder bucket. ILO standard grapple	\$1,042.00
	Trash Body, 1820 TBS, 18ft., 20 cu.yd. Standard duty ILO Hardox construction <i>price difference to replace 1824HDX body with 1820TBS standard steel body.</i> ¹	(\$3,092.00) ¹
	Trash Body, 1824 TBS, 18ft., 24 cu.yd. Standard duty ILO Hardox construction <i>price difference to replace 1824HDX body with 1824TBS standard steel body.</i> ¹	(\$3,282.00) ¹
	Trash Body, 1828 TBS, 18ft., 28 cu.yd. Standard duty ILO Hardox construction <i>price difference to replace 1824HDX body with 1828TBS standard steel body.</i> ¹	(\$1,492.00) ¹
	Trash Body, 2026 TBS, 20ft., 26 cu.yd. Standard duty ILO Hardox construction <i>price difference to replace 1824HDX body with 2026TBS standard steel body.</i> ¹	(\$2,813.00) ¹
	Trash Body, 2030 TBS, 20ft., 30 cu.yd. Standard duty ILO Hardox construction <i>price difference to replace 1824HDX body with 2030TBS standard steel body.</i> ¹	(\$990.00) ¹
	Trash Body, 1820 TBH, 18ft., 20 cu.yd. Standard duty ILO Hardox construction <i>price difference to replace 1824HDX body with 1820TBH heavy duty steel body.</i> ¹	(\$1,676.00) ¹
	Trash Body, 1824 TBH, 18ft., 24 cu.yd. Standard duty ILO Hardox construction <i>price difference to replace 1824HDX body with 1824TBH heavy duty steel body.</i> ¹	(\$901.00) ¹
	Trash Body, 1828 TBH, 18ft., 28 cu.yd. Standard duty ILO Hardox construction <i>price difference to replace 1824HDX body with 1828TBH heavy duty steel body.</i> ¹	(\$356.00) ¹
	Trash Body, 2026 TBH, 20ft., 26 cu.yd. Standard duty ILO Hardox construction <i>price difference to replace 1824HDX body with 2026TBH heavy duty steel body.</i> ¹	\$80.00 ¹
	Trash Body, 2030 TBH, 20ft., 30 cu.yd. Standard duty ILO Hardox construction <i>price difference to replace 1824HDX body with 2030TBH heavy duty steel body.</i> ¹	\$743.00 ¹
	Trash Body, 1824 HDX, 18ft., 24 cu.yd. Hardox	Std
	Trash Body, 1828 HDX, 18ft., 28 cu.yd. Hardox <i>price difference to replace 1824HDX body with 1828HDX Hardox body.</i> ¹	\$750.00 ¹

VEHICLE:	TL-3 Knuckleboom Loader and Dump Body- 18ft., 24 cubic yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$65,440.00	\$65,440.00	\$65,440.00	\$65,440.00

