



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>125KW STANDBY GENERATOR (Specification #01)</u>			
ATLANTIC POWER SOLUTIONS	2018 AKSA APD-ULJ125	★Appalachia	\$27,923.00
ATLANTIC POWER SOLUTIONS	2018 AKSA APD-ULJ125	★Dogwood	\$27,923.00
ATLANTIC POWER SOLUTIONS	2018 AKSA APD-ULJ125	★Cardinal	\$27,923.00
ATLANTIC POWER SOLUTIONS	2018 AKSA APD-ULJ125	★Longleaf Pine	\$27,923.00
Gregory Poole Equipment Company	2018 Caterpillar D125-8	Appalachia	\$34,530.00
Gregory Poole Equipment Company	2018 Caterpillar D125-8	Dogwood	\$34,530.00
Gregory Poole Equipment Company	2018 Caterpillar D125-8	Cardinal	\$34,530.00
Gregory Poole Equipment Company	2018 Caterpillar D125-8	Longleaf Pine	\$34,530.00
	2018 Doosan G150 WCU-3A-T4F	Appalachia	-- NB --
	2018 Doosan G150 WCU-3A-T4F	Dogwood	-- NB --
	2018 Doosan G150 WCU-3A-T4F	Cardinal	-- NB --
	2018 Doosan G150 WCU-3A-T4F	Longleaf Pine	-- NB --
National Power Corp	2018 Generac SD130	Appalachia	\$34,044.00
National Power Corp	2018 Generac SD130	Dogwood	\$34,044.00
National Power Corp	2018 Generac SD130	Cardinal	\$34,044.00
National Power Corp	2018 Generac SD130	Longleaf Pine	\$34,044.00
	2018 HIPOWER HJW130 T6U	Appalachia	-- NB --
	2018 HIPOWER HJW130 T6U	Dogwood	-- NB --
	2018 HIPOWER HJW130 T6U	Cardinal	-- NB --
	2018 HIPOWER HJW130 T6U	Longleaf Pine	-- NB --
Tradewinds Power Corp	2018 Tradewinds TP125	Appalachia	\$42,544.00
Tradewinds Power Corp	2018 Tradewinds TP125	Dogwood	\$42,544.00
Tradewinds Power Corp	2018 Tradewinds TP125	Cardinal	\$42,544.00
Tradewinds Power Corp	2018 Tradewinds TP125	Longleaf Pine	\$42,544.00
	2018 Wacker G150	Appalachia	-- NB --

2018 Wacker G150

2018 Wacker G150

2018 Wacker G150

Dogwood

Cardinal

Longleaf Pine

-- NB --

-- NB --

-- NB --



NORTH CAROLINA SHERIFFS' ASSOCIATION

125KW STANDBY GENERATOR SPECIFICATION #1

2018 AKSA APD-ULJ125
2018 Caterpillar D125-8
2018 Doosan G150 WCU-3A-T4F
2018 Generac SD130
2018 HIPOWER HJW130 T6U
2018 Tradewinds TP125
2018 Wacker G150

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. GENERATOR REQUIREMENTS

- a. Unit shall be in compliance with and be UL 2200 labeled
- b. Generator shall meet performance class G3 of IEC
- c. Directly connected to the engine flywheel housing with flex coupling
- d. 3 phase, 60 hertz, 1800 rpm
- e. 480 volts
- f. Standby duty rated at 125.0 kW, 156.3 KVA, 8 power factor

2. ENGINE

- a. Coolant heater, 1PH, 120VAC
- b. Emission certified engine
- c. Water cooled diesel engine, sized for generator set

3. CONTROLS

- a. NFPA 110 compliant
- b. Controls shall provide all operating, monitoring and control functions for generator set
- c. Solid state, microprocessor based generator controls

4. ENCLOSURE/SILENCER

- a. Flexible stainless steel exhaust
- b. Companion flanges
- c. Critical grade silencer
- d. Complete diesel engine generator set including control panel, engine starting batteries and fuel oil tank shall be enclosed in a factory assembled water protective, sound attenuated enclosure.

5. FUEL TANK

- a. Must meet UL 142
- b. Fuel tank rupture alarm contact
- c. Low fuel level alarm contact
- d. Mechanical fuel level gauge
- e. Locking fuel caps
- f. Rupture basin with 110% capacity
- g. 24 hour capacity at 100% at full load

h. Double wall sub-base tank integral to enclosure

6. BATTERY CHARGER

- a. Industrial grade LED acid battery
- b. Charger shall be mounted on genset package
- c. Charger shall be dual charge rate with automatic switching to boost rate when required
- d. Current limiting 10 Amp, 120 VAC battery charger to automatically singular charge battery

7. START UP AND TESTING

- a. Vendor must coordinate all start up and testing activities with the engineer and owner. After installation is completed by others and normal power is available, the vendor must perform a one (1) day start-up including the use of building load. The start-up technician will instruct all necessary personnel how to operate and maintain the equipment in accordance to the manufacturer's requirements.
- b. During the start-up, the technician shall record the following information and provide to the owner for his record. Record Operating Voltage, Hz, Ph, and connected load (Amperage)
- c. Package information consisting of Make of generator, Model (TJ125 TP20, DP125, etc.), Serial number of complete package, and Start-up date.
- d. Record engine and generator serial numbers
- e. Fuel is by others

8. CONDITIONS

- a. In addition to equipment specified, each generator shall be equipped with all standard equipment as specified by the manufacture for this model and shall include but not be limited to the following necessary items:
- b. Initial filling of oil and antifreeze
- c. One complete set of operation and maintenance manuals
- d. Two (2) year or 1500 hour standard standby generator warranty. Labor, materials, and travel for the warranty period repair will be paid by manufacturer during normal business hours.

9. DELIVERY

- a. Net cost includes delivery of equipment to governmental site location
- b. Coordination and offloading of the equipment at the governmental site location will be the responsibility of the purchasing agency.

10. WARRANTY

- a. Does not begin until Authorized Dealer hooks generator up.



NORTH CAROLINA SHERIFFS' ASSOCIATION

125KW STANDBY GENERATOR SPECIFICATION #1

2018 AKSA APD-ULJ125

The AKSA APD-ULJ125 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:	\$27,923.00	\$27,923.00	\$27,923.00	\$27,923.00

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:	APD-ULJ125			
DEALER:	ATLANTIC POWER SOLUTIONS	ATLANTIC POWER SOLUTIONS	ATLANTIC POWER SOLUTIONS	ATLANTIC POWER SOLUTIONS
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$27,923.00	\$27,923.00	\$27,923.00	\$27,923.00

Order Code	Delete Options	All Zones
APD-ULP20 ¹	Downgrade generator package - 20KW Downgrade	(\$12,191.00) ¹
APD-ULJ30 ¹	Downgrade generator package - 30KW Downgrade	(\$10,256.00) ¹
APD-ULJ40 ¹	Downgrade generator package - 40KW Downgrade	(\$9,279.00) ¹
APD-ULJ55 ¹	Downgrade generator package - 50KW Downgrade	(\$6,020.00) ¹
APD-ULJ65 ¹	Downgrade generator package - 60KW Downgrade	(\$5,728.00) ¹
APD-ULJ80 ¹	Downgrade generator package - 80KW Downgrade	(\$4,070.00) ¹
APD-ULJ100 ¹	Downgrade generator package - 100KW Downgrade	(\$3,678.00) ¹
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
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	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
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Order Code	Add Options	All Zones
APD-ULJ150 ¹	Upgrade generator package to 150KW	\$2,569.00 ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

125KW STANDBY GENERATOR SPECIFICATION #1

2018 Caterpillar D125-8

The Caterpillar D125-8 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:	\$34,530.00	\$34,530.00	\$34,530.00	\$34,530.00

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VEHICLE:	D125-8			
DEALER:	Gregory Poole Equipment Company	Gregory Poole Equipment Company	Gregory Poole Equipment Company	Gregory Poole Equipment Company
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$34,530.00	\$34,530.00	\$34,530.00	\$34,530.00

Optional Equipment - specify			
Optional Equipment - specify			
Optional Equipment - specify			
Optional Equipment - specify			
Optional Equipment - specify			



NORTH CAROLINA SHERIFFS' ASSOCIATION

125KW STANDBY GENERATOR SPECIFICATION #1

2018 Doosan G150 WCU-3A-T4F

The Doosan G150 WCU-3A-T4F 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:	-- No bid --	-- No bid --	-- No bid --	-- No bid --

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VEHICLE: G150 WCU-3A-T4F
DEALER:
ZONE: Appalachia Dogwood Cardinal Longleaf Pine
BASE PRICE: -- No bid -- -- No bid -- -- No bid -- -- No bid --

Order Code	Delete Options	All Zones
	Downgrade generator package - 20KW Downgrade	
	Downgrade generator package - 30KW Downgrade	
	Downgrade generator package - 40KW Downgrade	
	Downgrade generator package - 50KW Downgrade	
	Downgrade generator package - 60KW Downgrade	
	Downgrade generator package - 80KW Downgrade	
	Downgrade generator package - 100KW Downgrade	
	Optional Equipment - specify	
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Order Code	Add Options	All Zones
	Upgrade generator package to 150KW	



NORTH CAROLINA SHERIFFS' ASSOCIATION

125KW STANDBY GENERATOR SPECIFICATION #1

2018 Generac SD130

The Generac SD130 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:	\$34,044.00	\$34,044.00	\$34,044.00	\$34,044.00

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VEHICLE:	SD130			
DEALER:	National Power Corp	National Power Corp	National Power Corp	National Power Corp
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$34,044.00	\$34,044.00	\$34,044.00	\$34,044.00

Order Code	Delete Options	All Zones
SD020 ¹	Downgrade generator package - 20KW Downgrade <i>20kW Diesel Generator Set with sound attenuating enclosure, 24 hour base tank, 277/480V, 3 phase</i> ¹	(\$14,842.00) ¹
SD030 ¹	Downgrade generator package - 30KW Downgrade <i>30kW Diesel Generator Set with sound attenuating enclosure, 24 hour base tank, 277/480V, 3 phase</i> ¹	(\$14,120.00) ¹
SD040 ¹	Downgrade generator package - 40KW Downgrade <i>40kW Diesel Generator Set with sound attenuating enclosure, 24 hour base tank, 277/480V, 3 phase</i> ¹	(\$14,422.00) ¹
SD050 ¹	Downgrade generator package - 50KW Downgrade <i>50kW Diesel Generator Set with sound attenuating enclosure, 24 hour base tank, 277/480V, 3 phase</i> ¹	(\$11,612.00) ¹
SD060 ¹	Downgrade generator package - 60KW Downgrade <i>60kW Diesel Generator Set with sound attenuating enclosure, 24 hour base tank, 277/480V, 3 phase</i> ¹	(\$9,569.00) ¹
SD080 ¹	Downgrade generator package - 80KW Downgrade <i>80kW Diesel Generator Set with sound attenuating enclosure, 24 hour base tank, 277/480V, 3 phase</i> ¹	(\$7,314.00) ¹
SD100 ¹	Downgrade generator package - 100KW Downgrade <i>100kW Diesel Generator Set with sound attenuating enclosure, 24 hour base tank, 277/480V, 3 phase</i> ¹	(\$4,629.00) ¹
SD020-WPE ¹	Optional Equipment - specify <i>20kW Diesel Generator Set with standard weather protective enclosure in lieu of sound attenuating enclosure, 24 hour base tank, 277/480V, 3 phase</i> ¹	(\$16,639.00) ¹
SD030-WPE ¹	Optional Equipment - specify <i>30kW Diesel Generator Set with standard weather protective enclosure in lieu of sound attenuating enclosure, 24 hour base tank, 277/480V, 3 phase</i> ¹	(\$15,764.00) ¹
SD040-WPE ¹	Optional Equipment - specify <i>40kW Diesel Generator Set with standard weather protective enclosure in lieu of sound attenuating enclosure, 24 hour base tank, 277/480V, 3 phase</i> ¹	(\$14,308.00) ¹
SD050-WPE ¹	Optional Equipment - specify <i>50kW Diesel Generator Set with standard weather protective enclosure in lieu of sound attenuating enclosure, 24 hour base tank, 277/480V, 3 phase</i> ¹	(\$13,337.00) ¹
SD060-WPE ¹	Optional Equipment - specify <i>60kW Diesel Generator Set with standard weather protective enclosure in lieu of sound attenuating enclosure, 24 hour base tank, 277/480V, 3 phase</i> ¹	(\$12,196.00) ¹
SD080-WPE ¹	Optional Equipment - specify <i>80kW Diesel Generator Set with standard weather protective enclosure in lieu of sound attenuating enclosure, 24 hour base tank, 277/480V, 3 phase</i> ¹	(\$9,942.00) ¹
SD100-WPE ¹	Optional Equipment - specify <i>100kW Diesel Generator Set with standard weather protective enclosure in lieu of sound attenuating enclosure, 24 hour base tank, 277/480V, 3 phase</i> ¹	(\$7,599.00) ¹
SD130-WPE ¹	Optional Equipment - specify <i>130kW Diesel Generator Set with standard weather protective enclosure in lieu of sound attenuating enclosure, 24 hour base tank, 277/480V, 3 phase</i> ¹	(\$2,969.00) ¹
SD150-WPE ¹	Optional Equipment - specify <i>150kW Diesel Generator Set with standard weather protective enclosure in lieu of sound attenuating enclosure, 24 hour base tank, 277/480V, 3 phase</i> ¹	(\$762.00) ¹
SD175-WPE ¹	Optional Equipment - specify <i>175kW Diesel Generator Set with standard weather protective enclosure in lieu of sound attenuating enclosure, 24 hour base tank, 277/480V, 3 phase</i> ¹	\$2,931.00 ¹

VEHICLE:	SD130			
DEALER:	National Power Corp	National Power Corp	National Power Corp	National Power Corp
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$34,044.00	\$34,044.00	\$34,044.00	\$34,044.00

SD200-WPE ¹	Optional Equipment - specify <i>200kW Diesel Generator Set with standard weather protective enclosure in lieu of sound attenuating enclosure, 24 hour base tank, 277/480V, 3 phase</i> ¹	\$6,808.00 ¹
SD230-WPE ¹	Optional Equipment - specify <i>230kW Diesel Generator Set with standard weather protective enclosure in lieu of sound attenuating enclosure, 24 hour base tank, 277/480V, 3 phase</i> ¹	\$17,800.00 ¹
SD250-WPE ¹	Optional Equipment - specify <i>250kW Diesel Generator Set with standard weather protective enclosure in lieu of sound attenuating enclosure, 24 hour base tank, 277/480V, 3 phase</i> ¹	\$18,446.00 ¹
SD300-WPE ¹	Optional Equipment - specify <i>300kW Diesel Generator Set with standard weather protective enclosure in lieu of sound attenuating enclosure, 24 hour base tank, 277/480V, 3 phase</i> ¹	\$20,747.00 ¹
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Order Code	Add Options	All Zones
SD150 ¹	Upgrade generator package to 150KW <i>150kW generator set with sound attenuating enclosure and 24 hour fuel base tank</i> ¹	\$2,280.00 ¹
SD175 ¹	Upgrade generator package to 175KW <i>175kW generator set with sound attenuating enclosure and 24 hour fuel base tank</i> ¹	\$6,141.00 ¹
SD200 ¹	Upgrade generator package to 200KW <i>200kW generator set with sound attenuating enclosure and 24 hour fuel base tank</i> ¹	\$11,095.00 ¹
SD250 ¹	Upgrade generator package to 250KW <i>250kW generator set with sound attenuating enclosure and 24 hour fuel base tank</i> ¹	\$24,818.00 ¹
No Bid ¹	Upgrade generator package to 275KW <i>Not and Available Rating</i> ¹	NA ¹
SD300 ¹	Upgrade generator package to 300KW <i>300kW generator set with sound attenuating enclosure and 24 hour fuel base tank</i> ¹	\$27,437.00 ¹
Shrink Wrap ¹	Shrink wrap applied to the product to ensure a clean finish <i>Heavy duty plastic wrap to protect equipment during transportation in inclement weather</i> ¹	\$660.00 ¹
SD230 ¹	Optional Equipment - specify <i>230kW generator set with sound attenuating enclosure and 24 hour fuel base tank</i> ¹	\$22,085.00 ¹
	Optional Equipment - specify	



NORTH CAROLINA SHERIFFS' ASSOCIATION

125KW STANDBY GENERATOR SPECIFICATION #1

2018 HIPOWER HJW130 T6U

The HIPOWER HJW130 T6U 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:	-- No bid --	-- No bid --	-- No bid --	-- No bid --

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VEHICLE: HJW130 T6U
DEALER:
ZONE: Appalachia Dogwood Cardinal Longleaf Pine
BASE PRICE: -- No bid -- -- No bid -- -- No bid -- -- No bid --

Order Code	Delete Options	All Zones
	Downgrade generator package - 20KW Downgrade	
	Downgrade generator package - 30KW Downgrade	
	Downgrade generator package - 40KW Downgrade	
	Downgrade generator package - 50KW Downgrade	
	Downgrade generator package - 60KW Downgrade	
	Downgrade generator package - 80KW Downgrade	
	Downgrade generator package - 100KW Downgrade	
	Optional Equipment - specify	
	Optional Equipment - specify	
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Order Code	Add Options	All Zones
	Upgrade generator package to 150KW	



NORTH CAROLINA SHERIFFS' ASSOCIATION

125KW STANDBY GENERATOR SPECIFICATION #1

2018 Tradewinds TP125

The Tradewinds TP125 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:	\$42,544.00	\$42,544.00	\$42,544.00	\$42,544.00

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VEHICLE:	TP125			
DEALER:	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$42,544.00	\$42,544.00	\$42,544.00	\$42,544.00