Trash Body, 2026 HDX, 20ft., 26 cu.yd. Hardox <i>price difference to replace 1824HDX body with 2026HDX Hardox body. 1</i>	\$300.00 ¹
Trash Body, 2030 HDX, 20ft., 30 cu.yd. Hardox <i>price difference to replace 1824HDX body with 2030HDX Hardox body. 1</i>	\$1,050.00 ¹
Trash Body, 2236 XDX, 22ft 36 yd. 3/16" Hardox floors and sides <i>price difference to replace 1824HDX body with 2236XDX Heavy Duty Hardox body. 1</i>	\$10,743.00 ¹
Trash Body, 2240 XDX, 22ft 40 yd. 3/16" Hardox floors and sides <i>price difference to replace 1824HDX body with 2240XDX Heavy Duty Hardox body. 1</i>	\$10,951.00 ¹
Trash Body, 2245 XDX, 22ft 45 yd. 3/16" Hardox floors and sides <i>price difference to replace 1824HDX body with 2245XDX Heavy Duty Hardox body. 1</i>	\$11,376.00 ¹
1/4 Inch Floor Plate (upgrade for TBS body)	\$395.00
1/4" Hardox Floor Upgrade	\$452.00
Continuous Welds for Side Stakes	\$790.00
Reinforcement Plates Continuously Welded (upgrade for TBS)	\$393.00
Body Ladder (Outside)	\$310.00
PI Self-Winding Load Covering Device	\$953.00
Manual Goal Post Type Load Covering Device	\$1,602.00
Electric Goal Post Covering Device	\$1,769.00
Hand Loading Doors, 1 each	\$632.00
Tool Box, Truck Frame Mounted Under Body, 18x18x48	\$559.00
Tool Box, Inside Body, Locking Door Ea. Side	\$1,153.00
Body Dump Alarm	\$438.00
Steel Mud Flaps in Front of Rear Wheels	\$289.00
Tarp Tie Down Rods	\$376.00
Wire Conduit (Steel)	\$191.00
Top Rail Protection	\$610.00
Single rear door (replaces double barn doors)	\$950.00
DOT Slow Moving Vehicle Sign, 1 ea.	\$55.00
See Thru Windows in Headboard 20" X 8"	\$225.00
TV-550 Rear Camera mounted in tail light	\$1,470.00
Front Mount Pump w/Overspeed Control	\$1,967.00
Steel Cover for Front Mount Pump	\$294.00
Double Wire Braided Hoses	\$412.00
Hose Guards (Head and Valve Bank) (not for top mount controls)	\$260.00
Fire Extinguisher, 5 lb.	\$161.00
Fire Extinguisher, 10 lb.	\$199.00
Triangle Flare Kit	\$40.00
Add After Frame	\$760.00

VEHICLE:	TL-3 Knuckleboom Loader and Dump Body- 18ft., 24 cubic yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$65,440.00	\$65,440.00	\$65,440.00	\$65,440.00

Add Grab Handle, ea. Side	\$130.00
Additional Owner's Manuals	\$45.00
Polyurathane Hose Sleeves	\$518.00
Outrigger Warning Light with Audible Alarm	\$613.00
Outrigger Interlock (Prevents boom movement w/outriggers up)	\$1,101.00
Heavy Duty; High Intensity LED Outrigger Strobes	\$459.00
Dual LED Strobes, Mounted on Head	\$373.00
Single Strobe, Mounted on Rear of Body	\$410.00
Brush Guard for Single Rear Strobe	\$68.00
Newport News Style Rear Strobe	\$715.00
LED Flashers in Rear Corner Body Post	Incl.
Work Lights - (Set of 2) (1 ea side of boom)	\$330.00
Work Lights- (Set of 2) (Curbside under body)	\$330.00
Work Lights- (Set of 2) (Streetside under body)	\$330.00
SA-901 back-up alarm	\$168.00
Undercoat Underside of Trash Body	\$595.00
Loader and Body PI Orange	\$185.00
Add, Loader & Body Same Color (PI Color not black or orange) <i>Contact Petersen Rep for list of standard PI colors.</i> ¹	\$256.00 ¹
Add, Loader & Body Different Colors (& not PI Orange or Black) (PI colors only) <i>Contact Petersen Rep for list of standard PI colors.</i> ¹	\$418.00 ¹
Add for Acrilyc or Urethane Color Coats <i>Non-standard option: Consult Petersen rep for special colors and pricing.</i> ¹	NA ¹
Certain coatings will require an additional charge <i>Non-Standard option: Consult Petersen rep for special colors</i> ¹	NA ¹
Other paint options available on request <i>Non-standard option: Consult Petersen rep for special colors</i> ¹	NA ¹
1 Additional year Hydraulic Warranty (total of 2 years)	\$1,500.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>RUDCO ROLL-OFF HOIST - 60,000 LB CAPACITY (Specification #116)</u>			
Amick Equipment Co., Inc.	2016 Rudco Roll-off Hoist - 60,000 lb capacity	★Appalachia	\$30,620.00
Amick Equipment Co., Inc.	2016 Rudco Roll-off Hoist - 60,000 lb capacity	★Dogwood	\$30,620.00
Amick Equipment Co., Inc.	2016 Rudco Roll-off Hoist - 60,000 lb capacity	★Cardinal	\$30,620.00
Amick Equipment Co., Inc.	2016 Rudco Roll-off Hoist - 60,000 lb capacity	★Longleaf Pine	\$30,620.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

RUDCO ROLL-OFF HOIST - 60,000 LB CAPACITY SPECIFICATION #116

2016 Rudco Roll-off Hoist - 60,000 lb capacity

chassis specifications: 14,000 lbs Front axle/suspension Minimum - preferably 16,000 - 20,000lbs; 40,000 lbs Rear axles/suspension Minimum - preferably 44,000-46,000lbs.; 54,000 lbs GVWR Minimum -preferably 60,000-66,000 lbs.; Double Frame rails (C-channel inside of C channel) - Min. 1,500,000 RBM rating; Transmission - Make sure transmission has PTO provisions; CAB TO AXLE (aka CA or CT) - Use Clear "Effective" CA ** - Standard 22ft Hoists (No Tarper: 176" -182"; Tarper: 186" - 192"); 24ft Hoists:(No Tarper: 200 - 206"; Tarper: 210 - 216"); **Clear CA (a.k.a. CT) - Measure from clear back of cab to the center of the tandem axles.- By clear I mean if any equipment (i.e. exhaust, etc.) is behind cab start measuring from behind that point.Must have clear frame starting 24" BOC to tandems. Contact body vendor for drawings of chassis layout. TRI-AXLE MOUNT (aka "Reverse Mount") - Allows room for install of some lift axles. Tandem Axle Mount (aka "Standard Mount") - Does NOT allow room for lift axle.

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. MISCELLANEOUS

- a. Compatible with container lengths 12' - 22'
- b. Hoist Length - 276"
- c. Single stage cylinders 7" Bore - Reverse Mounted
- d. Interchangeable Lift & Winch Cylinders
- e. 10 rollers, 5/side with bronze greaseable bushings
- f. 10" Diameter cable sheaves w/ Al-Bronze Bushings
- g. Rear Hinge and Cylinder Mount Plates - 1/2" Steel Plate
- h. 2.5" Rear Hinge Pin w/ 1 1/4" Support Plates
 - i. Main Tube Frame is 1/2" wall x 8" x 4"
 - j. Sub Frame 4" X 3" X 1/4" TUBE
- k. Cable - 7/8" X 79' rated at 79,600 LBS
 - l. Cast Alloy Steel Universal Cable Hook Standard
- m. Rear Angle Guide
- n. Two Ratchet Strap Hold Downs
- o. 52 Degree Dump Angle
- p. Positive Container Locks & Ratchet Straps
- q. Outside Rail Configuration
- r. HD Folding ICC Bumper
- s. HD Lighting Bumper - Grommet mounted, sealed lighting.
- t. HD Lighting Bumper - Grommet mounted, sealed lighting.

- u. Hydraulic Tank - 50 gal., Suction Filter, Shut-off Valve, Sight & Temp Gauge
- v. Hot Shift PTO Air operated w/light, pump mounted direct PTO (marriage) For Automatic Transmission
- w. Steel Fenders - 7ga Diamondplate
- x. DOT Sealed Grommet Mounted Lighting Package
- y. Includes installation, Painted Black

2. HEAVY DUTY PACKAGE

- a. Winch Cylinder Rod Protective Covers - 3/8" Thick
- b. 1/4" x 3" Wear Strips on Rails
- c. HD Roller Brackets supporting both sides of roller
- d. 3 x 5 x 1/2 Angle between last 2 rollers. Additional 1/4" reinforcement"

3. WARRANTY

- a. 1 year parts and service
- b. Includes On Site Mobile Warranty Package



NORTH CAROLINA SHERIFFS' ASSOCIATION

RUDCO ROLL-OFF HOIST - 60,000 LB CAPACITY SPECIFICATION #116

2016 Rudco Roll-off Hoist - 60,000 lb capacity

The Rudco Roll-off Hoist - 60,000 lb capacity purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$30,620.00	\$30,620.00	\$30,620.00	\$30,620.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Roll-off Hoist - 60,000 lb capacity			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$30,620.00	\$30,620.00	\$30,620.00	\$30,620.00