Order Code	Delete Options	All Zones
T20-UL-NCS ¹	Downgrade generator package - 20KW Downgrade <i>Downgrade generator package to 20kwe, TIER Compliant diesel engine, 50gal UL tank, 80amp breaker, NFPA 110 controller, marine grade aluminum enclosure with stainless steel hardware. Unit nonproprietary.</i> ¹	\$14,084.00 ¹
T30-UL-NCS ¹	Downgrade generator package - 30KW Downgrade <i>Downgrade generator package to 30kwe, TIER Compliant diesel engine, 50gal UL tank, 150amp breaker, NFPA 110 controller, marine grade aluminum enclosure with stainless steel hardware. Unit nonproprietary.</i> ¹	\$11,944.00 ¹
T40-UL-NCS ¹	Downgrade generator package - 40KW Downgrade <i>Downgrade generator package to 40kwe, TIER Compliant Diesel engine, 50gal UL tank, 300amp breaker, NFPA110 controller, marine grade aluminum enclosure with stainless steel hardware. Unit nonproprietary.</i> ¹	\$7,800.00 ¹
T56-UL-NCS ¹	Downgrade generator package - 50KW Downgrade <i>Downgrade generator package to 56kwe, TIER Compliant Diesel engine, 75gal UL tank, 300amp breaker, NFPA110 controller, marine grade aluminum enclosure with stainless steel hardware. Unit nonproprietary.</i> ¹	\$6,577.00 ¹
T60-UL-NCS ¹	Downgrade generator package - 60KW Downgrade <i>Downgrade generator package to 60kwe, TIER Compliant diesel engine, 75gal UL tank, 300amp breaker, NFPA110 controller, marine grade aluminum enclosure with stainless steel hardware. Unit nonproprietary.</i> ¹	\$4,673.00 ¹
TP80-UL-NCS ¹	Downgrade generator package - 80KW Downgrade <i>Downgrade generator package to 80kwe Perkins, TIER Compliant, 75gal UL tank, 400amp breaker, NFPA110 controller, marine grade aluminum enclosure with stainless steel hardware. Unit nonproprietary.</i> ¹	\$4,225.00 ¹
TP100-UL-NCS ¹	Downgrade generator package - 100KW Downgrade <i>Downgrade generator package to 100kwe Perkins, TIER Compliant, 75gal UL tank, 500amp breaker, NFPA110 controller, marine grade aluminum enclosure with stainless steel hardware. Unit nonproprietary.</i> ¹	\$4,095.00 ¹
IT100-150-NCS ¹	Optional Equipment - specify <i>100-150amp, 1 or 3 ph, Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away. Obtain permit, pour pad, set and install generator, and transfer switch. Cost per amp.</i> ¹	\$42,424.00 ¹
IT151-300-NCS ¹	Optional Equipment - specify <i>151-300amp, 1 or 3 ph, Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away. Obtain permit, pour pad, set and install generator, and transfer switch. Cost per amp.</i> ¹	\$42,444.00 ¹
IT301-600-NCS ¹	Optional Equipment - specify <i>301-600amp, 1 or 3 ph, Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away. Obtain permit, pour pad, set and install generator, and transfer switch. Cost per amp.</i> ¹	\$42,454.00 ¹
IT601-1000-NCS ¹	Optional Equipment - specify <i>601-1000amp, 1 or 3 ph, Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away. Obtain permit, pour pad, set and install generator, and transfer switch. Cost per amp.</i> ¹	\$42,464.00 ¹
IT1001-4000-NCS ¹	Optional Equipment - specify <i>1001-4000amp, 1 or 3 ph, Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away. Obtain permit, pour pad, set and install generator, and transfer switch. Cost per amp.</i> ¹	\$42,469.00 ¹
500TANK-UL-NCS ¹	Optional Equipment - specify <i>500 gallon, UL 142, above ground steel storage tank with required fittings and delivery. Off-loading by others.</i> ¹	\$31,000.00 ¹
1000TANK-UL-NCS ¹	Optional Equipment - specify <i>1000 gallon, UL 142, above ground steel storage tank with required fittings and delivery. Off-loading by others.</i> ¹	\$26,443.00 ¹

VEHICLE:	TP125			
DEALER:	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$42,544.00	\$42,544.00	\$42,544.00	\$42,544.00

DELETE-A-NCS ¹	Optional Equipment - specify <i>Delete aluminum weather enclosure and subbase fuel from 9kwe - 30kwe packages and provide steel subbase with loose muffler, exhaust flex, and rain cap</i> ¹	\$36,929.00 ¹
DELETE-B-NCS ¹	Optional Equipment - specify <i>Delete aluminum weather enclosure and subbase fuel from 31kwe - 100kwe packages and provide steel subbase with loose muffler, exhaust flex, and rain cap</i> ¹	\$34,929.00 ¹
DELETE-C-NCS ¹	Optional Equipment - specify <i>Delete aluminum weather enclosure and subbase fuel from 101kwe - 200kwe packages and provide steel subbase with loose muffler, exhaust flex, and rain cap</i> ¹	\$32,429.00 ¹
DELETE-D-NCS ¹	Optional Equipment - specify <i>Delete aluminum weather enclosure and subbase fuel from 201kwe - 400kwe packages and provide steel subbase with loose muffler, exhaust flex, and rain cap</i> ¹	\$31,929.00 ¹
T20-UL-TP-NCS ¹	Optional Equipment - specify <i>Downgrade from 125kwe diesel to UL 2200 Approved, 20kwe Total Pac with emission compliant engine, transfer switch prewired inside marine grade aluminum enclosure, 150amp, stainless steel service disconnects, and 150gal tank. UL 142 tank. Unit non-proprietary.</i> ¹	\$2,951.00 ¹
T30-UL-TP-NCS ¹	Optional Equipment - specify <i>Downgrade from 125kwe diesel to UL 2200 Approved, 30kwe Total Pac with emission compliant engine, transfer switch prewired inside marine grade aluminum enclosure, 150amp, stainless steel service disconnects, and 150gal tank. UL 142 tank. Unit non-proprietary.</i> ¹	\$1,280.00 ¹
T40-UL-TP-NCS ¹	Optional Equipment - specify <i>Downgrade from 125kwe diesel to UL 2200 Approved, 40kwe Total Pac with emission compliant engine, transfer switch prewired inside marine grade aluminum enclosure, 150amp, stainless steel service disconnects, and 150gal tank. UL 142 tank. Unit non-proprietary.</i> ¹	\$100.00 ¹
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
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	Optional Equipment - specify	NA

Order Code	Add Options	All Zones
T-150-UL-NCS ¹	Upgrade generator package to 150KW <i>Upgrade generator package to 150kwe TIER compliant engine, 300gal tank, UL sized generator breaker, NFPA110 controller, marine grade aluminum enclosure with stainless steel hardware. Unit non-proprietary.</i> ¹	\$7,886.00 ¹
T-175-UL-NCS ¹	Upgrade generator package to 175KW <i>Upgrade generator package to 175kwe TIER compliant engine, 300gal tank, UL sized generator breaker, NFPA110 controller, marine grade aluminum enclosure with stainless steel hardware. Unit non-proprietary.</i> ¹	\$9,795.00 ¹

VEHICLE:	TP125			
DEALER:	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$42,544.00	\$42,544.00	\$42,544.00	\$42,544.00

T-200-UL-NCS ¹	Upgrade generator package to 200KW <i>Upgrade generator package to 200kwe, with TIER compliant engine, 300gal tank, UL sized generator breaker, NFPA110 controller, marine grade aluminum enclosure with stainless steel hardware. Unit non-proprietary.</i> ¹	\$11,134.00 ¹
T-250-UL-NCS ¹	Upgrade generator package to 250KW <i>Upgrade generator package to 250kwe with TIER compliant engine, 500gal tank, UL sized generator breaker, NFPA110 controller, marine grade aluminum enclosure with stainless steel hardware. Unit non-proprietary.</i> ¹	\$39,800.00 ¹
T-275-UL-NCS ¹	Upgrade generator package to 275KW <i>Upgrade generator package to 275kwe with either TIER compliant engine, 500gal tank, UL sized generator breaker, NFPA110 controller, marine grade aluminum enclosure with stainless steel hardware. Unit non-proprietary.</i> ¹	\$44,845.00 ¹
T300-UL-NCS ¹	Upgrade generator package to 300KW <i>Upgrade generator package to 300kwe with either TIER compliant engine, 500gal tank, UL sized generator breaker, NFPA110 controller, marine grade aluminum enclosure with stainless steel hardware. Unit non-proprietary.</i> ¹	\$49,849.00 ¹
T-SHRINK-NCS ¹	Shrink wrap applied to the product to ensure a clean finish <i>Add shrink wrap to complete generator as specified above.</i> ¹	\$310.00 ¹
T-56-TP-NCS ¹	Optional Equipment - specify <i>Upgrade generator package to 56kwe UL 2200 approved Total Pac, TIER compliant engine, transfer switch prewired inside marine grade aluminum enclosure, 200amp, stainless steel service disconnects, and 150gal tank UL 142 tank. Unit non-proprietary.</i> ¹	\$8,627.00 ¹
T-65-TP-NCS ¹	Optional Equipment - specify <i>Upgrade generator package to 65kwe UL 2200 approved Total Pac, TIER compliant engine, transfer switch prewired inside marine grade aluminum enclosure, 250amp, stainless steel service disconnects, and 150gal tank UL 142 tank. Unit non-proprietary.</i> ¹	\$11,578.00 ¹
T-80-TP-NCS ¹	Optional Equipment - specify <i>Upgrade generator package to 80kwe UL 2200 approved Total Pac, TIER compliant engine, transfer switch prewired inside marine grade aluminum enclosure, 300amp, stainless steel service disconnects, and 150gal tank UL 142 tank. Unit non-proprietary.</i> ¹	\$14,850.00 ¹
T-100-TP-NCS ¹	Optional Equipment - specify <i>Upgrade generator package to 100kwe UL 2200 approved Total Pac, TIER compliant engine, transfer switch prewired inside marine grade aluminum enclosure, 400amp, stainless steel service disconnects, and 150gal tank UL 142 tank. Unit non-proprietary.</i> ¹	\$17,468.00 ¹
T125-TP-NCS ¹	Optional Equipment - specify <i>Upgrade generator package to 125kwe Total Pac, Perkins/John Deere TIER compliant engine, transfer switch prewired inside marine grade aluminum enclosure, 400amp, stainless steel service disconnects, and 300gal tank UL 142 tank. Unit non-proprietary.</i> ¹	\$31,233.00 ¹
T-150-TP-NCS ¹	Optional Equipment - specify <i>Upgrade generator package to 153kwe Total Pac with TIER compliant engine, transfer switch prewired inside marine grade aluminum enclosure, 400amp, stainless steel service disconnects, and 500gal tank UL 142 tank. Unit non-proprietary.</i> ¹	\$36,095.00 ¹
T-175-600-TP-NCS ¹	Optional Equipment - specify <i>Upgrade generator package to 175kwe Total Pac with TIER compliant engine, transfer switch prewired inside marine grade aluminum enclosure, 600amp, stainless steel service disconnects, and 500gal tank UL 142 tank. Unit non-proprietary.</i> ¹	\$41,528.00 ¹
T-200-600-TP-NCS ¹	Optional Equipment - specify <i>Upgrade generator package to 200kwe Total Pac with TIER compliant engine, transfer switch prewired inside marine grade aluminum enclosure, 600amp, stainless steel service disconnects, and 500gal tank UL 142 tank. Unit non-proprietary.</i> ¹	\$44,850.00 ¹
T2-Parallel-NCS ¹	Optional Equipment - specify <i>Additional equipment and labor required to parallel any two machines (201kwe - 600Kwe) together at the factory and perform onsite start-up and adjustment.</i> ¹	\$27,800.00 ¹

VEHICLE:	TP125			
DEALER:	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$42,544.00	\$42,544.00	\$42,544.00	\$42,544.00

T-150tank-NCS ¹	Optional Equipment - specify <i>Upgrade existing UL 142 subbase fuel tank to 150 gallons exterior corrosion resistant paint applied.</i> ¹	\$2,380.00 ¹
T-200tank-NCS ¹	Optional Equipment - specify <i>Upgrade existing UL 142 subbase fuel tank to 200 gallons with exterior corrosion resistant paint applied.</i> ¹	\$3,840.00 ¹
T-500tank-NCS ¹	Optional Equipment - specify <i>Upgrade existing UL 142 subbase fuel tank to 500 gallons with corrosion resistant paint applied.</i> ¹	\$5,860.00 ¹
T-1000tank-NCS ¹	Optional Equipment - specify <i>Upgrade existing UL 142 subbase fuel tank to 1000 gallons with corrosion resistant paint applied.</i> ¹	\$8,650.00 ¹
TLIT-ENC-NCS ¹	Optional Equipment - specify <i>Supply and Install interior enclosure maintenance lights with 60 min timer.</i> ¹	\$1,240.00 ¹
TPOL-NCS ¹	Optional Equipment - specify <i>Supply and install diesel fuel polishing system.</i> ¹	\$4,380.00 ¹
	Optional Equipment - specify	NA
TAMP3-NCS ¹	Optional Equipment - specify <i>Upgrade generator main breaker from 800-1200 amp 100% rated breaker with shunt trip.</i> ¹	\$5,680.00 ¹
TAMP2-NCS ¹	Optional Equipment - specify <i>Upgrade generator main breaker from 500-700 amp 100% rated breaker with shunt trip.</i> ¹	\$3,680.00 ¹
TAMP1-NCS ¹	Optional Equipment - specify <i>Upgrade generator main breaker from 250-400 amp 100% rated breaker with shunt trip.</i> ¹	\$2,895.00 ¹
TSCADA-NCS ¹	Optional Equipment - specify <i>Upgrade generator control panel to include but not limited to customer specified interface points. Price includes each point being wired to a terminal strip that customer can connect to and transmit condition.</i> ¹	\$4,500.00 ¹
TTIER4F1-NCS ¹	Optional Equipment - specify <i>Upgrade EPA Tier 3 stationary engine to EPA Tier 4 Final for stationary prime use: 60kwe-100kwe</i> ¹	\$19,895.00 ¹
TTIER4F2-NCS ¹	Optional Equipment - specify <i>Upgrade EPA Tier 3 stationary engine to EPA Tier 4 Final for stationary prime use: 125kwe-200kwe</i> ¹	\$26,495.00 ¹
TTIER4F3-NCS ¹	Optional Equipment - specify <i>Upgrade EPA Tier 3 stationary engine to EPA Tier 4 Final for stationary prime use: 225kwe-300kwe</i> ¹	\$40,228.00 ¹
TDVARP-04-NCS ¹	Optional Equipment - specify <i>Generator voltage regulator upgrade for 3ph sensing with PMG.</i> ¹	\$1,850.00 ¹
EX-SS-NCS ¹	Optional Equipment - specify <i>Stainless steel exhaust-includes muffler, rain cap, piping and clamps.</i> ¹	\$6,840.00 ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

125KW STANDBY GENERATOR SPECIFICATION #1

2018 Wacker G150

The Wacker G150 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:	-- No bid --	-- No bid --	-- No bid --	-- No bid --

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: G150
DEALER:
ZONE: Appalachia Dogwood Cardinal Longleaf Pine
BASE PRICE: -- No bid -- -- No bid -- -- No bid -- -- No bid --

Order Code	Delete Options	All Zones
	Downgrade generator package - 20KW Downgrade	
	Downgrade generator package - 30KW Downgrade	
	Downgrade generator package - 40KW Downgrade	
	Downgrade generator package - 50KW Downgrade	
	Downgrade generator package - 60KW Downgrade	
	Downgrade generator package - 80KW Downgrade	
	Downgrade generator package - 100KW Downgrade	
	Optional Equipment - specify	
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Order Code	Add Options	All Zones
	Upgrade generator package to 150KW	



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>125KW NATURAL GAS GENERATOR (Specification #02)</u>			
ATLANTIC POWER SOLUTIONS	2018 AKSA APD-NG125	★Appalachia	\$31,086.00
ATLANTIC POWER SOLUTIONS	2018 AKSA APD-NG125	★Dogwood	\$31,086.00
ATLANTIC POWER SOLUTIONS	2018 AKSA APD-NG125	★Cardinal	\$31,086.00
ATLANTIC POWER SOLUTIONS	2018 AKSA APD-NG125	★Longleaf Pine	\$31,086.00
Clark Equipment Company	2018 Doosan NG160	Appalachia	\$78,267.00
Clark Equipment Company	2018 Doosan NG160	Dogwood	\$78,267.00
Clark Equipment Company	2018 Doosan NG160	Cardinal	\$78,267.00
Clark Equipment Company	2018 Doosan NG160	Longleaf Pine	\$78,267.00
National Power Corp	2018 Generac SG130-NG	Appalachia	\$32,413.00
National Power Corp	2018 Generac SG130-NG	Dogwood	\$32,413.00
National Power Corp	2018 Generac SG130-NG	Cardinal	\$32,413.00
National Power Corp	2018 Generac SG130-NG	Longleaf Pine	\$32,413.00
Tradewinds Power Corp	2018 Tradewinds TG125E-UL60L8.8G	Appalachia	\$53,540.00
Tradewinds Power Corp	2018 Tradewinds TG125E-UL60L8.8G	Dogwood	\$53,540.00
Tradewinds Power Corp	2018 Tradewinds TG125E-UL60L8.8G	Cardinal	\$53,540.00
Tradewinds Power Corp	2018 Tradewinds TG125E-UL60L8.8G	Longleaf Pine	\$53,540.00
Gregory Poole Equipment Company	2018 Wacker 125kw NG	Appalachia	\$38,250.00
Gregory Poole Equipment Company	2018 Wacker 125kw NG	Dogwood	\$38,250.00
Gregory Poole Equipment Company	2018 Wacker 125kw NG	Cardinal	\$38,250.00
Gregory Poole Equipment Company	2018 Wacker 125kw NG	Longleaf Pine	\$38,250.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

125KW NATURAL GAS GENERATOR **SPECIFICATION #2**

2018 AKSA APD-NG125
2018 Doosan NG160
2018 Generac SG130-NG
2018 Tradewinds TG125E-UL60L8.8G
2018 Wacker 125kw NG

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. GENERATOR REQUIREMENTS

- a. Unit shall be in compliance with and be UL 2200 labeled
- b. Generator shall meet performance class G3 of IEC
- c. Directly connected to the engine flywheel housing with flex coupling
- d. 3 phase, 60 hertz, 1800 rpm
- e. 480 volts
- f. Standby duty rated at 125.0 kW, 156.3 KVA, 8 power factor

2. ENGINE

- a. Coolant heater, 1PH, 120VAC
- b. Emission certified engine
- c. Water cooled diesel engine, sized for generator set

3. CONTROLS

- a. NFPA 110 compliant
- b. Controls shall provide all operating, monitoring and control functions for generator set
- c. Solid state, microprocessor based generator controls

4. ENCLOSURE/SILENCER

- a. Flexible stainless steel exhaust
- b. Companion flanges
- c. Critical grade silencer
- d. Complete diesel engine generator set including control panel, engine starting batteries and fuel oil tank shall be enclosed in a factory assembled water protective, sound attenuated enclosure.