Order Code	Add Options	All Zones
A-2060 ¹	Hoist to 75,000 lbs. Capacity - Includes 7" Lift / Witch Cylinders	\$390.00 ¹
A-2179 ¹	Hoist to 24 ft. Model - Compatible with longer 24 ft. length containers	\$2,650.00 ¹
A-2113 ¹	Fenders to Tri-axle - 7ga Diamondplate <i>Upcharge over cost of tandem axle 7ga diamondplate</i> ¹	\$320.00 ¹
A-2156 ¹	Tandem	\$790.00 ¹
A-2159-01 ¹	Tri-axle <i>Half Lift Axle Fender for Standard Lift Axle</i> ¹	\$1,105.00 ¹
A-2197 ¹	LED Lighting Package, except for backup	\$270.00 ¹
P35-039 ¹	Work Lights (Specify Location)	\$430.00 ¹
A-2177 ¹	Add on for 60,000# <i>Required on all cabover chassis. Required for some lift axle applications that don't have enough room for lift axle using standard tri-axle mount single stage lift cylinders. Consult with Rudco Rep and truck dealer to coordinate chassis WB, lift axle model, etc.</i> ¹	\$1,735.00 ¹
A-2178 ¹	Add on for 75,000# <i>Required on all cabover chassis. Required for some lift axle applications that don't have enough room for lift axle using standard tri-axle mount single stage lift cylinders. Consult with Rudco Rep and truck dealer to coordinate chassis WB, lift axle model, etc.</i> ¹	\$1,245.00 ¹
A-2185 ¹	For manual or automated (not automatic) transmissions. Instead of Hot Shift	(\$755.00) ¹
A-2165 ¹	18" x 18" x 36" <i>Aluminum.</i> ¹	\$735.00 ¹
A-2166 ¹	18" x 18" x 48" <i>Aluminum. Confirm frame allowance for toolbox, especially when lift axle involved.</i> ¹	\$810.00 ¹
SCO13 ¹	13k Steerable - Includes Steel Wheels, Tires, Telescopic Lift Cylinder Upgrade & Tri-Axle Fender <i>Hendrickson SCO13, Installed locally. Model subject to change - confirm upon ordering.</i> ¹	\$8,350.00 ¹
A2188 ¹	20k Rigid - Includes Wheels, Tires & Tri-Axle Fender <i>Hendrickson 20k. Model subject to change - Confirm upon ordering.</i> ¹	\$7,410.00 ¹
A-2190 ¹	Pintle Hook (45 ton)- Includes air glad hands & 7 way electrical connection at rear with split light bumper. Does not include hydraulics for trailer. <i>Wet kit available also. Contact your Rudco rep for pricing and details.</i> ¹	\$1,855.00 ¹
P19-274 ¹	RP4500RG-SA (Rack n Pinion Strong Arm Rollmaster Gantry)Includes factory installation of Pioneer Tarper <i>Order P19-274 & A-2103.</i> ¹	\$10,440.00 ¹
P19-155 ¹	Hydraulic Telescopic Tower, HD Electric Spool Motor, with keychain remote controls, Fixed pivot arm springs, factory installed with two (2) work lights <i>Roll-Rite DC400 Model. Order P19-155 and A-2100.</i> ¹	\$7,275.00 ¹
RR-DC-350 ¹	Hydraulic Telescopic Tower, HD Electric Spool Motor, with keychain remote controls, adjustable sliding tarp arm pivots allow on the fly adjustment of arm length, factory installed with two (2) work lights <i>Order RR-DC-350 and A-2103</i> ¹	\$9,720.00 ¹

VEHICLE:	Roll-off Hoist - 60,000 lb capacity			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$30,620.00	\$30,620.00	\$30,620.00	\$30,620.00

P19-213 ¹	Armless manual pull type tarper with spring loaded roller and hydraulic tarp tower. <i>Order P19-213 and A-2104¹</i>	\$6,715.00 ¹
A-2193 ¹	Window Guard	\$620.00 ¹
A-2153 ¹	Toolbox - 18x18x36" Steel Black	\$585.00 ¹
A-2164 ¹	Inside Cab Air Controls <i>Operate hoist from inside cab.</i> ¹	\$890.00 ¹
A-2183 ¹	10" Main Frame upcharge (No Sub-Frame)	\$1,120.00 ¹
A-ExtTail ¹	Extendable Tail Option	\$2,440.00 ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>SWAPLOADER 200 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL220 (Specification #117)</u>			
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL220	★Appalachia	\$35,500.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL220	★Dogwood	\$35,500.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL220	★Cardinal	\$35,500.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL220	★Longleaf Pine	\$35,500.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

SWAPLOADER 200 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL220 SPECIFICATION #117

2016 Swaploader Double Pivot Hook Lift Hoist Model SL220

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **BASE BODY**

- a. Double pivot design
- b. Slide through body locks
- c. Dual lift cylinders
- d. Single jib cylinders
- e. Huckbolt fasteners for chassis mounting



NORTH CAROLINA SHERIFFS' ASSOCIATION

SWAPLOADER 200 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL220 SPECIFICATION #117

2016 Swaploader Double Pivot Hook Lift Hoist Model SL220

The Swaploader Double Pivot Hook Lift Hoist Model SL220 purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$35,500.00	\$35,500.00	\$35,500.00	\$35,500.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Double Pivot Hook Lift Hoist Model SL220			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$35,500.00	\$35,500.00	\$35,500.00	\$35,500.00

Order Code	Add Options	All Zones
	Mounting	Incl.
	Direct mount gear pump with PTO and overspeed control	Incl.
	LED body lights	Incl.
	Rear ICC bumper/light bar with recessed grommet mounted LED bulbs	Incl.
	Inside cable controls	Incl.
	Single axle steel fenders	Incl.
	Urethane enamel finish coat of paint	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>SWAPLOADER 200 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL222 (Specification #118)</u>			
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL222	★Appalachia	\$35,500.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL222	★Dogwood	\$35,500.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL222	★Cardinal	\$35,500.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL222	★Longleaf Pine	\$35,500.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

SWAPLOADER 200 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL **SL222** **SPECIFICATION #118**

2016 Swaploader Double Pivot Hook Lift Hoist Model SL222

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **BASE BODY**

- a. Double pivot design
- b. Slide through body locks
- c. Dual lift cylinders
- d. Single jib cylinders
- e. Huckbolt fasteners for chassis mounting



NORTH CAROLINA SHERIFFS' ASSOCIATION

SWAPLOADER 200 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL222 SPECIFICATION #118

2016 Swaploader Double Pivot Hook Lift Hoist Model SL222

The Swaploader Double Pivot Hook Lift Hoist Model SL222 purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$35,500.00	\$35,500.00	\$35,500.00	\$35,500.00

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Double Pivot Hook Lift Hoist Model SL222			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$35,500.00	\$35,500.00	\$35,500.00	\$35,500.00

Order Code	Add Options	All Zones
	Mounting	Incl.
	Direct mount gear pump with PTO and overspeed control	Incl.
	LED body lights	Incl.
	Rear ICC bumper/light bar with recessed grommet mounted LED bulbs	Incl.
	Inside cable controls	Incl.
	Single axle steel fenders	Incl.
	Urethane enamel finish coat of paint	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>SWAPLOADER 200 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL240 (Specification #119)</u>			
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL240	★Appalachia	\$35,550.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL240	★Dogwood	\$35,550.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL240	★Cardinal	\$35,550.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL240	★Longleaf Pine	\$35,550.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

SWAPLOADER 200 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL240 SPECIFICATION #119

2016 Swaploader Double Pivot Hook Lift Hoist Model SL240

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **BASE BODY**

- a. Double pivot design
- b. Slide through body locks
- c. Dual lift cylinders
- d. Single jib cylinders
- e. Huckbolt fasteners for chassis mounting



NORTH CAROLINA SHERIFFS' ASSOCIATION

SWAPLOADER 200 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL240 SPECIFICATION #119

2016 Swaploader Double Pivot Hook Lift Hoist Model SL240

The Swaploader Double Pivot Hook Lift Hoist Model SL240 purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$35,550.00	\$35,550.00	\$35,550.00	\$35,550.00

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Double Pivot Hook Lift Hoist Model SL240			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$35,550.00	\$35,550.00	\$35,550.00	\$35,550.00