5. BATTERY CHARGER

- a. Industrial grade LED acid battery
- b. Charger shall be mounted on genset package
- c. Charger shall be dual charge rate with automatic switching to boost rate when required
- d. Current limiting 10 Amp, 120 VAC battery charger to automatically singular charge battery

6. START UP AND TESTING

- a. Record engine and generator serial numbers
- b. Package information consisting of Make of generator, Model (TJ125 TP20, DP125, etc.), Serial number of complete package, and Start-up date.

- c. During the start-up, the technician shall record the following information and provide to the owner for his record.
Record Operating Voltage, Hz, Ph, and connected load (Amperage)
- d. Vendor must coordinate all start up and testing activities with the engineer and owner. After installation is completed by others and normal power is available, the vendor must perform a one (1) day start-up including the use of building load. The start-up technician will instruct all necessary personnel how to operate and maintain the equipment in accordance to the manufacturer's requirements.
- e. Fuel is by others

7. CONDITIONS

- a. In addition to equipment specified, each generator shall be equipped with all standard equipment as specified by the manufacture for this model and shall include but not be limited to the following necessary items:
- b. Initial filling of oil and antifreeze
- c. One complete set of operation and maintenance manuals
- d. Two (2) year or 1500 hour standard standby generator warranty. Labor, materials, and travel for the warranty period repair will be paid by manufacturer during normal business hours.

8. DELIVERY

- a. Net cost includes delivery of equipment to governmental site location
- b. Coordination and offloading of the equipment at the governmental site location will be the responsibility of the purchasing agency.

9. WARRANTY

- a. Does not begin until Authorized Dealer hooks generator up.



NORTH CAROLINA SHERIFFS' ASSOCIATION

125KW NATURAL GAS GENERATOR SPECIFICATION #2

2018 AKSA APD-NG125

The AKSA APD-NG125 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:	\$31,086.00	\$31,086.00	\$31,086.00	\$31,086.00

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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:	APD-NG125			
DEALER:	ATLANTIC POWER SOLUTIONS	ATLANTIC POWER SOLUTIONS	ATLANTIC POWER SOLUTIONS	ATLANTIC POWER SOLUTIONS
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$31,086.00	\$31,086.00	\$31,086.00	\$31,086.00

Order Code	Delete Options	All Zones
APD-NG40 ¹	Downgrade generator package - 40KW Downgrade	(\$13,847.00) ¹
	Downgrade generator package - 50KW Downgrade	NA
APD-NG60 ¹	Downgrade generator package - 60KW Downgrade	(\$11,087.00) ¹
APD-NG80 ¹	Downgrade generator package - 80KW Downgrade	(\$7,984.00) ¹
APD-NG100 ¹	Downgrade generator package - 100KW Downgrade	(\$6,216.00) ¹
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
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Order Code	Add Options	All Zones
APD-NG150 ¹	Upgrade generator package to 150KW	\$2,388.00 ¹
APD-NG200 ¹	Upgrade generator package to 200KW	\$27,622.00 ¹
APD-NG250 ¹	Upgrade generator package to 250KW	\$58,350.00 ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

125KW NATURAL GAS GENERATOR SPECIFICATION #2

2018 Doosan NG160

The Doosan NG160 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:	\$78,267.00	\$78,267.00	\$78,267.00	\$78,267.00

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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:	NG160			
DEALER:	Clark Equipment Company	Clark Equipment Company	Clark Equipment Company	Clark Equipment Company
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$78,267.00	\$78,267.00	\$78,267.00	\$78,267.00

Order Code	Delete Options	All Zones
	Downgrade generator package - 40KW Downgrade	
	Downgrade generator package - 50KW Downgrade	
	Downgrade generator package - 60KW Downgrade	
	Downgrade generator package - 80KW Downgrade	
	Downgrade generator package - 100KW Downgrade	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
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Order Code	Add Options	All Zones
NG225 ¹	Upgrade generator package to 150KW	\$23,573.00 ¹
NG295 ¹	Upgrade generator package to 200KW	\$58,346.00 ¹
	Upgrade generator package to 250KW	



NORTH CAROLINA SHERIFFS' ASSOCIATION

125KW NATURAL GAS GENERATOR SPECIFICATION #2

2018 Generac SG130-NG

The Generac SG130-NG 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:	\$32,413.00	\$32,413.00	\$32,413.00	\$32,413.00

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:	SG130-NG			
DEALER:	National Power Corp	National Power Corp	National Power Corp	National Power Corp
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$32,413.00	\$32,413.00	\$32,413.00	\$32,413.00

Order Code	Delete Options	All Zones
SG040-NG ¹	Downgrade generator package - 40KW Downgrade <i>40kW generator set in sound attenuating enclosure, 277/480V, 3 phase¹</i>	(\$14,265.00) ¹
SG050-NG ¹	Downgrade generator package - 50KW Downgrade <i>50kW generator set in sound attenuating enclosure, 277/480V, 3 phase¹</i>	(\$12,387.00) ¹
SG060-NG ¹	Downgrade generator package - 60KW Downgrade <i>60kW generator set in sound attenuating enclosure, 277/480V, 3 phase¹</i>	(\$10,492.00) ¹
SG080-NG ¹	Downgrade generator package - 80KW Downgrade <i>80kW generator set in sound attenuating enclosure, 277/480V, 3 phase¹</i>	(\$8,202.00) ¹
SG100-NG ¹	Downgrade generator package - 100KW Downgrade <i>100kW generator set in sound attenuating enclosure, 277/480V, 3 phase¹</i>	(\$5,900.00) ¹
SG040-NG-WPE ¹	Optional Equipment - specify <i>40kW natural gas generator set in standard weather protective enclosure, 277/480V, 3 phase¹</i>	(\$16,399.00) ¹
SG050-NG-WPE ¹	Optional Equipment - specify <i>50kW natural gas generator set in standard weather protective enclosure, 277/480V, 3 phase¹</i>	(\$14,519.00) ¹
SG060-NG-WPE ¹	Optional Equipment - specify <i>60kW natural gas generator set in standard weather protective enclosure, 277/480V, 3 phase¹</i>	(\$12,783.00) ¹
SG080-NG-WPE ¹	Optional Equipment - specify <i>80kW natural gas generator set in standard weather protective enclosure, 277/480V, 3 phase¹</i>	(\$10,476.00) ¹
SG100-NG-WPE ¹	Optional Equipment - specify <i>100kW natural gas generator set in standard weather protective enclosure, 277/480V, 3 phase¹</i>	(\$8,174.00) ¹
SG130-NG-WPE ¹	Optional Equipment - specify <i>130kW natural gas generator set in standard weather protective enclosure, 277/480V, 3 phase¹</i>	(\$2,801.00) ¹
SG150-NG-WPE ¹	Optional Equipment - specify <i>150kW natural gas generator set in standard weather protective enclosure, 277/480V, 3 phase¹</i>	\$4,532.00 ¹
SG200-NG-WPE ¹	Optional Equipment - specify <i>200kW natural gas generator set in standard weather protective enclosure, 277/480V, 3 phase¹</i>	\$44,100.00 ¹
SG250-NG-WPE ¹	Optional Equipment - specify <i>250kW natural gas generator set in standard weather protective enclosure, 277/480V, 3 phase¹</i>	\$62,958.00 ¹
SG300-NG-WPE ¹	Optional Equipment - specify <i>300kW natural gas generator set in standard weather protective enclosure, 277/480V, 3 phase¹</i>	\$70,877.00 ¹
SG350-NG-WPE ¹	Optional Equipment - specify <i>350kW natural gas generator set in standard weather protective enclosure, 277/480V, 3 phase¹</i>	\$93,770.00 ¹
SG400-NG-WPE ¹	Optional Equipment - specify <i>400kW natural gas generator set in standard weather protective enclosure, 277/480V, 3 phase¹</i>	\$121,463.00 ¹
SG450-NG-WPE ¹	Optional Equipment - specify <i>450kW natural gas generator set in standard weather protective enclosure, 277/480V, 3 phase¹</i>	\$146,918.00 ¹
SG500-NG-WPE ¹	Optional Equipment - specify <i>500kW natural gas generator set in standard weather protective enclosure, 277/480V, 3 phase¹</i>	\$169,549.00 ¹
	Optional Equipment - specify	
	Optional Equipment - specify	



NORTH CAROLINA SHERIFFS' ASSOCIATION

125KW NATURAL GAS GENERATOR SPECIFICATION #2

2018 Tradewinds TG125E-UL60L8.8G

The Tradewinds TG125E-UL60L8.8G 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:	\$53,540.00	\$53,540.00	\$53,540.00	\$53,540.00

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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:	TG125E-UL60L8.8G			
DEALER:	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$53,540.00	\$53,540.00	\$53,540.00	\$53,540.00

Order Code	Delete Options	All Zones
TGM45-N-UL-NCS ¹	Downgrade generator package - 40KW Downgrade <i>Downgrade from 125kwe diesel to 45kwe natural gas with marine grade sound attenuated enclosure with stainless steel hardware, aluminum subbase, 80amp breaker, GM engine, 70dBA @ 21', 1800rpm, NFPA 110 controller, PMG. Unit non-proprietary.</i> ¹	\$26,886.00 ¹
	Downgrade generator package - 50KW Downgrade	NA
TGM60-N-UL-NCS ¹	Downgrade generator package - 60KW Downgrade <i>Downgrade from 125kwe diesel to 60kwe natural gas with marine grade sound attenuated enclosure with stainless steel hardware, aluminum subbase, 115amp breaker, GM engine, 70dBA @ 21', 1800rpm, NFPA 110 controller, PMG. Unit non-proprietary.</i> ¹	\$22,976.00 ¹
TGM80-N-UL-NCS ¹	Downgrade generator package - 80KW Downgrade <i>Downgrade from 125kwe diesel to 60kwe natural gas with marine grade sound attenuated enclosure with stainless steel hardware, aluminum subbase, 150 amp breaker, GM engine, 70dBA @ 21', 1800rpm, NFPA 110 controller, PMG. Unit non-proprietary.</i> ¹	\$21,724.00 ¹
TGM100-N-UL-NCS ¹	Downgrade generator package - 100KW Downgrade <i>Downgrade from 125kwe diesel to 100kwe natural gas engine aluminum subbase, 200 amp breaker, NFPA110 controller, marine grade aluminum enclosure with stainless steel hardware. Unit non-proprietary</i> ¹	\$15,350.00 ¹
IT100-150-NCS ¹	Optional Equipment - specify <i>100-150amp, 1 or 3 ph, Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away. Obtain permit, pour pad, set and install generator, and transfer switch. Cost per amp.</i> ¹	\$53,420.00 ¹
IT151-300-NCS ¹	Optional Equipment - specify <i>151-300amp, 1 or 3 ph, Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away. Obtain permit, pour pad, set and install generator, and transfer switch. Cost per amp.</i> ¹	\$53,430.00 ¹
IT301-600-NCS ¹	Optional Equipment - specify <i>301-600amp, 1 or 3 ph, Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away. Obtain permit, pour pad, set and install generator, and transfer switch. Cost per amp.</i> ¹	\$53,445.00 ¹
IT601-1000-NCS ¹	Optional Equipment - specify <i>601-1000amp, 1 or 3 ph, Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away. Obtain permit, pour pad, set and install generator, and transfer switch. Cost per amp.</i> ¹	\$53,455.00 ¹
IT1001-4000-NCS ¹	Optional Equipment - specify <i>1001-4000amp, 1 or 3 ph, Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away. Obtain permit, pour pad, set and install generator, and transfer switch. Cost per amp.</i> ¹	\$53,460.00 ¹
DELETE-A-NCS ¹	Optional Equipment - specify <i>Delete aluminum weather enclosure and subbase fuel from 25kwe - 30kwe packages and provide steel subbase with loose muffler, exhaust flex, and rain cap.</i> ¹	\$50,179.00 ¹
DELETE-B-NCS ¹	Optional Equipment - specify <i>Delete aluminum weather enclosure and subbase fuel from 31kwe - 100kwe packages and provide steel subbase with loose muffler, exhaust flex, and rain cap.</i> ¹	\$48,179.00 ¹
DELETE-C-NCS ¹	Optional Equipment - specify <i>Delete aluminum weather enclosure and subbase fuel from 101kwe - 200kwe packages and provide steel subbase with loose muffler, exhaust flex, and rain cap.</i> ¹	\$46,555.00 ¹
DELETE-D-NCS ¹	Optional Equipment - specify <i>Delete aluminum weather enclosure and subbase fuel from 201kwe - 400kwe packages and provide steel subbase with loose muffler, exhaust flex, and rain cap.</i> ¹	\$41,179.00 ¹

VEHICLE:	TG125E-UL60L8.8G			
DEALER:	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$53,540.00	\$53,540.00	\$53,540.00	\$53,540.00

TGM30-N-UL-NCS ¹	Optional Equipment - specify <i>Downgrade from 125kwe natural gas to 30kwe natural gas with marine grade sound attenuated enclosure with stainless steel hardware, aluminum subbase, 60amp breaker, GM engine, 70dba @ 21', 1800rpm, NFPA 110 controller, PMG. Unit non-proprietary. ¹</i>	\$26,886.00 ¹
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
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	Optional Equipment - specify	NA

Order Code	Add Options	All Zones
TG-150-NCS ¹	Upgrade generator package to 150KW <i>Upgrade generator package to 150kwe natural gas engine, aluminum subbase, 225amp breaker, NFPA110 controller, marine grade aluminum enclosure with stainless steel hardware. Unit non-proprietary. ¹</i>	\$2,280.00 ¹
TG-195-NCS ¹	Upgrade generator package to 200KW <i>Upgrade generator package to 195kwe natural gas engine, aluminum subbase, 300amp breaker, NFPA110 controller, marine grade aluminum enclosure with stainless steel hardware. Unit non-proprietary. ¹</i>	\$6,450.00 ¹
TG-250-NCS ¹	Upgrade generator package to 250KW <i>Upgrade generator package to 250kwe natural gas engine, aluminum subbase, 250amp breaker, NFPA110 controller, marine grade aluminum enclosure with stainless steel hardware. Unit non-proprietary. ¹</i>	\$16,250.00 ¹
TG-300-NCS ¹	Upgrade generator package to 300KW <i>Upgrade generator package to 300kwe natural gas engine, aluminum subbase, 250amp breaker, NFPA110 controller, marine grade aluminum enclosure with stainless steel hardware. Unit non-proprietary. ¹</i>	\$18,450.00 ¹
	Upgrade generator package to 350KW	NA
	Upgrade generator package to 400KW	NA
	Upgrade generator package to 425KW	NA
T-SHRINK-NCS ¹	Shrink wrap applied to the product to ensure a clean finish <i>Add shrink wrap to complete generator as specified above. ¹</i>	\$200.00 ¹
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA



NORTH CAROLINA SHERIFFS' ASSOCIATION

125KW NATURAL GAS GENERATOR SPECIFICATION #2

2018 Wacker 125kw NG

The Wacker 125kw NG 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:	\$38,250.00	\$38,250.00	\$38,250.00	\$38,250.00

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:	125kw NG			
DEALER:	Gregory Poole Equipment Company	Gregory Poole Equipment Company	Gregory Poole Equipment Company	Gregory Poole Equipment Company
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$38,250.00	\$38,250.00	\$38,250.00	\$38,250.00

Order Code	Delete Options	All Zones
DG50 ¹	Downgrade generator package - 40KW Downgrade	\$16,150.00 ¹
DG50 ¹	Downgrade generator package - 50KW Downgrade	\$16,150.00 ¹
DG60 ¹	Downgrade generator package - 60KW Downgrade	\$13,780.00 ¹
DG80 ¹	Downgrade generator package - 80KW Downgrade	\$11,370.00 ¹
DG100 ¹	Downgrade generator package - 100KW Downgrade	\$7,670.00 ¹
Enclosure ¹	Optional Equipment - specify <i>Additional Options: SEE DEALER</i> ¹	1
Breakers ¹	Optional Equipment - specify <i>Additional Options: SEE DEALER</i> ¹	1
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
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Order Code	Add Options	All Zones
DG150 ¹	Upgrade generator package to 150KW	\$2,990.00 ¹
DG200 ¹	Upgrade generator package to 200KW	\$39,470.00 ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>125KW LP GAS GENERATOR (Specification #03)</u>			
ATLANTIC POWER SOLUTIONS	2018 AKSA APD-NG125	Appalachia	\$33,474.00
ATLANTIC POWER SOLUTIONS	2018 AKSA APD-NG125	Dogwood	\$33,474.00
ATLANTIC POWER SOLUTIONS	2018 AKSA APD-NG125	Cardinal	\$33,474.00
ATLANTIC POWER SOLUTIONS	2018 AKSA APD-NG125	Longleaf Pine	\$33,474.00
National Power Corp	2018 Generac SG130-LP	★Appalachia	\$32,413.00
National Power Corp	2018 Generac SG130-LP	★Dogwood	\$32,413.00
National Power Corp	2018 Generac SG130-LP	★Cardinal	\$32,413.00
National Power Corp	2018 Generac SG130-LP	★Longleaf Pine	\$32,413.00
Tradewinds Power Corp	2018 Tradewinds TG150E-UL60L8.8G	Appalachia	\$54,540.00
Tradewinds Power Corp	2018 Tradewinds TG150E-UL60L8.8G	Dogwood	\$54,540.00
Tradewinds Power Corp	2018 Tradewinds TG150E-UL60L8.8G	Cardinal	\$54,540.00
Tradewinds Power Corp	2018 Tradewinds TG150E-UL60L8.8G	Longleaf Pine	\$54,540.00
Gregory Poole Equipment Company	2018 Wacker 125kw LP Gas	Appalachia	\$41,090.00
Gregory Poole Equipment Company	2018 Wacker 125kw LP Gas	Dogwood	\$41,090.00
Gregory Poole Equipment Company	2018 Wacker 125kw LP Gas	Cardinal	\$41,090.00
Gregory Poole Equipment Company	2018 Wacker 125kw LP Gas	Longleaf Pine	\$41,090.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

125KW LP GAS GENERATOR SPECIFICATION #3

2018 AKSA APD-NG125
2018 Generac SG130-LP
2018 Tradewinds TG150E-UL60L8.8G
2018 Wacker 125kw LP Gas

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. GENERATOR REQUIREMENTS

- a. Standby duty rated at 125.0 kW, 156.3 KVA, 8 power factor
- b. 480 volts
- c. 3 phase, 60 hertz, 1800 rpm
- d. Directly connected to the engine flywheel housing with flex coupling
- e. Generator shall meet performance class G3 of IEC
- f. Unit shall be in compliance with and be UL 2200 labeled

2. ENGINE

- a. Water cooled diesel engine, sized for generator set
- b. Emission certified engine
- c. Coolant heater, 1PH, 120VAC

3. CONTROLS

- a. Solid state, microprocessor based generator controls
- b. Controls shall provide all operating, monitoring and control functions for generator set
- c. NFPA 110 compliant

4. ENCLOSURE/SILENCER

- a. Complete diesel engine generator set including control panel, engine starting batteries and fuel oil tank shall be enclosed in a factory assembled water protective, sound attenuated enclosure.
- b. Critical grade silencer
- c. Companion flanges
- d. Flexible stainless steel exhaust

5. BATTERY CHARGER

- a. Current limiting 10 Amp, 120 VAC battery charger to automatically singular charge battery
- b. Charger shall be dual charge rate with automatic switching to boost rate when required
- c. Charger shall be mounted on genset package
- d. Industrial grade LED acid battery

6. START UP AND TESTING

- a. Vendor must coordinate all start up and testing activities with the engineer and owner. After installation is completed by others and normal power is available, the vendor must perform a one (1) day start-up including the use of building load. The start-up technician will instruct all necessary personnel how to operate and maintain the equipment in accordance to the manufacturer's requirements.