Order Code	Add Options	All Zones
	Mounting	Incl.
	Direct mount gear pump with PTO and overspeed control	Incl.
	LED body lights	Incl.
	Rear ICC bumper/light bar with recessed grommet mounted LED bulbs	Incl.
	Inside cable controls	Incl.
	Single axle steel fenders	Incl.
	Urethane enamel finish coat of paint	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>SWAPLOADER 200 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL248 (Specification #120)</u>			
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL248	★Appalachia	\$34,400.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL248	★Dogwood	\$34,400.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL248	★Cardinal	\$34,400.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL248	★Longleaf Pine	\$34,400.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

SWAPLOADER 200 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL248 **SPECIFICATION #120**

2016 Swaploader Double Pivot Hook Lift Hoist Model SL248

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **BASE BODY**

- a. Double pivot design
- b. Slide through body locks
- c. Dual lift cylinders
- d. Single jib cylinders
- e. Huckbolt fasteners for chassis mounting



NORTH CAROLINA SHERIFFS' ASSOCIATION

SWAPLOADER 200 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL248 SPECIFICATION #120

2016 Swaploader Double Pivot Hook Lift Hoist Model SL248

The Swaploader Double Pivot Hook Lift Hoist Model SL248 purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$34,400.00	\$34,400.00	\$34,400.00	\$34,400.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Double Pivot Hook Lift Hoist Model SL248			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$34,400.00	\$34,400.00	\$34,400.00	\$34,400.00

Order Code	Add Options	All Zones
	Mounting	Incl.
	Direct mount gear pump with PTO and overspeed control	Incl.
	LED body lights	Incl.
	Rear ICC bumper/light bar with recessed grommet mounted LED bulbs	Incl.
	Inside cable controls	Incl.
	Single axle steel fenders	Incl.
	Urethane enamel finish coat of paint	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>SWAPLOADER 400 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL330 (Specification #121)</u>			
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL330	★Appalachia	\$38,800.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL330	★Dogwood	\$38,800.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL330	★Cardinal	\$38,800.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL330	★Longleaf Pine	\$38,800.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

SWAPLOADER 400 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL330 SPECIFICATION #121

2016 Swaploader Double Pivot Hook Lift Hoist Model SL330

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **BASE BODY**

- a. Double pivot design
- b. Slide through body locks
- c. Dual lift cylinders
- d. Single jib cylinders
- e. Huckbolt fasteners for chassis mounting
- f. Hydraulic tank and filter



NORTH CAROLINA SHERIFFS' ASSOCIATION

SWAPLOADER 400 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL330 SPECIFICATION #121

2016 Swaploader Double Pivot Hook Lift Hoist Model SL330

The Swaploader Double Pivot Hook Lift Hoist Model SL330 purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$38,800.00	\$38,800.00	\$38,800.00	\$38,800.00

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Double Pivot Hook Lift Hoist Model SL330			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$38,800.00	\$38,800.00	\$38,800.00	\$38,800.00

Order Code	Add Options	All Zones
	Mounting	Incl.
	Direct mount gear pump with PTO and overspeed control	Incl.
	LED body lights	Incl.
	Rear ICC bumper/light bar with recessed grommet mounted LED bulbs	Incl.
	Inside cable controls	Incl.
	Tandem steel fenders	Incl.
	Urethane enamel finish coat of paint	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>SWAPLOADER 400 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL400 (Specification #122)</u>			
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL400	★Appalachia	\$39,950.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL400	★Dogwood	\$39,950.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL400	★Cardinal	\$39,950.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL400	★Longleaf Pine	\$39,950.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

SWAPLOADER 400 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL400 SPECIFICATION #122

2016 Swaploader Double Pivot Hook Lift Hoist Model SL400

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **BASE BODY**

- a. Double pivot design
- b. Slide through body locks
- c. Dual lift cylinders
- d. Single jib cylinders
- e. Huckbolt fasteners for chassis mounting
- f. Hydraulic tank and filter



NORTH CAROLINA SHERIFFS' ASSOCIATION

SWAPLOADER 400 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL400 SPECIFICATION #122

2016 Swaploader Double Pivot Hook Lift Hoist Model SL400

The Swaploader Double Pivot Hook Lift Hoist Model SL400 purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$39,950.00	\$39,950.00	\$39,950.00	\$39,950.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Double Pivot Hook Lift Hoist Model SL400			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$39,950.00	\$39,950.00	\$39,950.00	\$39,950.00