- b. During the start-up, the technician shall record the following information and provide to the owner for his record.
Record Operating Voltage, Hz, Ph, and connected load (Amperage)
- c. Fuel is by others
- d. Record engine and generator serial numbers
- e. Package information consisting of Make of generator, Model (TJ125 TP20, DP125, etc.), Serial number of complete package, and Start-up date.

7. CONDITIONS

- a. Two (2) year or 1500 hour standard standby generator warranty. Labor, materials, and travel for the warranty period repair will be paid by manufacturer during normal business hours.
- b. One complete set of operation and maintenance manuals
- c. Initial filling of oil and antifreeze
- d. In addition to equipment specified, each generator shall be equipped with all standard equipment as specified by the manufacture for this model and shall include but not be limited to the following necessary items:

8. DELIVERY

- a. Coordination and offloading of the equipment at the governmental site location will be the responsibility of the purchasing agency.
- b. Net cost includes delivery of equipment to governmental site location

9. WARRANTY

- a. Does not begin until Authorized Dealer hooks generator up.



NORTH CAROLINA SHERIFFS' ASSOCIATION

125KW LP GAS GENERATOR SPECIFICATION #3

2018 AKSA APD-NG125

The AKSA APD-NG125 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:	\$33,474.00	\$33,474.00	\$33,474.00	\$33,474.00

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VEHICLE:	APD-NG125			
DEALER:	ATLANTIC POWER SOLUTIONS	ATLANTIC POWER SOLUTIONS	ATLANTIC POWER SOLUTIONS	ATLANTIC POWER SOLUTIONS
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$33,474.00	\$33,474.00	\$33,474.00	\$33,474.00

Order Code	Delete Options	All Zones
APD-NG40 ¹	Downgrade generator package - 40KW Downgrade	(\$16,235.00) ¹
	Downgrade generator package - 50KW Downgrade	NA
APD-NG60 ¹	Downgrade generator package - 60KW Downgrade	(\$13,475.00) ¹
APD-NG100 ¹	Downgrade generator package - 80KW Downgrade	(\$8,604.00) ¹
APD-NG125 ¹	Downgrade generator package - 100KW Downgrade	(\$2,388.00) ¹
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
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	Optional Equipment - specify	NA

Order Code	Add Options	All Zones
APD-NG250 ¹	Upgrade generator package to 150KW	\$55,962.00 ¹
APD-NG350 ¹	Upgrade generator package to 200KW	\$74,968.00 ¹
APD-NG350 ¹	Upgrade generator package to 250KW	\$74,978.00 ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

125KW LP GAS GENERATOR SPECIFICATION #3

2018 Generac SG130-LP

The Generac SG130-LP 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:	\$32,413.00	\$32,413.00	\$32,413.00	\$32,413.00

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NORTH CAROLINA SHERIFFS' ASSOCIATION

125KW LP GAS GENERATOR SPECIFICATION #3

2018 Tradewinds TG150E-UL60L8.8G

The Tradewinds TG150E-UL60L8.8G 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:	\$54,540.00	\$54,540.00	\$54,540.00	\$54,540.00

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VEHICLE:	TG150E-UL60L8.8G			
DEALER:	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$54,540.00	\$54,540.00	\$54,540.00	\$54,540.00

Order Code	Delete Options	All Zones
TGM45-P-UL-NCS ¹	Downgrade generator package - 40KW Downgrade <i>Downgrade from 150kwe propane to 45kwe propane with marine grade sound attenuated enclosure with stainless steel hardware, aluminum subbase, 200amp breaker, GM engine, 70dba @ 21', 1800rpm, NFPA 110 controller, PMG. Unit non-proprietary.</i> ¹	\$27,886.00 ¹
	Downgrade generator package - 50KW Downgrade	NA
TGM60-P-UL-NCS ¹	Downgrade generator package - 60KW Downgrade <i>Downgrade from 150kwe propane to 60kwe propane with marine grade sound attenuated enclosure with stainless steel hardware, aluminum subbase, 300amp breaker, GM engine, 70dba @ 21', 1800rpm, NFPA 110</i> ¹	\$22,976.00 ¹
TGM80-P-UL-NCS ¹	Downgrade generator package - 80KW Downgrade <i>Downgrade from 150kwe propane to 60kwe propane with marine grade sound attenuated enclosure with stainless steel hardware, aluminum subbase, 300amp breaker, GM engine, 70dba @ 21', 1800rpm, NFPA 110 controller, PMG. Unit non-proprietary.</i> ¹	\$21,724.00 ¹
TGM100-P-UL-NCS ¹	Downgrade generator package - 100KW Downgrade <i>Downgrade from 150kwe propane to 100kwe propane fueled gas engine aluminum subbase, 175amp breaker, NFPA110 controller, marine grade aluminum enclosure with stainless steel hardware. Unit non-proprietary.</i> ¹	\$9,540.00 ¹
IT100-150-NCS ¹	Optional Equipment - specify <i>100-150amp, 1 or 3 ph, Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away. Obtain permit, pour pad, set and install generator, and transfer switch. Cost per amp.</i> ¹	\$54,445.00 ¹
IT151-300-NCS ¹	Optional Equipment - specify <i>151-300amp, 1 or 3 ph, Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away. Obtain permit, pour pad, set and install generator, and transfer switch. Cost per amp.</i> ¹	\$54,450.00 ¹
IT301-600-NCS ¹	Optional Equipment - specify <i>301-600amp, 1 or 3 ph, Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away. Obtain permit, pour pad, set and install generator, and transfer switch. Cost per amp.</i> ¹	\$54,460.00 ¹
IT601-1000-NCS ¹	Optional Equipment - specify <i>601-1000amp, 1 or 3 ph, Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away. Obtain permit, pour pad, set and install generator, and transfer switch. Cost per amp.</i> ¹	\$54,480.00 ¹
IT1001-4000-NCS ¹	Optional Equipment - specify <i>1001-4000amp, 1 or 3 ph, Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away. Obtain permit, pour pad, set and install generator, and transfer switch. Cost per amp.</i> ¹	\$54,490.00 ¹
DELETE-A-NCS ¹	Optional Equipment - specify <i>Delete aluminum weather enclosure and subbase fuel from 9kwe - 30kwe packages and provide steel subbase with loose muffler, exhaust flex, and rain cap.</i> ¹	\$50,179.00 ¹
DELETE-B-NCS ¹	Optional Equipment - specify <i>Delete aluminum weather enclosure and subbase fuel from 31kwe - 100kwe packages and provide steel subbase with loose muffler, exhaust flex, and rain cap.</i> ¹	\$48,179.00 ¹
DELETE-C-NCS ¹	Optional Equipment - specify <i>Delete aluminum weather enclosure and subbase fuel from 101kwe - 200kwe packages and provide steel subbase with loose muffler, exhaust flex, and rain cap.</i> ¹	\$46,555.00 ¹
DELETE-D-NCS ¹	Optional Equipment - specify <i>Delete aluminum weather enclosure and subbase fuel from 201kwe - 400kwe packages and provide steel subbase with loose muffler, exhaust flex, and rain cap.</i> ¹	\$41,179.00 ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

125KW LP GAS GENERATOR SPECIFICATION #3

2018 Wacker 125kw LP Gas

The Wacker 125kw LP Gas 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:	\$41,090.00	\$41,090.00	\$41,090.00	\$41,090.00

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VEHICLE:	125kw LP Gas			
DEALER:	Gregory Poole Equipment Company	Gregory Poole Equipment Company	Gregory Poole Equipment Company	Gregory Poole Equipment Company
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$41,090.00	\$41,090.00	\$41,090.00	\$41,090.00

Order Code	Delete Options	All Zones
DG50LP ¹	Downgrade generator package - 40KW Downgrade	\$18,990.00 ¹
DG50LP ¹	Downgrade generator package - 50KW Downgrade	\$18,990.00 ¹
DG60LP ¹	Downgrade generator package - 60KW Downgrade	\$16,620.00 ¹
DG92LP ¹	Downgrade generator package - 80KW Downgrade <i>92kW Unit CAT DG92LP ¹</i>	\$8,580.00 ¹
DG140LP ¹	Downgrade generator package - 100KW Downgrade <i>140kW LP ¹</i>	NC ¹
Enclosure ¹	Optional Equipment - specify <i>Enclosure Options: SEE DEALER ¹</i>	1
Breakers ¹	Optional Equipment - specify <i>Breaker Options: SEE DEALER ¹</i>	1
	Optional Equipment - specify	
	Optional Equipment - specify	
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Order Code	Add Options	All Zones
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NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>150KW MOBILE GENERATOR (Specification #04)</u>			
ATLANTIC POWER SOLUTIONS	2018 AKSA APD-AT150	★Appalachia	\$44,149.00
ATLANTIC POWER SOLUTIONS	2018 AKSA APD-AT150	★Dogwood	\$44,149.00
ATLANTIC POWER SOLUTIONS	2018 AKSA APD-AT150	★Cardinal	\$44,149.00
ATLANTIC POWER SOLUTIONS	2018 AKSA APD-AT150	★Longleaf Pine	\$44,149.00
Gregory Poole Equipment Company	2018 Caterpillar 150KW MOBILE GENERATOR	Appalachia	\$64,490.00
Gregory Poole Equipment Company	2018 Caterpillar 150KW MOBILE GENERATOR	Dogwood	\$64,490.00
Gregory Poole Equipment Company	2018 Caterpillar 150KW MOBILE GENERATOR	Cardinal	\$64,490.00
Gregory Poole Equipment Company	2018 Caterpillar 150KW MOBILE GENERATOR	Longleaf Pine	\$64,490.00
Clark Equipment Company	2018 Doosan G190 WCU-34-T4F	Appalachia	\$85,645.00
Clark Equipment Company	2018 Doosan G190 WCU-34-T4F	Dogwood	\$85,645.00
Clark Equipment Company	2018 Doosan G190 WCU-34-T4F	Cardinal	\$85,645.00
Clark Equipment Company	2018 Doosan G190 WCU-34-T4F	Longleaf Pine	\$85,645.00
National Power Corp	2018 Generac MMG175	Appalachia	\$78,571.96
National Power Corp	2018 Generac MMG175	Dogwood	\$78,571.96
National Power Corp	2018 Generac MMG175	Cardinal	\$78,571.96
National Power Corp	2018 Generac MMG175	Longleaf Pine	\$78,571.96
	2018 HIPOWER HRJW-175-T6	Appalachia	-- NB --
	2018 HIPOWER HRJW-175-T6	Dogwood	-- NB --
	2018 HIPOWER HRJW-175-T6	Cardinal	-- NB --
	2018 HIPOWER HRJW-175-T6	Longleaf Pine	-- NB --
Tradewinds Power Corp	2018 Tradewinds TP150	Appalachia	\$79,850.00
Tradewinds Power Corp	2018 Tradewinds TP150	Dogwood	\$79,850.00
Tradewinds Power Corp	2018 Tradewinds TP150	Cardinal	\$79,850.00

Tradewinds Power Corp	2018 Tradewinds TP150	Longleaf Pine	\$79,850.00
	2018 Wacker G180	Appalachia	-- NB --
	2018 Wacker G180	Dogwood	-- NB --
	2018 Wacker G180	Cardinal	-- NB --
	2018 Wacker G180	Longleaf Pine	-- NB --



NORTH CAROLINA SHERIFFS' ASSOCIATION

150KW MOBILE GENERATOR **SPECIFICATION #4**

2018 AKSA APD-AT150
2018 Caterpillar 150KW MOBILE GENERATOR
2018 Doosan G190 WCU-34-T4F
2018 Generac MMG175
2018 HIPOWER HRJW-175-T6
2018 Tradewinds TP150
2018 Wacker G180

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. GENERATOR REQUIREMENTS

- a. Standby duty rated at 150kwe, 187kva, 0.8 power factor
- b. Prime power duty rating 135kwe, 168kva, 0.8 power factor
- c. Main Breaker shall be equipped with shunt trip
- d. Generator end shall be Direct coupled to the engine flywheel with a flexible coupling
- e. Generator shall meet performance class G3 of IEC
- f. Coolant heater, 1PH, 120VAC

2. ENGINE

- a. 6 cylinder, water cooled, 1800rpm, diesel engine
- b. Current emission compliant diesel engine
- c. Spin on fuel and oil filters

3. VOLTAGE CHANGE OVER SWITCH AND DISTRIBUTION

- a. Manual 3 position voltage change over switch to select each voltage as specified when the unit is not running
- b. 1ph 120/240, 3ph 120/208, and 3ph 277/480
- c. A camlock connection shall be provided for ease of connection of load leads
- d. Two 50amp, 120/240vac, 1 ph, twist lock receptacle
- e. Two 20amp, 120/240vac, 1ph, duplex GFI receptacle
- f. Each receptacle shall be protected by a individual circuit breaker
- g. A receptacle shall be provided to power both the coolant heater water heater and on board battery charger
- h. Two thumb screw type connection points shall be provided for remote auto start
- i. Camlock connections are required
- j. Cables shall be provided by purchaser

4. CONTROLS

- a. A switch shall be provided in the panel to turn all power off in the panel if not being used
- b. A voltage adjustment shall be provided in the panel to adjust voltage in all voltage positions
- c. A emergency stop push button will be installed
- d. Controls shall provide all operating, monitoring and control functions for the generator set. Controls shall provide for auto start/stop functions.
- e. Solid state, microprocessor based generator controls

5. ENCLOSURE

- a. Keyed alike lockable doors
- b. Flexible exhaust-flex
- c. Companion flanges
- d. Critical grade silencer
- e. Oil and water drain lines shall be provided and extend to the enclosure wall with valves for easy service
- f. Complete diesel engine generator set including control panel, engine starting batteries and fuel tank shall be enclosed in a factory assembled weather protective, sound attenuated enclosure. The sound attenuated enclosure noise level is not to exceed 80dba @ 23 feet.

6. IN BASE FUEL TANK TRAILER

- a. All necessary vents and caps will be provided along with suction, return, and drain points
- b. Low fuel level alarm
- c. Locking fuel cap
- d. A mechanical fuel gauge will be provided
- e. Minimum 8 hour capacity at 75% load rating to determine single wall tank size
- f. Tires will be minimum load range type "D" (8 ply rating) with matching steel rims. Rims are to be finish painted
- g. Trailer will have all necessary safety equipment to include but not be limited to an adjustable and removable pintle hitch, 30 inch safety chains, fenders, lights per DOT, and break away cable.
- h. Trailer will have hydraulic brakes
- i. Trailer will have two rear level jacks with sand shoes and front leveling jack
- j. Standard 7 or 5 pin vehicle hitch receiver to be supplied
- k. Trailer will have dual axles with torque springs to reduce overall height of package
- l. Trailer shall be DOT approved with proper serial number data plate indicating weight capacity minimum of 10,000lbs

7. BATTERY CHARGER

- a. Current limiting battery charger to automatically charge batteries
- b. Battery will be installed in holding container with battery cables
- c. Charger shall be dual charge rate with automatic switching to boost rate when required
- d. Charger mounted inside generator set package
- e. Fully charged battery will be provided at time of delivery and start-up

8. START UP AND COMMISSIONING

- a. One (1) day start-up including operational test of equipment showing proper connection of cables with safety issues performed by a factory trained technician. The start up technician will instruct personnel how to operate and maintain the equipment in accordance with the manufacturer's requirements.
- b. Fuel is by others
- c. During start-up, the technician shall record the following information and provide to owner for his records
- d. Operating Voltage, Hertz, Phase, and connected load (Amperage). [if any]
- e. Package information consisting of Make of generator, Model, Serial number of complete package, and Start-up date.
- f. Written Information consisting of make, model, serial number, and start-up date
- g. Record Engine and Generator Serial numbers

9. CONDITIONS

- a. In addition to equipment specified, each generator shall be equipped with all standard equipment as specified by the manufacturer for this model and shall include but not be limited to the following items:
- b. All product shall be new and of current design
- c. Initial filling of oil and antifreeze. (diesel fuel by others)
- d. One complete set of operation and maintenance manuals
- e. Two (2) year or 1500 hour standard mobile generator warranty will apply. Generator to be transported to authorized servicing dealer for warranty repair during normal business hours.