Order Code	Add Options	All Zones
	Mounting	Incl.
	Direct mount gear pump with PTO and overspeed control	Incl.
	LED body lights	Incl.
	Rear ICC bumper/light bar with recessed grommet mounted LED bulbs	Incl.
	Inside cable controls	Incl.
	Tandem steel fenders	Incl.
	Urethane enamel finish coat of paint	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>SWAPLOADER 400 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL406 (Specification #123)</u>			
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL406	★Appalachia	\$42,100.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL406	★Dogwood	\$42,100.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL406	★Cardinal	\$42,100.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL406	★Longleaf Pine	\$42,100.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

SWAPLOADER 400 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL406 SPECIFICATION #123

2016 Swaploader Double Pivot Hook Lift Hoist Model SL406

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **BASE BODY**

- a. Double pivot design
- b. Slide through body locks
- c. Dual lift cylinders
- d. Single jib cylinders
- e. Huckbolt fasteners for chassis mounting
- f. Hydraulic tank and filter



NORTH CAROLINA SHERIFFS' ASSOCIATION

SWAPLOADER 400 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL406 SPECIFICATION #123

2016 Swaploader Double Pivot Hook Lift Hoist Model SL406

The Swaploader Double Pivot Hook Lift Hoist Model SL406 purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$42,100.00	\$42,100.00	\$42,100.00	\$42,100.00

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Double Pivot Hook Lift Hoist Model SL406			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$42,100.00	\$42,100.00	\$42,100.00	\$42,100.00

Order Code	Add Options	All Zones
	Mounting	Incl.
	Direct mount gear pump with PTO and overspeed control	Incl.
	LED body lights	Incl.
	Rear ICC bumper/light bar with recessed grommet mounted LED bulbs	Incl.
	Inside cable controls	Incl.
	Tandem steel fenders	Incl.
	Urethane enamel finish coat of paint	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>SWAPLOADER 400 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL505 (Specification #124)</u>			
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL505	★Appalachia	\$46,850.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL505	★Dogwood	\$46,850.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL505	★Cardinal	\$46,850.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL505	★Longleaf Pine	\$46,850.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

SWAPLOADER 400 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL505 SPECIFICATION #124

2016 Swaploader Double Pivot Hook Lift Hoist Model SL505

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **BASE BODY**

- a. Double pivot design
- b. Slide through body locks
- c. Dual lift cylinders
- d. Single jib cylinders
- e. Huckbolt fasteners for chassis mounting
- f. Hydraulic tank and filter



NORTH CAROLINA SHERIFFS' ASSOCIATION

SWAPLOADER 400 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL505 SPECIFICATION #124

2016 Swaploader Double Pivot Hook Lift Hoist Model SL505

The Swaploader Double Pivot Hook Lift Hoist Model SL505 purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$46,850.00	\$46,850.00	\$46,850.00	\$46,850.00

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Double Pivot Hook Lift Hoist Model SL505			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$46,850.00	\$46,850.00	\$46,850.00	\$46,850.00

Order Code	Add Options	All Zones
	Mounting	Incl.
	Direct mount gear pump with PTO and overspeed control	Incl.
	LED body lights	Incl.
	Rear ICC bumper/light bar with recessed grommet mounted LED bulbs	Incl.
	Inside cable controls	Incl.
	Tandem steel fenders	Incl.
	Urethane enamel finish coat of paint	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>SWAPLOADER 400 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL412 (Specification #125)</u>			
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL412	★Appalachia	\$40,300.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL412	★Dogwood	\$40,300.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL412	★Cardinal	\$40,300.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL412	★Longleaf Pine	\$40,300.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

SWAPLOADER 400 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL412 SPECIFICATION #125

2016 Swaploader Double Pivot Hook Lift Hoist Model SL412

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **BASE BODY**

- a. Double pivot design
- b. Slide through body locks
- c. Dual lift cylinders
- d. Single jib cylinders
- e. Huckbolt fasteners for chassis mounting
- f. Hydraulic tank and filter