10. DELIVERY

- a. Net cost includes delivery of equipment to governmental site location
- b. Coordination and offloading of the equipment at the governmental site location will be the responsibility of the purchasing agency.

11. WARRANTY

- a. Does not begin until Authorized Dealer hooks generator up.



NORTH CAROLINA SHERIFFS' ASSOCIATION

150KW MOBILE GENERATOR SPECIFICATION #4

2018 AKSA APD-AT150

The AKSA APD-AT150 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:	\$44,149.00	\$44,149.00	\$44,149.00	\$44,149.00

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VEHICLE:	APD-AT150			
DEALER:	ATLANTIC POWER SOLUTIONS	ATLANTIC POWER SOLUTIONS	ATLANTIC POWER SOLUTIONS	ATLANTIC POWER SOLUTIONS
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$44,149.00	\$44,149.00	\$44,149.00	\$44,149.00

Order Code	Delete Options	All Zones
	Downgrade generator package - 20KW	NA
APD-AT56 ¹	Downgrade generator package - 50KW	(\$13,450.00) ¹
APD-AT65 ¹	Downgrade generator package - 60KW	(\$11,284.00) ¹
APD-AT82 ¹	Downgrade generator package - 70KW	(\$9,773.00) ¹
APD-AT82 ¹	Downgrade generator package - 80KW	(\$9,773.00) ¹
APD-AT100 ¹	Downgrade generator package - 100KW	(\$8,463.00) ¹
	Downgrade generator package - 125KW	NA
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
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Order Code	Add Options	All Zones
APD-AT178 ¹	Upgrade generator package - 175KW	\$2,720.00 ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

150KW MOBILE GENERATOR SPECIFICATION #4

2018 Caterpillar 150KW MOBILE GENERATOR

The Caterpillar 150KW MOBILE GENERATOR 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:	\$64,490.00	\$64,490.00	\$64,490.00	\$64,490.00

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VEHICLE:	150KW MOBILE GENERATOR			
DEALER:	Gregory Poole Equipment Company	Gregory Poole Equipment Company	Gregory Poole Equipment Company	Gregory Poole Equipment Company
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$64,490.00	\$64,490.00	\$64,490.00	\$64,490.00

Order Code	Delete Options	All Zones
XQ35 ¹	Downgrade generator package - 20KW	\$31,850.00 ¹
XQ60 ¹	Downgrade generator package - 50KW <i>60kVA</i> ¹	\$22,210.00 ¹
XQ60 ¹	Downgrade generator package - 60KW <i>60kVA</i> ¹	\$22,210.00 ¹
XQ125 ¹	Downgrade generator package - 70KW	NC ¹
XQ125 ¹	Downgrade generator package - 80KW	NC ¹
XQ125 ¹	Downgrade generator package - 100KW	NC ¹
XQ125 ¹	Downgrade generator package - 125KW	NC ¹
	Optional Equipment - specify	
	Optional Equipment - specify	
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	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
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Order Code	Add Options	All Zones
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VEHICLE:	150KW MOBILE GENERATOR			
DEALER:	Gregory Poole Equipment Company	Gregory Poole Equipment Company	Gregory Poole Equipment Company	Gregory Poole Equipment Company
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$64,490.00	\$64,490.00	\$64,490.00	\$64,490.00

Optional Equipment - specify

Optional Equipment - specify

Optional Equipment - specify



NORTH CAROLINA SHERIFFS' ASSOCIATION

150KW MOBILE GENERATOR SPECIFICATION #4

2018 Doosan G190 WCU-34-T4F

The Doosan G190 WCU-34-T4F 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:	\$85,645.00	\$85,645.00	\$85,645.00	\$85,645.00

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VEHICLE:	G190 WCU-34-T4F			
DEALER:	Clark Equipment Company	Clark Equipment Company	Clark Equipment Company	Clark Equipment Company
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$85,645.00	\$85,645.00	\$85,645.00	\$85,645.00

Order Code	Delete Options	All Zones
G25WDO-T4F ¹	Downgrade generator package - 20KW	\$64,103.00 ¹
G40WDO-T4F ¹	Downgrade generator package - 50KW	\$58,796.00 ¹
G50WDO-T4F ¹	Downgrade generator package - 60KW	\$55,467.00 ¹
G70WCU-T4F ¹	Downgrade generator package - 70KW	\$44,800.00 ¹
	Downgrade generator package - 80KW	
	Downgrade generator package - 100KW	
G125WCU-T4F ¹	Downgrade generator package - 125KW	\$29,867.00 ¹
	Optional Equipment - specify	
	Optional Equipment - specify	
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	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
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	Optional Equipment - specify	

Order Code	Add Options	All Zones
	Upgrade generator package - 175KW	



NORTH CAROLINA SHERIFFS' ASSOCIATION

150KW MOBILE GENERATOR SPECIFICATION #4

2018 Generac MMG175

The Generac MMG175 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:	\$78,571.96	\$78,571.96	\$78,571.96	\$78,571.96

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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:	MMG175			
DEALER:	National Power Corp	National Power Corp	National Power Corp	National Power Corp
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$78,571.96	\$78,571.96	\$78,571.96	\$78,571.96

Optional Equipment - specify	
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Optional Equipment - specify	
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Optional Equipment - specify	
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Optional Equipment - specify	
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Optional Equipment - specify	
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NORTH CAROLINA SHERIFFS' ASSOCIATION

150KW MOBILE GENERATOR SPECIFICATION #4

2018 HIPOWER HRJW-175-T6

The HIPOWER HRJW-175-T6 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:	-- No bid --	-- No bid --	-- No bid --	-- No bid --

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: HRJW-175-T6

DEALER:

ZONE: Appalachia Dogwood Cardinal Longleaf Pine

BASE PRICE: -- No bid -- -- No bid -- -- No bid -- -- No bid --

Order Code	Delete Options	All Zones
	Downgrade generator package - 20KW	
	Downgrade generator package - 50KW	
	Downgrade generator package - 60KW	
	Downgrade generator package - 70KW	
	Downgrade generator package - 80KW	
	Downgrade generator package - 100KW	
	Downgrade generator package - 125KW	
	Optional Equipment - specify	
	Optional Equipment - specify	
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Order Code	Add Options	All Zones
	Upgrade generator package - 175KW	



NORTH CAROLINA SHERIFFS' ASSOCIATION

150KW MOBILE GENERATOR SPECIFICATION #4

2018 Tradewinds TP150

The Tradewinds TP150 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:	\$79,850.00	\$79,850.00	\$79,850.00	\$79,850.00

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:	TP150			
DEALER:	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$79,850.00	\$79,850.00	\$79,850.00	\$79,850.00

Order Code	Delete Options	All Zones
T20-M-NCS ¹	Downgrade generator package - 20KW <i>TIER compliant diesel engine, 120/240 1ph, 120/240-120/208-277/480 3ph, 3 position change over switch, single camlock connection box, 100amp main breaker, 75 gal inbase street legal trailer with hydraulic brakes, 2 inch ball. Unit non-proprietary.</i> ¹	\$30,000.00 ¹
T56-M-NCS ¹	Downgrade generator package - 50KW <i>TIER compliant diesel engine, 120/240 1ph, 120/240-120/208-277/480 3ph, 3 position change over switch, single camlock connection box, 600amp main breaker, 200 gal inbase street legal trailer with hydraulic brakes, 2 inch ball. Unit non-proprietary. (Only available until October 1, 2018)</i> ¹	\$20,178.00 ¹
T60-M-NCS ¹	Downgrade generator package - 60KW <i>TIER compliant diesel engine, 120/240 1ph, 120/240-120/208-277/480 3ph, 3 position change over switch, single camlock connection box, 300amp main breaker, 200 gal inbase street legal trailer with hydraulic brakes, 2 inch ball. Unit non-proprietary.</i> ¹	\$15,291.00 ¹
	Downgrade generator package - 70KW	NA
T80-M-NCS ¹	Downgrade generator package - 80KW <i>TIER compliant diesel engine, 120/240 1ph, 120/240-120/208-277/480 3ph, 3 position change over switch, single camlock connection box, 400amp main breaker, 200 gal inbase street legal trailer with hydraulic brakes, 2 inch ball. Unit non-proprietary. (Only available until October 1, 2018)</i> ¹	\$18,588.00 ¹
T100-M-NCS ¹	Downgrade generator package - 100KW <i>TIER compliant diesel engine, 120/240 1ph, 120/240-120/208-277/480 3ph, 3 position change over switch, single camlock connection box, 400amp main breaker, 200 gal inbase street legal trailer with hydraulic brakes, 2 inch ball. Unit non-proprietary.</i> ¹	\$10,064.00 ¹
	Downgrade generator package - 125KW	NA
T30-M-NCS ¹	Optional Equipment - specify <i>30kwe, TIER compliant, 120/240 1ph, 120/240-120/208-277/480 3ph, 3 position change over switch, single camlock connection box, 150amp main breaker, 80 gal inbase street legal trailer with hydraulic brakes, 2 inch ball. Unit non-proprietary.</i> ¹	\$28,325.00 ¹
T40-M-NCS ¹	Optional Equipment - specify <i>40kwe, TIER compliant, 120/240 1ph, 120/240-120/208-277/480 3ph, 3 position change over switch, single camlock connection box, 150amp main breaker, 80 gal inbase street legal trailer with hydraulic brakes, 2 inch ball. Unit non-proprietary.</i> ¹	\$25,365.00 ¹
TLED-60-NCS ¹	Optional Equipment - specify <i>Net cost adjustment by removing the trailer under the 60kwe and mounting on new aluminum street legal trailer that supports one (1) removable light box that has forklift pockets and the 60kwe generator. This Emergency response trailer light box holds 32 FoxFury Nomad lights Models: Now, Prime, 360, and Transformer. (See TLED32-60-NCS below) Each light consist of a 12 - 24v rechargeable battery which uses factory supplied step down transformer that is prewired into a 32 circuit load center. In addition a standard spider box is provided with a 100 foot cord to plug into the generator set connection points. Final price is determine by add 60kwe to this price.</i> ¹	\$44,663.00 ¹
TLED-30-NCS ¹	Optional Equipment - specify <i>Net cost adjustment by removing the trailer under the 30kwe and mounting on new aluminum street legal trailer that supports one (1) removable light box that has forklift pockets and the 30kwe generator. This Emergency response trailer light box holds 17 FoxFury Nomad lights Models: Now, Prime, 360, and Transformer. (See TLED17-30-NCS below) Each light consist of a 12 - 24v rechargeable battery which uses factory supplied step down transformer that is prewired into a 32 circuit load center. In addition a standard spider box is provided with a 50 foot cord to plug into the generator set connection points. Final price is determine by add 30kwe to this price.</i> ¹	\$52,163.00 ¹
TLED32-60-NCS ¹	Optional Equipment - specify <i>32 FoxFury Nomad LED lights to fit above TLED-60-FS Emergency Response Trailer with 60kwe generator. All lights are rugged, cordless, portable and designed to meet the demands of the first responder. The combination of lights are: 10 of the NOW, 12 of the PRIME, 8 of the 360, and 2 of the TRANSFORMERS.</i> ¹	\$32,850.00 ¹

VEHICLE:	TP150			
DEALER:	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$79,850.00	\$79,850.00	\$79,850.00	\$79,850.00

TLED17-30-NCS ¹	Optional Equipment - specify <i>17 FoxFury Nomad LED lights to fit above TLED-30-FS Emergency Response Trailer with 30kwe generator. All lights are rugged, cordless, portable and designed to meet the demands of the first responder. The combination of lights are: 5 of the NOW, 6 of the PRIME, 4 of the 360, and 2 of the TRANSFORMERS.</i> ¹	\$50,850.00 ¹
T-200CFM-open-NCS ¹	Optional Equipment - specify <i>Net cost deduct to bid price for removing engine/generator and providing engine/compressor package. A street legal trailer will be provided that supports the engine driven compressor of 200cfm @ 120psi with a water separator, 80 gallon diesel fuel tank, 100 gallon water tank and pump, 4 portable LED service lights, 2-3/4" 100ft air hose with reel, 2-1/2" 100ft air hose with reel, 100ft water reel, 1/2" and 3/4" assorted bolt ben, 1 roll up doors keyed alike service doors, a 48" aluminum tool storage box to service steel pipe and different types of plastic pipe.</i> ¹	\$29,000.00 ¹
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
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	Optional Equipment - specify	NA

Order Code	Add Options	All Zones
	Upgrade generator package - 175KW	NA
T200-M-NCS ¹	Upgrade generator package - 200KW <i>TIER compliant diesel engine, 120/240 1ph, 120/240-120/208-277/480 3ph, 3 position change over switch, single camlock connection box, 800amp main breaker, 300 gal inbase street legal trailer with hydraulic brakes, Lunette hitch. Unit non-proprietary.</i> ¹	\$5,605.00 ¹
	Upgrade generator package - 250KW	NA
T300-M-NCS ¹	Upgrade generator package - 300KW <i>TIER compliant diesel engine, 120/240-120/208-277/480 3ph, 3 position change over switch, dual camlock connection box, 1000amp main breaker, 500 gal inbase street legal trailer with hydraulic brakes, Lunette hitch. Unit non-proprietary.</i> ¹	\$73,760.00 ¹

VEHICLE:	TP150			
DEALER:	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$79,850.00	\$79,850.00	\$79,850.00	\$79,850.00

T375-M-NCS ¹	Upgrade generator package - 350KW <i>TIER compliant diesel engine, 120/208-277/480 3ph, 2 position change over switch, single camlock connection box, 1200amp main breaker, 500 gal inbase street legal trailer with hydraulic brakes, Lunette hitch. Unit non-proprietary.</i> ¹	\$78,786.00 ¹
	Upgrade generator package - 400KW	NA
T500-M-NCS ¹	Upgrade generator package to 450KW <i>TIER compliant diesel engine, 120/208-277/480 3ph, 2 position change over switch, single camlock connection box, 2000amp main breaker, 500 gal inbase street legal trailer with hydraulic brakes, Lunette hitch. Unit non-proprietary.</i> ¹	\$105,053.00 ¹
T100PLUG-NCS ¹	Optional Equipment - specify <i>100amp, 3ph, power connector with 30' 600v, SO cable and matching generator connection.</i> ¹	\$3,680.00 ¹
T200PLUG-NCS ¹	Optional Equipment - specify <i>200amp, 3ph, power connector with 30' 600v, SO cable and matching generator connection.</i> ¹	\$4,950.00 ¹
T400PLUG-NCS ¹	Optional Equipment - specify <i>400amp, 3ph, power connector with 10' 600v, SO cable and matching generator connection.</i> ¹	\$9,130.00 ¹
T200CORD-NCS ¹	Optional Equipment - specify <i>200amp, single power cord, 30 feet in length rated for 600v, SO type cable with generator connection (cam lock connector) at one end and bare wire at other end.</i> ¹	\$1,982.00 ¹
T400CORD-NCS ¹	Optional Equipment - specify <i>400amp, single power cord, 30 feet in length rated for 600v, SO type cable with generator connection (cam lock connector) at one end and bare wire at other end.</i> ¹	\$2,480.00 ¹
TLIT-NCS ¹	Optional Equipment - specify <i>Qty. 1, 1500 watt, Halogen telescoping aluminum light mounted to side of portable generator and prewired to load center mounted inside with breaker.</i> ¹	\$971.00 ¹
TILT-1-NCS ¹	Optional Equipment - specify <i>Qty. 2, 1500 watt, Halogen telescoping aluminum light mounted to side of portable generator and prewired to load center mounted inside with breaker.</i> ¹	\$1,934.00 ¹
TILT-2-NCS ¹	Optional Equipment - specify <i>Qty. 4, 1500 watt, Halogen telescoping aluminum light mounted to side of portable generator and prewired to load center mounted inside with breaker.</i> ¹	\$3,733.00 ¹
TILT-5-NCS ¹	Optional Equipment - specify <i>Qty. 2, 1100 Lumen LED Floodlights on one telescoping aluminum pole mounted to side of portable generator and prewired to load center mounted inside with breaker.</i> ¹	\$3,640.00 ¹
TILT-3-NCS ¹	Optional Equipment - specify <i>Qty. 2, 12vdc, internally mounted service lights wired to generator set control panel with 0 - 60 min timer.</i> ¹	\$480.00 ¹
TTRAIL-AUL-NCS ¹	Optional Equipment - specify <i>Aluminum street legal trailer for "Type B" units with 180 gallon removable diesel fuel tank, dual tongue spring axles, hydraulic disk brakes with reverse brake disconnect.</i> ¹	\$6,480.00 ¹
THREEL100-NCS ¹	Optional Equipment - specify <i>12 volt, power rewind cable reel for 5 conductor, 100 amp, 600 Volt, TYPE W cable, 75 foot length. Reel to be used with any above package and includes mounting, wiring of DC motor, and all required.</i> ¹	\$5,984.00 ¹
T80POL-NCS ¹	Optional Equipment - specify <i>80 gallons per hour, 12vdc, fuel polishing system with automatic, 7 day, programmable timer mounted in generator enclosure.</i> ¹	\$2,658.00 ¹
TTRAY-1-NCS ¹	Optional Equipment - specify <i>Aluminum Cable storage tray to include lockable doors and room to hold up to 100 feet of 200amp S/O cord with connector ends. Two (2) in total. Tray fits 40kwe - 100kwe.</i> ¹	\$8,069.00 ¹

VEHICLE:	TP150			
DEALER:	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$79,850.00	\$79,850.00	\$79,850.00	\$79,850.00