NORTH CAROLINA SHERIFFS' ASSOCIATION

SWAPLOADER 400 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL412 SPECIFICATION #125

2016 Swaploader Double Pivot Hook Lift Hoist Model SL412

The Swaploader Double Pivot Hook Lift Hoist Model SL412 purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$40,300.00	\$40,300.00	\$40,300.00	\$40,300.00

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Double Pivot Hook Lift Hoist Model SL412			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$40,300.00	\$40,300.00	\$40,300.00	\$40,300.00

Order Code	Add Options	All Zones
	Mounting	Incl.
	Direct mount gear pump with PTO and overspeed control	Incl.
	LED body lights	Incl.
	Rear ICC bumper/light bar with recessed grommet mounted LED bulbs	Incl.
	Inside cable controls	Incl.
	Tandem steel fenders	Incl.
	Urethane enamel finish coat of paint	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>SWAPLOADER 400 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL545 (Specification #126)</u>			
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL545	★Appalachia	\$46,250.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL545	★Dogwood	\$46,250.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL545	★Cardinal	\$46,250.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL545	★Longleaf Pine	\$46,250.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

SWAPLOADER 400 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL545 SPECIFICATION #126

2016 Swaploader Double Pivot Hook Lift Hoist Model SL545

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **BASE BODY**

- a. Double pivot design
- b. Slide through body locks
- c. Dual lift cylinders
- d. Single jib cylinders
- e. Huckbolt fasteners for chassis mounting
- f. Hydraulic tank and filter



NORTH CAROLINA SHERIFFS' ASSOCIATION

SWAPLOADER 400 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL545 SPECIFICATION #126

2016 Swaploader Double Pivot Hook Lift Hoist Model SL545

The Swaploader Double Pivot Hook Lift Hoist Model SL545 purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$46,250.00	\$46,250.00	\$46,250.00	\$46,250.00

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NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Double Pivot Hook Lift Hoist Model SL545			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$46,250.00	\$46,250.00	\$46,250.00	\$46,250.00

Order Code	Add Options	All Zones
	Mounting	Incl.
	Direct mount gear pump with PTO and overspeed control	Incl.
	LED body lights	Incl.
	Rear ICC bumper/light bar with recessed grommet mounted LED bulbs	Incl.
	Inside cable controls	Incl.
	Tandem steel fenders	Incl.
	Urethane enamel finish coat of paint	Incl.
	Incoming freight and service	Incl.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>SWAPLOADER 400 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL650 (Specification #127)</u>			
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL650	★Appalachia	\$50,100.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL650	★Dogwood	\$50,100.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL650	★Cardinal	\$50,100.00
Carolina Environmental Systems	2016 Swaploader Double Pivot Hook Lift Hoist Model SL650	★Longleaf Pine	\$50,100.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

SWAPLOADER 400 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL650 SPECIFICATION #127

2016 Swaploader Double Pivot Hook Lift Hoist Model SL650

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. **BASE BODY**

- a. Double pivot design
- b. Slide through body locks
- c. Dual lift cylinders
- d. Single jib cylinders
- e. Huckbolt fasteners for chassis mounting
- f. Hydraulic tank and filter



NORTH CAROLINA SHERIFFS' ASSOCIATION

SWAPLOADER 400 SERIES DOUBLE PIVOT HOOK LIFT HOIST MODEL SL650 SPECIFICATION #127

2016 Swaploader Double Pivot Hook Lift Hoist Model SL650

The Swaploader Double Pivot Hook Lift Hoist Model SL650 purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$50,100.00	\$50,100.00	\$50,100.00	\$50,100.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Double Pivot Hook Lift Hoist Model SL650			
DEALER:	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems	Carolina Environmental Systems
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$50,100.00	\$50,100.00	\$50,100.00	\$50,100.00

Order Code	Add Options	All Zones
	Mounting	Incl.
	Direct mount gear pump with PTO and overspeed control	Incl.
	LED body lights	Incl.
	Rear ICC bumper/light bar with recessed grommet mounted LED bulbs	Incl.
	Inside cable controls	Incl.
	Tandem steel fenders	Incl.
	Urethane enamel finish coat of paint	Incl.
	Incoming freight and service	Incl.