TTRAY-2-NCS ¹	Optional Equipment - specify <i>Aluminum Cable storage tray to include lockable doors and room to hold up to 200 feet of 200amp S/o cord with connector ends. Two (2) in total. Tray fits 125kwe - 200kwe.</i> ¹	\$12,840.00 ¹
THREEL200-NCS ¹	Optional Equipment - specify <i>12 volt, power rewind cable reel for 5 conductor, 200 amp, 600 Volt, TYPE W cable, 75 foot length. Reel to be used with any above package and includes mounting, wiring of DC motor, and all required accessories. Does not include cable.</i> ¹	\$9,840.00 ¹
TILT-4-NCS ¹	Optional Equipment - specify <i>Perimeter service flood light, LED, 12vdc, kit of 4 with 60 min shut-off timer.</i> ¹	\$1,476.00 ¹
ALU-48-NCS ¹	Optional Equipment - specify <i>Aluminum storage box 48"L with key lock and shock lift assists.</i> ¹	\$762.00 ¹
COMP-400-NCS ¹	Optional Equipment - specify <i>Compression lug connection box, 400amp phenolic board, latched door with snap action shut off switch.</i> ¹	\$4,889.00 ¹
COMP-800-NCS ¹	Optional Equipment - specify <i>Compression lug connection box, 800amp phenolic board, latched door with snap action shut off switch.</i> ¹	\$7,304.00 ¹
COMP-1200-NCS ¹	Optional Equipment - specify <i>Compression lug connection box, 1200amp phenolic board, latched door with snap action shut off switch.</i> ¹	\$9,437.00 ¹
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA



NORTH CAROLINA SHERIFFS' ASSOCIATION

150KW MOBILE GENERATOR SPECIFICATION #4

2018 Wacker G180

The Wacker G180 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:	-- No bid --	-- No bid --	-- No bid --	-- No bid --

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VEHICLE: G180

DEALER:

ZONE: Appalachia Dogwood Cardinal Longleaf Pine

BASE PRICE: -- No bid -- -- No bid -- -- No bid -- -- No bid --

Order Code	Delete Options	All Zones
	Downgrade generator package - 20KW	
	Downgrade generator package - 50KW	
	Downgrade generator package - 60KW	
	Downgrade generator package - 70KW	
	Downgrade generator package - 80KW	
	Downgrade generator package - 100KW	
	Downgrade generator package - 125KW	
	Optional Equipment - specify	
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Order Code	Add Options	All Zones
	Upgrade generator package - 175KW	



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>500KW STANDBY GENERATOR (Specification #05)</u>			
ATLANTIC POWER SOLUTIONS	2018 AKSA APD-ULV 500	★Appalachia	\$71,145.00
ATLANTIC POWER SOLUTIONS	2018 AKSA APD-ULV 500	★Dogwood	\$71,145.00
ATLANTIC POWER SOLUTIONS	2018 AKSA APD-ULV 500	★Cardinal	\$71,145.00
ATLANTIC POWER SOLUTIONS	2018 AKSA APD-ULV 500	★Longleaf Pine	\$71,145.00
	2018 AKSA APD-ULJ-500	Appalachia	-- NB --
	2018 AKSA APD-ULJ-500	Dogwood	-- NB --
	2018 AKSA APD-ULJ-500	Cardinal	-- NB --
	2018 AKSA APD-ULJ-500	Longleaf Pine	-- NB --
Gregory Poole Equipment Company	2018 Caterpillar 15 ACERT	Appalachia	\$95,020.00
Gregory Poole Equipment Company	2018 Caterpillar 15 ACERT	Dogwood	\$95,020.00
Gregory Poole Equipment Company	2018 Caterpillar 15 ACERT	Cardinal	\$95,020.00
Gregory Poole Equipment Company	2018 Caterpillar 15 ACERT	Longleaf Pine	\$95,020.00
	2018 Doosan 500KW Standby	Appalachia	-- NB --
	2018 Doosan 500KW Standby	Dogwood	-- NB --
	2018 Doosan 500KW Standby	Cardinal	-- NB --
	2018 Doosan 500KW Standby	Longleaf Pine	-- NB --
National Power Corp	2018 Generac SD500	Appalachia	\$89,131.00
National Power Corp	2018 Generac SD500	Dogwood	\$89,131.00
National Power Corp	2018 Generac SD500	Cardinal	\$89,131.00
National Power Corp	2018 Generac SD500	Longleaf Pine	\$89,131.00
	2018 HIPOWER HMW510T6U	Appalachia	-- NB --
	2018 HIPOWER HMW510T6U	Dogwood	-- NB --
	2018 HIPOWER HMW510T6U	Cardinal	-- NB --
	2018 HIPOWER HMW510T6U	Longleaf Pine	-- NB --
Tradewinds Power Corp	2018 Tradewinds TP500	Appalachia	\$110,650.00

Tradewinds Power Corp	2018 Tradewinds TP500	Dogwood	\$110,650.00
Tradewinds Power Corp	2018 Tradewinds TP500	Cardinal	\$110,650.00
Tradewinds Power Corp	2018 Tradewinds TP500	Longleaf Pine	\$110,650.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

500KW STANDBY GENERATOR SPECIFICATION #5

2018 AKSA APD-ULV 500
2018 AKSA APD-ULJ-500
2018 Caterpillar 15 ACERT
2018 Doosan 500KW Standby
2018 Generac SD500
2018 HIPOWER HMW510T6U
2018 Tradewinds TP500

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. GENERATOR REQUIREMENTS

- a. Standby duty rated at 500kwe, 625kva, 0.8 power factor
- b. 480 volts
- c. Voltage options are: 120/240, 120/208 or 277/480 3ph
- d. Directly connected to the engine flywheel housing with a flex coupling
- e. Generator shall meet performance class G3 of IEC
- f. Unit shall be compliance with UL 2200 specifications

2. ENGINE

- a. 6 cylinder, water cooled, 1800rpm, diesel engine
- b. Emission compliant engine to stationary standby regulations
- c. Coolant heater, 1PH, 120VAC

3. CONTROLS

- a. Solid state, microprocessor based generator controls
- b. Controls shall provide all operating, monitoring and control functions for the generator set.
- c. Control panel is NFPA110 Compliant

4. ENCLOSURE/SILENCER

- a. Complete diesel engine generator set including control panel, engine starting batteries and fuel oil tank shall be enclosed in a factory assembled weather protective, sound attenuated enclosure with oil and water drain lines
- b. Critical grade silencer (25DB Reduction)
- c. Companion flanges
- d. Flexible stainless steel exhausts flex

5. FUEL TANKS

- a. Double wall sub-base diesel fuel tank shall be integral to the enclosure
- b. 24 hour capacity at 75% load rating
- c. Rupture basin will be of 110% capacity
- d. Locking fuel caps
- e. All necessary vents and caps will be provided
- f. Mechanical fuel level gauge
- g. Low fuel level alarm contact

- h. Fuel tank rupture basin alarm contact
- i. Must meet UL 142

6. BATTERY CHARGER

- a. Current limiting battery charger to automatically charge batteries
- b. Charger shall be dual charge rate with automatic switching to boost rate when required
- c. Charger shall be mounted on genset package

7. DELIVERY

- a. Net cost includes delivery of equipment to governmental site location
- b. Coordination and offloading of the equipment at the governmental site location will be the responsibility of the purchasing agency.

8. START UP AND COMMISSIONING

- a. Vendor must coordinate all start up and testing activities with the engineer and owner. After installation has been completed, approved by the local electrical inspector, and normal power is available, the vendor will perform a One (1) day start-up including the use of building load. The start up technician will instruct all necessary personnel how to operate and maintain the equipment in accordance to the manufacturer's requirements.
- b. During the start-up, the technician shall record the following information and provide to the owner for his records: Record Operating Voltage, Hz, Ph, and connected load (Amperage); Package Information consisting of Make, Model, Serial number, and Start-up Date; Record Engine and Generator Serial numbers.

9. CONDITIONS

- a. In addition to equipment specified, each generator shall be equipped with all standard equipment as specified by the manufacture for this model and shall include but not be limited to the following necessary items:
- b. Initial filling of oil and antifreeze
- c. One complete set of operation and maintenance manuals
- d. Two (2) years or 1000 hours standard standby generator warranty, whichever occurs first. Labor, materials, and travel for the warranty period repair will be paid by manufacturer during normal business hours.

10. DELIVERY

- a. Net cost includes delivery of equipment to governmental site location
- b. Coordination and offloading of the equipment at the governmental site location will be the responsibility of the purchasing agency.

11. WARRANTY

- a. Does not begin until Authorized Dealer hooks generator up.



NORTH CAROLINA SHERIFFS' ASSOCIATION

500KW STANDBY GENERATOR SPECIFICATION #5

2018 AKSA APD-ULV 500

The AKSA APD-ULV 500 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:	\$71,145.00	\$71,145.00	\$71,145.00	\$71,145.00

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:	APD-ULV 500			
DEALER:	ATLANTIC POWER SOLUTIONS	ATLANTIC POWER SOLUTIONS	ATLANTIC POWER SOLUTIONS	ATLANTIC POWER SOLUTIONS
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$71,145.00	\$71,145.00	\$71,145.00	\$71,145.00

Order Code	Delete Options	All Zones
	Delete generator package to 450kwe	NA
APD-ULV400 ¹	Delete generator package to 400kwe	(\$8,282.00) ¹
APD-ULV350 ¹	Delete generator package to 350kwe	(\$11,053.00) ¹
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
	Optional Equipment - specify	NA
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	Optional Equipment - specify	NA
	Optional Equipment - specify	NA

Order Code	Add Options	All Zones
APD-ULV50 ¹	Upgrade generator package to 550kwe	\$7,954.00 ¹
APD-ULV600 ¹	Upgrade generator package to 600kwe	\$16,205.00 ¹
APD-ULM800 ¹	Upgrade generator package to 750kwe	\$67,034.00 ¹
APD-ULM800 ¹	Upgrade generator package to 800kwe	\$67,034.00 ¹
APD-ULM1000 ¹	Upgrade generator package to 1000kwe	\$98,196.00 ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

500KW STANDBY GENERATOR SPECIFICATION #5

2018 AKSA APD-ULJ-500

The AKSA APD-ULJ-500 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:	-- No bid --	-- No bid --	-- No bid --	-- No bid --

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: APD-ULJ-500
DEALER:
ZONE: Appalachia Dogwood Cardinal Longleaf Pine
BASE PRICE: -- No bid -- -- No bid -- -- No bid -- -- No bid --

Order Code	Delete Options	All Zones
	Delete generator package to 450kwe	
	Delete generator package to 400kwe	
	Delete generator package to 350kwe	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
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Order Code	Add Options	All Zones
	Upgrade generator package to 550kwe	
	Upgrade generator package to 600kwe	
	Upgrade generator package to 750kwe	
	Upgrade generator package to 800kwe	
	Upgrade generator package to 1000kwe	



NORTH CAROLINA SHERIFFS' ASSOCIATION

500KW STANDBY GENERATOR SPECIFICATION #5

2018 Caterpillar 15 ACERT

The Caterpillar 15 ACERT 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:	\$95,020.00	\$95,020.00	\$95,020.00	\$95,020.00

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:	15 ACERT			
DEALER:	Gregory Poole Equipment Company	Gregory Poole Equipment Company	Gregory Poole Equipment Company	Gregory Poole Equipment Company
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$95,020.00	\$95,020.00	\$95,020.00	\$95,020.00

Order Code	Delete Options	All Zones
C15-450kW ¹	Delete generator package to 450kwe	\$4,550.00 ¹
C13-400kW ¹	Delete generator package to 400kwe	\$6,620.00 ¹
C13- 350kW ¹	Delete generator package to 350kwe	\$10,330.00 ¹
Enclosure ¹	Optional Equipment - specify <i>Enclosure Options: SEE DEALER</i> ¹	¹
TANK ¹	Optional Equipment - specify <i>TANK OPTIONS: SEE DEALER</i> ¹	¹
Breaker ¹	Optional Equipment - specify <i>Breaker Options: SEE DEALER</i> ¹	¹
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
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Order Code	Add Options	All Zones
C18-550kW ¹	Upgrade generator package to 550kwe	\$14,270.00 ¹
C18 600kW ¹	Upgrade generator package to 600kwe	\$20,620.00 ¹
C27-750kW ¹	Upgrade generator package to 750kwe	\$84,770.00 ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

500KW STANDBY GENERATOR SPECIFICATION #5

2018 Doosan 500KW Standby

The Doosan 500KW Standby 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:	-- No bid --	-- No bid --	-- No bid --	-- No bid --

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: 500KW Standby

DEALER:

ZONE: Appalachia Dogwood Cardinal Longleaf Pine

BASE PRICE: -- No bid -- -- No bid -- -- No bid -- -- No bid --

Order Code	Delete Options	All Zones
	Delete generator package to 450kwe	
	Delete generator package to 400kwe	
	Delete generator package to 350kwe	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
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Order Code	Add Options	All Zones
	Upgrade generator package to 550kwe	
	Upgrade generator package to 600kwe	
	Upgrade generator package to 750kwe	
	Upgrade generator package to 800kwe	
	Upgrade generator package to 1000kwe	



NORTH CAROLINA SHERIFFS' ASSOCIATION

500KW STANDBY GENERATOR SPECIFICATION #5

2018 Generac SD500

The Generac SD500 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:	\$89,131.00	\$89,131.00	\$89,131.00	\$89,131.00

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:	SD500			
DEALER:	National Power Corp	National Power Corp	National Power Corp	National Power Corp
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$89,131.00	\$89,131.00	\$89,131.00	\$89,131.00

Order Code	Add Options	All Zones
No Bid ¹	Upgrade generator package to 550kwe <i>Generac does not offer a 550kW ¹</i>	NA ¹
SD600 ¹	Upgrade generator package to 600kwe <i>600kW diesel generator set with sound attenuating enclosure, 24 hour fuel base tank, 277/480V, 3 phase ¹</i>	\$35,687.00 ¹
SD750 ¹	Upgrade generator package to 750kwe <i>750kW diesel generator set with sound attenuating enclosure, 24 hour fuel base tank, 277/480V, 3 phase ¹</i>	\$103,516.00 ¹
SD800 ¹	Upgrade generator package to 800kwe <i>800kW diesel generator set with sound attenuating enclosure, 24 hour fuel base tank, 277/480V, 3 phase ¹</i>	\$112,142.00 ¹
SD1000 ¹	Upgrade generator package to 1000kwe <i>1000kW diesel generator set with sound attenuating enclosure, 24 hour fuel base tank, 277/480V, 3 phase ¹</i>	\$157,345.00 ¹
SD1250 ¹	Upgrade generator package to 1250kwe <i>1250kW diesel generator set with sound attenuating enclosure, 24 hour fuel base tank, 277/480V, 3 phase ¹</i>	\$239,590.00 ¹
SD1500 ¹	Upgrade generator package to 1600kwe <i>1600kW rating is not available from Generac. 1500kW diesel generator set with sound attenuating enclosure, 24 hour fuel base tank, 277/480V, 3 phase is priced ¹</i>	\$304,193.00 ¹
SD2000 ¹	Upgrade generator package to 2000kwe <i>2000kW diesel generator set with sound attenuating enclosure, 24 hour fuel base tank, 277/480V, 3 phase ¹</i>	\$413,076.00 ¹
MD1000 ¹	Optional Equipment - specify <i>Generac Gemini modular power system rated 1000kW, 480V.. Consists of 2 500kW generator sets in one sound attenuating enclosure with integrated paralleling. Provides customer with 500kW redundant power. ¹</i>	\$132,463.00 ¹
MD800 ¹	Optional Equipment - specify <i>Generac Gemini modular power system rated 400kW, 480V.. Consists of 2 800kW generator sets each in sound attenuating enclosures with integrated paralleling. Provides customer with 500kW redundant power. ¹</i>	\$87,440.00 ¹
MD1200 ¹	Optional Equipment - specify <i>Generac Gemini modular power system rated 1200kW, 480V.. Consists of 2 600kW generator sets each in sound attenuating enclosures with integrated paralleling. Provides customer with 600kW redundant power. ¹</i>	\$163,616.00 ¹
MD1500 ¹	Optional Equipment - specify <i>Generac Gemini modular power system rated 1000kW, 480V.. Consists of 3 500kW generator sets each in sound attenuating enclosures with integrated paralleling. Provides customer with 1000kW redundant power. ¹</i>	\$183,319.00 ¹
MD1800 ¹	Optional Equipment - specify <i>Generac Gemini modular power system rated 1800kW, 480V.. Consists of 3 500kW generator sets each in sound attenuating enclosures with integrated paralleling. Provides customer with 1200kW redundant power. ¹</i>	\$286,779.00 ¹
MD2000 ¹	Optional Equipment - specify <i>Generac Gemini modular power system rated 2000kW, 480V.. Consists of 4 500kW generator sets each in sound attenuating enclosures with integrated paralleling. Provides customer with 1500kW redundant power. ¹</i>	\$289,197.00 ¹
SB500 ¹	Optional Equipment - specify <i>Generac SB500 Bi-Fuel Generator Set rated at 500kW, 480V. When used with a natural gas supply, the diesel fuel consumption drops by up 70% extending run time on fuel in base tank. ¹</i>	\$37,680.00 ¹
SB600 ¹	Optional Equipment - specify <i>Generac SB600 Bi-Fuel Generator Set rated at 600kW, 480V. When used with a natural gas supply, the diesel fuel consumption drops by up 70% extending run time on fuel in base tank. ¹</i>	\$65,171.00 ¹
	Optional Equipment - specify	
	Optional Equipment - specify	



NORTH CAROLINA SHERIFFS' ASSOCIATION

500KW STANDBY GENERATOR SPECIFICATION #5

2018 HIPOWER HMW510T6U

The HIPOWER HMW510T6U 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:	-- No bid --	-- No bid --	-- No bid --	-- No bid --

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VEHICLE: HMW510T6U

DEALER:

ZONE: Appalachia Dogwood Cardinal Longleaf Pine

BASE PRICE: -- No bid -- -- No bid -- -- No bid -- -- No bid --

Order Code	Delete Options	All Zones
	Delete generator package to 450kwe	
	Delete generator package to 400kwe	
	Delete generator package to 350kwe	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
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Order Code	Add Options	All Zones
	Upgrade generator package to 550kwe	
	Upgrade generator package to 600kwe	
	Upgrade generator package to 750kwe	
	Upgrade generator package to 800kwe	
	Upgrade generator package to 1000kwe	



NORTH CAROLINA SHERIFFS' ASSOCIATION

500KW STANDBY GENERATOR SPECIFICATION #5

2018 Tradewinds TP500

The Tradewinds TP500 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:	\$110,650.00	\$110,650.00	\$110,650.00	\$110,650.00

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NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>500KW MOBILE GENERATOR (Specification #06)</u>			
Gregory Poole Equipment Company	2018 Caterpillar 500 kW (XQ570)	Appalachia	\$269,970.00
Gregory Poole Equipment Company	2018 Caterpillar 500 kW (XQ570)	Dogwood	\$269,970.00
Gregory Poole Equipment Company	2018 Caterpillar 500 kW (XQ570)	Cardinal	\$269,970.00
Gregory Poole Equipment Company	2018 Caterpillar 500 kW (XQ570)	Longleaf Pine	\$269,970.00
	2018 HIPOWER HRMW580T6	Appalachia	-- NB --
	2018 HIPOWER HRMW580T6	Dogwood	-- NB --
	2018 HIPOWER HRMW580T6	Cardinal	-- NB --
	2018 HIPOWER HRMW580T6	Longleaf Pine	-- NB --
	2018 Generac MMG625VTS	Appalachia	-- NB --
	2018 Generac MMG625VTS	Dogwood	-- NB --
	2018 Generac MMG625VTS	Cardinal	-- NB --
	2018 Generac MMG625VTS	Longleaf Pine	-- NB --
Tradewinds Power Corp	2018 Tradewinds TP500	★Appalachia	\$184,903.00
Tradewinds Power Corp	2018 Tradewinds TP500	★Dogwood	\$184,903.00
Tradewinds Power Corp	2018 Tradewinds TP500	★Cardinal	\$184,903.00
Tradewinds Power Corp	2018 Tradewinds TP500	★Longleaf Pine	\$184,903.00
	2018 Wacker 500KW Mobile	Appalachia	-- NB --
	2018 Wacker 500KW Mobile	Dogwood	-- NB --
	2018 Wacker 500KW Mobile	Cardinal	-- NB --
	2018 Wacker 500KW Mobile	Longleaf Pine	-- NB --



NORTH CAROLINA SHERIFFS' ASSOCIATION

500KW MOBILE GENERATOR SPECIFICATION #6

2018 Caterpillar 500 kW (XQ570)
2018 HIPOWER HRMW580T6
2018 Generac MMG625VTS
2018 Tradewinds TP500
2018 Wacker 500KW Mobile

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. GENERATOR REQUIREMENTS

- a. Standby duty rated at 500kwe, 625kva, 0.8 power factor
- b. Prime power duty rating 450kwe, 563kva, 0.8 power factor
- c. Main Breaker shall be equipped with shunt trip
- d. Generator end shall be Direct coupled to the engine flywheel with a flexible coupling
- e. Generator shall meet performance class G3 of IEC

2. ENGINE

- a. 6 cylinder, water cooled, 1800rpm, diesel engine
- b. Current emission compliant diesel engine
- c. Spin on fuel and oil filters
- d. Coolant heater, 1PH, 120VAC
- e. 120vac, 1ph, 60hz input 10 amp, 24vdc, output automatic battery charger
- f. Standard 4D lead acid batteries with battery rack and cables

3. VOLTAGE CHANGE OVER SWITCH AND DISTRIBUTION

- a. Manual 2 position voltage change over switch to select each voltage as specified when the unit is not running
- b. 3ph 120/208, and 3ph 277/480
- c. Load leads shall be attached to the generator using two (2) forms and shall be rated for 2000 amps. Generator will be equipped with both:c-1. Five (5) compression lugs per phase rated for 400 amps each
- d. A 20 amp, 120vac, 1ph, male receptacle shall be provided to power the jacket water heater
- e. A 20 amp, 120vac, 1ph, male receptacle shall be provided to power the battery charger
- f. Two thumb screw type connection points shall be provided for remote auto start

4. CONTROLS

- a. Solid state, microprocessor based generator controls
- b. Controls shall provide all operating, monitoring and control functions for the generator set. Controls shall provide for auto start/stop functions
- c. An emergency stop push button will be installed
- d. A voltage adjustment shall be provided in the panel to adjust voltage in all voltage positions
- e. A switch shall be provided in the panel to turn all power off in the panel if not being used
- f. A front face mounted circuit breaker shall be provided to protect the panel from any D.C. spikes
- g. NFPA 110 Compliant

5. ENCLOSURE

- a. Complete diesel engine generator set including control panel, engine starting batteries and fuel tank shall be enclosed in a factory assembled weather protective, sound attenuated enclosure. The sound attenuated enclosure noise level is not to exceed 80 dba @ 23 feet.
- b. Enclosure shall be constructed from manufacturer standard
- c. Oil and water drain lines shall be provided and extend to the enclosure wall with brass ball valves for easy service
- d. Critical grade silencer (25db reduction)
- e. Companion flanges
- f. Flexible exhaust-flex
- g. Keyed-alike lockable doors

6. IN BASE FUEL TANK TRAILER

- a. Trailer shall be DOT approved with proper serial number data plate indicating weight capacity minimum of 20,000lbs
- b. Trailer will have triple axles with torque springs to reduce overall height of package
- c. Standard 7 pin vehicle wiring connector to be supplied
- d. Trailer will have two rear level jacks with sand shoes and front leveling jack
- e. Trailer will have electric brakes
- f. Trailer will have all necessary safety equipment to include, but not be limited to, an adjustable and removable pintle hitch, 36 inch safety chains, fenders, lights per DOT, and break away cable.
- g. Tires will be minimum load range type "D" (8 ply rating) with matching steel rims. Rims are to be finish painted
- h. Minimum 8 hour capacity at 75% load rating to determine single wall tank size
- i. A mechanical fuel gauge will be provided
- j. Locking fuel cap
- k. Low fuel level alarm
- l. All necessary vents and caps will be provided along with suction, return, and drain points

7. BATTERY CHARGER

- a. Battery will be installed in holding container with battery cables
- b. Current limiting battery charger to automatically charge batteries
- c. Charger shall be dual charge rate with automatic switching to boost rate when required
- d. Charger mounted inside generator set package
- e. Fully charged battery will be provided at time of delivery and start-up
- f. 120 volt shore power connector for battery charger

8. START UP AND COMMISSIONING

- a. One (1) day start-up including operational test of equipment showing proper connection of cables with safety issues performed by a factory trained technician. The start up technician will instruct personnel how to operate and maintain the equipment in accordance with the manufacturer's requirements.
- b. During start-up, the technician shall record the following information and provide to owner for his records:i.Operating Voltage, Hertz, Phase, and connected load (Amperage-if any).ii.Written Information consisting of make, model, serial number, and start-up date.iii.Record Engine and Generator Serial numbers.
- c. Initial filling of oil and antifreeze (diesel fuel by others)

9. CONDITIONS

- a. In addition to equipment specified, each generator shall be equipped with all standard equipment as specified by the manufacturer for this model and shall include, but not be limited to, the following items:
- b. All product shall be new and of current design
- c. One complete set of operation and maintenance manuals
- d. Two (2) years or 1000 hours standard mobile generator warranty will apply, whichever occurs first. Generator to be transported to authorized servicing dealer for warranty repair during normal business hours.

10. DELIVERY

- a. Net cost includes delivery of equipment to governmental site location
- b. Coordination and offloading of the equipment at the governmental site location will be the responsibility of the purchasing agency.

11. WARRANTY

- a. Does not begin until Authorized Dealer hooks generator up.



NORTH CAROLINA SHERIFFS' ASSOCIATION

500KW MOBILE GENERATOR SPECIFICATION #6

2018 Caterpillar 500 kW (XQ570)

The Caterpillar 500 kW (XQ570) 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:	\$269,970.00	\$269,970.00	\$269,970.00	\$269,970.00

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:	500 kW (XQ570)			
DEALER:	Gregory Poole Equipment Company	Gregory Poole Equipment Company	Gregory Poole Equipment Company	Gregory Poole Equipment Company
ZONE:	Appalachia	Dogwood	Cardinal	Lingleaf Pine
BASE PRICE:	\$269,970.00	\$269,970.00	\$269,970.00	\$269,970.00

Order Code	Delete Options	All Zones
	TIER compliant diesel engine, 120/208-277/480 3ph	
	TIER compliant diesel engine, 120/208-277/480 3ph	
	Delete Options - Specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
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	Optional Equipment - specify	
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Order Code	Add Options	All Zones
	TIER compliant diesel engine, 120/208-277/480 3ph	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	



NORTH CAROLINA SHERIFFS' ASSOCIATION

500KW MOBILE GENERATOR SPECIFICATION #6

2018 HIPOWER HRMW580T6

The HIPOWER HRMW580T6 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:	-- No bid --	-- No bid --	-- No bid --	-- No bid --

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: HRMW580T6
DEALER:
ZONE: Appalachia Dogwood Cardinal Longleaf Pine
BASE PRICE: -- No bid -- -- No bid -- -- No bid -- -- No bid --

Order Code	Delete Options	All Zones
	TIER compliant diesel engine, 120/208-277/480 3ph	
	TIER compliant diesel engine, 120/208-277/480 3ph	
	Delete Options - Specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
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Order Code	Add Options	All Zones
	TIER compliant diesel engine, 120/208-277/480 3ph	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	



NORTH CAROLINA SHERIFFS' ASSOCIATION

500KW MOBILE GENERATOR SPECIFICATION #6

2018 Generac MMG625VTS

The Generac MMG625VTS 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:	-- No bid --	-- No bid --	-- No bid --	-- No bid --

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: MMG625VTS
DEALER:
ZONE: Appalachia Dogwood Cardinal Longleaf Pine
BASE PRICE: -- No bid -- -- No bid -- -- No bid -- -- No bid --

Order Code	Delete Options	All Zones
	TIER compliant diesel engine, 120/208-277/480 3ph	
	TIER compliant diesel engine, 120/208-277/480 3ph	
	Delete Options - Specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
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Order Code	Add Options	All Zones
	TIER compliant diesel engine, 120/208-277/480 3ph	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	



NORTH CAROLINA SHERIFFS' ASSOCIATION

500KW MOBILE GENERATOR SPECIFICATION #6

2018 Tradewinds TP500

The Tradewinds TP500 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:	\$184,903.00	\$184,903.00	\$184,903.00	\$184,903.00

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:	TP500			
DEALER:	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$184,903.00	\$184,903.00	\$184,903.00	\$184,903.00

CL40MB-OPP-NCS ¹	Optional Equipment - specify <i>Single Male Connector, 2/0 to 4/0 Camlock Panel Mount, 400Amp/600V Double Set Screw. Price per connector.</i> ¹	\$57.00 ¹
T100PLUG-NCS ¹	Optional Equipment - specify <i>100amp, 3ph, power connector with 30' 600v, SO cable and matching generator connection.</i> ¹	\$3,680.00 ¹
T200PLUG-NCS ¹	Optional Equipment - specify <i>200amp, 3ph, power connector with 30' 600v, SO cable and matching generator connection.</i> ¹	\$4,950.00 ¹
T400PLUG-NCS ¹	Optional Equipment - specify <i>400amp, 3ph, power connector with 10' 600v, SO cable and matching generator connection.</i> ¹	\$9,130.00 ¹
T200CORD-NCS ¹	Optional Equipment - specify <i>200amp, single power cord, 30 feet in length rated for 600v, SO type cable with generator connection (cam lock connector) at one end and bare wire at other end.</i> ¹	\$1,982.00 ¹
T400CORD-NCS ¹	Optional Equipment - specify <i>400amp, single power cord, 30 feet in length rated for 600v, SO type cable with generator connection (cam lock connector) at one end and bare wire at other end.</i> ¹	\$2,480.00 ¹
TLIT-NCS ¹	Optional Equipment - specify <i>Qty. 1, 1500 watt, Halogen telescoping aluminum light mounted to side of portable generator and prewired to load center mounted inside with breaker.</i> ¹	\$1,280.00 ¹
TILT-5-NCS ¹	Optional Equipment - specify <i>Qty. 2, 1100 Lumen LED Floodlights on one telescoping aluminum pole mounted to side of portable generator and prewired to load center mounted inside with breaker.</i> ¹	\$3,640.00 ¹
THREEL100-NCS ¹	Optional Equipment - specify <i>12 volt, power rewind cable reel for 5 conductor, 100 amp, 600 Volt, TYPE W cable, 75 foot length. Reel to be used with any above package and includes mounting, wiring of DC motor, and all required accessories. Does not include cable.</i> ¹	\$5,894.00 ¹
THREEL200-NCS ¹	Optional Equipment - specify <i>12 volt, power rewind cable reel for 5 conductor, 200 amp, 600 Volt, TYPE W cable, 75 foot length. Reel to be used with any above package and includes mounting, wiring of DC motor, and all required accessories. Does not include cable.</i> ¹	\$9,840.00 ¹
T1200-NCS ¹	Optional Equipment - specify <i>TWO (2) TIER compliant diesel engines capable of producing: 120/208, 120/240, or 277/480vac, 3pf, rated for 600kwe standby individually and 1200kwe together. Both generators will parallel and close to a dead bus within a single vertical cabinet consisting of two (2) main breakers and one (1) bus breaker rated for supplied voltage. Main panel will allow for one or both generators to power the load based upon connected load. Buss will be wired outside of ISO container to underside or curbside. A 1000 gallon, double wall steel fuel tank will be provided with an electric fuel pump and day tank controls. Container will also be provided with necessary mufflers, flexes, fuel lines, internal lighting, and stairs. Total unit will be mounted in a 40 ISO container with a street legal trailer and have all of the necessary</i> ¹	\$49,856.00 ¹
ALU-OVER-NCS ¹	Optional Equipment - specify <i>Oversized (gold wing) aluminum cable storage box with keyed alike doors and capable of holding 2,000 feet of 4/0 welding cable with ends.</i> ¹	\$3,800.00 ¹
COMP-400-NCS ¹	Optional Equipment - specify <i>Compression lug connection box, 400amp phenolic board, latched door with snap action shut off switch.</i> ¹	\$4,889.00 ¹
COMP-800-NCS ¹	Optional Equipment - specify <i>Compression lug connection box, 800amp phenolic board, latched door with snap action shut off switch.</i> ¹	\$7,304.00 ¹
COMP-1200-NCS ¹	Optional Equipment - specify <i>Compression lug connection box, 1200amp phenolic board, latched door with snap action shut off switch.</i> ¹	\$9,437.00 ¹
COMP-2000-NCS ¹	Optional Equipment - specify <i>Compression lug connection box, 2000amp phenolic board, latched door with snap action shut off switch.</i> ¹	\$12,480.00 ¹

VEHICLE:	TP500			
DEALER:	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$184,903.00	\$184,903.00	\$184,903.00	\$184,903.00

COV-NCS ¹	Optional Equipment - specify <i>Aluminum cover for power connectors. Gas spring lid with snap action limit switch to shut unit off if open, rodent prevention brush, with a lockable latch.</i> ¹	\$3,507.00 ¹
W-4001-OPP-NCS ¹	Optional Equipment - specify <i>Flexible Power Cable, 4/0, 1 Conductor, 600/2000V, 90 C, 400amp. Price Per Foot.</i> ¹	\$22.00 ¹
TBREAKER-NCS ¹	Optional Equipment - specify <i>Upgrade generator circuit breaker to 240vac, 3ph system.</i> ¹	\$7,800.00 ¹
TBREAKER2-NCS ¹	Optional Equipment - specify <i>Upgrade generator circuit breaker to 100% rated breaker with shunt trip added.</i> ¹	\$12,840.00 ¹
TISO-20-NCS ¹	Optional Equipment - specify <i>Upgrade generator enclosure to 20' ISO shipping container. Price includes modification to container, installation of generator into container, muffler, flex, day tank, and fuel piping.</i> ¹	\$8,550.00 ¹
TISO-40-NCS ¹	Optional Equipment - specify <i>Upgrade generator enclosure to 40' ISO shipping container. Price includes modification to container, installation of generator into container, muffler, flex, day tank, and fuel piping.</i> ¹	\$14,800.00 ¹
TSCADA-NCS ¹	Optional Equipment - specify <i>Upgrade generator control panel to include but not limited to customer specified interface points. Price includes each point being wired to a terminal strip that customer can connect to and transmit condition.</i> ¹	\$6,845.00 ¹
TISO-Trailer-NCS ¹	Optional Equipment - specify <i>Provide 20' or 40' ISO container trailer to transport either 20' or 40' ISO generator container above. Trailers will be of refurbished but new condition.</i> ¹	\$6,850.00 ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

500KW MOBILE GENERATOR SPECIFICATION #6

2018 Wacker 500KW Mobile

The Wacker 500KW Mobile 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:	-- No bid --	-- No bid --	-- No bid --	-- No bid --

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NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>600 AMP AUTOMATIC TRANSFER SWITCH (Specification #07)</u>			
ATLANTIC POWER SOLUTIONS	2018 ASCO AC600	★Appalachia	\$4,166.56
ATLANTIC POWER SOLUTIONS	2018 ASCO AC600	★Dogwood	\$4,166.56
ATLANTIC POWER SOLUTIONS	2018 ASCO AC600	★Cardinal	\$4,166.56
ATLANTIC POWER SOLUTIONS	2018 ASCO AC600	★Longleaf Pine	\$4,166.56
Gregory Poole Equipment Company	2018 Caterpillar CTG Series	Appalachia	\$5,470.00
Gregory Poole Equipment Company	2018 Caterpillar CTG Series	Dogwood	\$5,470.00
Gregory Poole Equipment Company	2018 Caterpillar CTG Series	Cardinal	\$5,470.00
Gregory Poole Equipment Company	2018 Caterpillar CTG Series	Longleaf Pine	\$5,470.00
National Power Corp	2018 Generac GTS060N	Appalachia	\$6,143.00
National Power Corp	2018 Generac GTS060N	Dogwood	\$6,143.00
National Power Corp	2018 Generac GTS060N	Cardinal	\$6,143.00
National Power Corp	2018 Generac GTS060N	Longleaf Pine	\$6,143.00
Tradewinds Power Corp	2018 Tradewinds TT600	Appalachia	\$5,492.00
Tradewinds Power Corp	2018 Tradewinds TT600	Dogwood	\$5,492.00
Tradewinds Power Corp	2018 Tradewinds TT600	Cardinal	\$5,492.00
Tradewinds Power Corp	2018 Tradewinds TT600	Longleaf Pine	\$5,492.00



NORTH CAROLINA SHERIFFS' ASSOCIATION

600 AMP AUTOMATIC TRANSFER SWITCH SPECIFICATION #7

2018 ASCO AC600
2018 Caterpillar CTG Series
2018 Generac GTS060N
2018 Tradewinds TT600

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. AUTOMATIC TRANSFER SWITCH

- a. Maximum voltage rating of 600Vac, 60hz
- b. 1ph or 3ph
- c. Open transition (break-before-make) transfer logic
- d. Transfer switch must meet the related industry standards
- e. UL 1008 - Automatic transfer switches for use in emergency systems
- f. CSA - Automatic transfer switches
- g. NEMA - Industrial control and systems AC transfer switch equipment
- h. IEC - Automatic transfer switching equipment

2. RATING

- a. 600 amp, 3 pole, 277/480vac, 60hz
- b. Enclosure type: NEMA 3r

3. FUNCTIONAL

- a. The automatic transfer switch shall automatically transfer the load to the generator supply in the event of a utility supply failure and return the load to the utility supply upon restoration. The automatic transfer switch power switching devices shall be mechanically and electrically interlocked to prevent the utility and generator supplies from being interconnected
- b. All timers should be field adjustable to ensure proper field site compatibility

4. AUTOMATIC SEQUENCE OF OPERATION

- a. When the voltage on any phase of the utility supply is below present levels of rated voltage for a preset time delay, a contact shall close to initiate start of the standby generator.
- b. The load shall transfer to the generator supply when the generator voltage and frequency have reached acceptable present levels and the warm-up time delay has expired.
- c. When the utility supply is restored to the above present levels of rated voltage on all phases, load transfer from generator to utility supply shall be initiated following expiry of the utility return timer.
- d. Once the transfer mechanism operates and opens the generator power switching device, the transfer mechanism shall stop in the neutral position (i.e. with the both power switching devices open) for the duration of the neutral delay timer setting to allow load voltage to decay prior to reconnecting the utility supply.
- e. The load shall be re-connected to the utility supply once the neutral delay timer expires and the transfer mechanism continues operation and closes the utility power switching device.
- f. The load shall immediately retransfer to the utility supply (if within acceptable limits) should the generator supply fail prior to the expiry of the utility transfer delay.
- g. The generator set shall continue to operate following a load transfer for a cool down delay period, and then a contact shall open to stop the generator set.

- h. An "on load" test mode may be initiated which shall cause a simulated utility failure condition and transfer the load to the generator set. The transfer sequence shall be the same as for a utility power failure except a neutral delay sequence shall occur when transferring from utility to a generator source.
- i. The load shall immediately retransfer to the utility supply (if within acceptable limits) should the generator supply fail during an "on load" test mode.

5. FACTORY TESTING

- a. A certified factory test report shall be shipped with each switch at time of shipment
- b. The automatic transfer switch shall be factory tested prior to delivery to the purchaser. The following test shall be conducted by qualified factory personnel: Visual Inspection, Mechanical Tests, Electrical Tests, Final Inspection

6. FIELD TESTING AND COMMISSIONING

- a. The automatic transfer switch shall be field tested once installed at the project site to confirm proper operation of the system. Schedule and witness testing activities shall be coordinated with the project engineer, site contractor, and owner as required in advance of the testing date. A qualified local factory-trained field representative shall conduct the necessary test to ensure proper operation of the switch
- b. Visual Inspection: Electrical and Mechanical inspection to verify the installation is correct as recommended by the transfer switch manufacturer and as per National Electric Code (NEC) requirements.
- c. Mechanical Tests: As a minimum, the following mechanical tests shall be performed on the transfer switch
- d. Power conductor torque verification
- e. Verification of mechanical interlock
- f. Manual ATS Mechanism Operation
- g. All Mechanical Fasteners/Wire Connections Tight
- h. Confirmations of correct transfer switch voltage, current and withstand ratings as is required for the application
- i. Meggar testing the power cabling to the transfer switch
- j. Verification of correct power cabling phasing and phase rotation prior to energization
- k. Confirmation of settings for all timers & voltages sensors
- l. Full Function test-normal operation – 3 complete cycles of failing the utility supply, and transfer load to/from the generator set.
- m. Verification of all test modes operates correctly

7. CONDITIONS

- a. In addition to equipment specified, each automatic transfer switch shall be equipped with all necessary equipment as specified by the manufacturer for this model and shall include but not be limited to the following necessary items:
- b. Shrink Wrap applied to the product to ensure a clean finish
- c. One complete set of operation and maintenance manuals
- d. A two (2) year or 1500 hour from date of standard standby warranty will apply from date of successful start-up. Labor, materials, and travel for the warranty period repair will be paid by manufacturer during normal business hours.



NORTH CAROLINA SHERIFFS' ASSOCIATION

600 AMP AUTOMATIC TRANSFER SWITCH SPECIFICATION #7

2018 ASCO AC600

The ASCO AC600 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:	\$4,166.56	\$4,166.56	\$4,166.56	\$4,166.56

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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:	AC600			
DEALER:	ATLANTIC POWER SOLUTIONS	ATLANTIC POWER SOLUTIONS	ATLANTIC POWER SOLUTIONS	ATLANTIC POWER SOLUTIONS
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$4,166.56	\$4,166.56	\$4,166.56	\$4,166.56

Order Code	Delete Options	All Zones
	Downgrade to 100 amps - 277/480vac, 3ph, 60hz, NEMA 3r <i>104A</i> ¹	\$2,852.27 ¹
	Downgrade to 150 amps - 277/480vac, 3ph, 60hz, NEMA 3r	\$2,746.34
	Downgrade to 200 amps - 277/480vac, 3ph, 60hz, NEMA 3r	\$2,560.15
	Downgrade to 250 amps - 277/480vac, 3ph, 60hz, NEMA 3r <i>260A</i> ¹	\$2,218.75 ¹
	Downgrade to 400 amps - 277/480vac, 3ph, 60hz, NEMA 3r	\$1,846.38
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
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Order Code	Add Options	All Zones
	Upgrade to 800 amps 277/480vac, 3ph, NEMA 3r	\$589.52
	Upgrade to 1000 amps 277/480vac, 3ph, NEMA 3r	\$2,203.66



NORTH CAROLINA SHERIFFS' ASSOCIATION

600 AMP AUTOMATIC TRANSFER SWITCH SPECIFICATION #7

2018 Caterpillar CTG Series

The Caterpillar CTG 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:	\$5,470.00	\$5,470.00	\$5,470.00	\$5,470.00

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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:	CTG Series			
DEALER:	Gregory Poole Equipment Company	Gregory Poole Equipment Company	Gregory Poole Equipment Company	Gregory Poole Equipment Company
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$5,470.00	\$5,470.00	\$5,470.00	\$5,470.00

Order Code	Add Options	All Zones
CTG 800A OT ¹	Upgrade to 800 amps 277/480vac, 3ph, NEMA 3r <i>CTG 800AMP 3POLE NEAM 3R Open Trans.</i> ¹	\$700.00 ¹
CTG 1000A OT ¹	Upgrade to 1000 amps 277/480vac, 3ph, NEMA 3r <i>CTG 1000AMP 3POLE NEAM 3R Open Trans.</i> ¹	\$1,770.00 ¹
CTG 1200A OT ¹	Upgrade to 1200 amps 277/480vac, 3ph, NEMA 3r <i>CTG 1200AMP 3POLE NEAM 3R Open Trans.</i> ¹	\$2,440.00 ¹
CTG 1600A OT ¹	Upgrade to 1600 amps 277/480vac, 3ph, NEMA 3r <i>CTG 1600AMP 3POLE NEAM 3R Open Trans.</i> ¹	\$8,220.00 ¹
CTG 2000A OT ¹	Upgrade to 2000 amps 277/480vac, 3ph, NEMA 3r <i>CTG 2000AMP 3POLE NEAM 3R Open Trans.</i> ¹	\$9,160.00 ¹
CTG 2500A OT ¹	Upgrade to 2500 amps 277/480vac, 3ph, NEMA 3r <i>CTG 2500AMP 3POLE NEAM 3R Open Trans.</i> ¹	\$14,820.00 ¹
CTG 3000A OT ¹	Upgrade to 3000 amps 277/480vac, 3ph, NEMA 3r <i>CTG 3000AMP 3POLE NEAM 3R Open Trans.</i> ¹	\$18,640.00 ¹
CTG 4000A OT ¹	Upgrade to 4000 amps 277/480vac, 3ph, NEMA 3r <i>CTG 4000AMP 3POLE NEAM 3R Open Trans.</i> ¹	\$37,600.00 ¹
Enclosures ¹	Optional Equipment - specify <i>Upgrade Enclosures to Nema 12 , 4X SEE DEALER</i> ¹	1
Pole ¹	Optional Equipment - specify <i>Change to 4 Pole Design: SEE DEALER</i> ¹	1
SER RATING ¹	Optional Equipment - specify <i>Change unit to SERVICE ENTRANCE RATED: SEE DEALER</i> ¹	1
POWER METER ¹	Optional Equipment - specify <i>Include a Power Meter wired to Load Side of ATS: SEE DEALER</i> ¹	1
Additional Contacts ¹	Optional Equipment - specify <i>SEE DEALER</i> ¹	1
Controller Upgrade ¹	Optional Equipment - specify <i>Upgrade Controller to MX 250 or 350. SEE DEALER</i> ¹	1
ASCO ATS ¹	Optional Equipment - specify <i>ASCO ATS SEE DEALER</i> ¹	1
RUSS ELECTRIC ¹	Optional Equipment - specify <i>RUSSELECTRIC ATS: SEE DEALER</i> ¹	1
SWITCHGEAR ¹	Optional Equipment - specify <i>ALL OPTIONS ON CUSTOM SWITCHGEAR: SEE DEALER</i> ¹	1
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	



NORTH CAROLINA SHERIFFS' ASSOCIATION

600 AMP AUTOMATIC TRANSFER SWITCH SPECIFICATION #7

2018 Generac GTS060N

The Generac GTS060N 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:	\$6,143.00	\$6,143.00	\$6,143.00	\$6,143.00

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:	GTS060N			
DEALER:	National Power Corp	National Power Corp	National Power Corp	National Power Corp
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$6,143.00	\$6,143.00	\$6,143.00	\$6,143.00

Order Code	Delete Options	All Zones
GTS010W-3K ¹	Downgrade to 100 amps - 277/480vac, 3ph, 60hz, NEMA 3r <i>Generac GTS 100 amps - 277/480V, 3ph, 60HZ, 3 poles in NEMA 3R enclosure</i> ¹	(\$3,463.00) ¹
GTS015W-3K ¹	Downgrade to 150 amps - 277/480vac, 3ph, 60hz, NEMA 3r <i>Generac GTS 150 amps - 277/480V, 3ph, 60HZ, 3 poles in NEMA 3R enclosure</i> ¹	(\$3,291.00) ¹
GTS020W-3K ¹	Downgrade to 200 amps - 277/480vac, 3ph, 60hz, NEMA 3r <i>Generac GTS 200 amps - 277/480V, 3ph, 60HZ, 3 poles in NEMA 3R enclosure</i> ¹	(\$3,072.00) ¹
GTS030W-3K ¹	Downgrade to 250 amps - 277/480vac, 3ph, 60hz, NEMA 3r <i>Generac GTS 300 amps - 277/480V, 3ph, 60HZ, 3 poles in NEMA 3R enclosure</i> ¹	(\$2,636.00) ¹
GTS040W-3K ¹	Downgrade to 400 amps - 277/480vac, 3ph, 60hz, NEMA 3r <i>Generac GTS 400 amps - 277/480V, 3ph, 60HZ, 3 poles in NEMA 3R enclosure</i> ¹	(\$2,137.00) ¹
GTS010W-3K-A ¹	Optional Equipment - specify <i>Generac GTS 100 amps - 277/480V, 3ph, 60HZ, 3 poles in NEMA 1 enclosure</i> ¹	(\$3,642.00) ¹
GTS015W-3K-A ¹	Optional Equipment - specify <i>Generac GTS 150 amps - 277/480V, 3ph, 60HZ, 3 poles in NEMA 1 enclosure</i> ¹	(\$3,470.00) ¹
GTS020W-3K-A ¹	Optional Equipment - specify <i>Generac GTS 200 amps - 277/480V, 3ph, 60HZ, 3 poles in NEMA 1 enclosure</i> ¹	(\$3,250.00) ¹
GTS030W-3K-A ¹	Optional Equipment - specify <i>Generac GTS 300 amps - 277/480V, 3ph, 60HZ, 3 poles in NEMA 1 enclosure</i> ¹	(\$2,815.00) ¹
GTS040W-3K-A ¹	Optional Equipment - specify <i>Generac GTS 400 amps - 277/480V, 3ph, 60HZ, 3 poles in NEMA 1 enclosure</i> ¹	(\$2,316.00) ¹
GTS060N-3K-A ¹	Optional Equipment - specify <i>Generac GTS 600 amps - 277/480V, 3ph, 60HZ, 3 poles in NEMA 1 enclosure</i> ¹	(\$179.00) ¹
GTS080N-3K-A ¹	Optional Equipment - specify <i>Generac GTS 800 amps - 277/480V, 3ph, 60HZ, 3 poles in NEMA 1 enclosure</i> ¹	\$399.00 ¹
GTS100N-3K-A ¹	Optional Equipment - specify <i>Generac GTS 1000 amps - 277/480V, 3ph, 60HZ, 3 poles in NEMA 1 enclosure</i> ¹	\$2,332.00 ¹
GTS120N-3K-A ¹	Optional Equipment - specify <i>Generac GTS 1200 amps - 277/480V, 3ph, 60HZ, 3 poles in NEMA 1 enclosure</i> ¹	\$4,641.00 ¹
GTS160N-3K-A ¹	Optional Equipment - specify <i>Generac GTS 1600 amps - 277/480V, 3ph, 60HZ, 3 poles in NEMA 1 enclosure</i> ¹	\$7,759.00 ¹
GTS200N-3K-A ¹	Optional Equipment - specify <i>Generac GTS 2000 amps - 277/480V, 3ph, 60HZ, 3 poles in NEMA 1 enclosure</i> ¹	\$8,774.00 ¹
GTS260N-3K-A ¹	Optional Equipment - specify <i>Generac GTS 2600 amps - 277/480V, 3ph, 60HZ, 3 poles in NEMA 1 enclosure</i> ¹	\$13,081.00 ¹
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	



NORTH CAROLINA SHERIFFS' ASSOCIATION

600 AMP AUTOMATIC TRANSFER SWITCH SPECIFICATION #7

2018 Tradewinds TT600

The Tradewinds TT600 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:	\$5,492.00	\$5,492.00	\$5,492.00	\$5,492.00

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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:	TT600			
DEALER:	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$5,492.00	\$5,492.00	\$5,492.00	\$5,492.00

Order Code	Delete Options	All Zones
TT87100-NCS ¹	Downgrade to 100 amps - 277/480vac, 3ph, 60hz, NEMA 3r <i>277/480vac, 3ph, 60hz, NEMA 3r¹</i>	\$3,047.00 ¹
TT87150-NCS ¹	Downgrade to 150 amps - 277/480vac, 3ph, 60hz, NEMA 3r <i>277/480vac, 3ph, 60hz, NEMA 3r¹</i>	\$2,858.00 ¹
TT87200-NCS ¹	Downgrade to 200 amps - 277/480vac, 3ph, 60hz, NEMA 3r <i>277/480vac, 3ph, 60hz, NEMA 3r¹</i>	\$2,648.00 ¹
TT87250-NCS ¹	Downgrade to 250 amps - 277/480vac, 3ph, 60hz, NEMA 3r <i>277/480vac, 3ph, 60hz, NEMA 3r¹</i>	\$2,044.00 ¹
TT9400-NCS ¹	Downgrade to 400 amps - 277/480vac, 3ph, 60hz, NEMA 3r <i>277/480vac, 3ph, 60hz, NEMA 3r¹</i>	\$1,204.00 ¹
TT9100-NCS ¹	Optional Equipment - specify <i>100amp, 120/240vac, 3ph, 60hz, NEMA 3r¹</i>	\$4,301.00 ¹
TT9200-NCS ¹	Optional Equipment - specify <i>200amp, 120/240vac, 3ph, 60hz, NEMA 3r¹</i>	\$3,997.00 ¹
TT9400-NCS ¹	Optional Equipment - specify <i>400amp, 120/240vac, 3ph, 60hz, NEMA 3r¹</i>	\$2,624.00 ¹
IT100-150-NCS ¹	Optional Equipment - specify <i>100-150amp, 1 or 3 ph, Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away, pour pad, set and install generator, and transfer switch. Cost per amp.¹</i>	\$5,372.00 ¹
IT151-300-NCS ¹	Optional Equipment - specify <i>151-300amp, 1 or 3 ph, Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away, pour pad, set and install generator, and transfer switch. Cost per amp.¹</i>	\$5,392.00 ¹
IT301-600-NCS ¹	Optional Equipment - specify <i>301-600amp, 1 or 3 ph, Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away, pour pad, set and install generator, and transfer switch. Cost per amp.¹</i>	\$5,397.00 ¹
IT601-1000-NCS ¹	Optional Equipment - specify <i>601-1000amp, 1 or 3 ph, Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away, pour pad, set and install generator, and transfer switch. Cost per amp.¹</i>	\$5,407.00 ¹
IT1001-4000-NCS ¹	Optional Equipment - specify <i>1001-4000amp, 1 or 3 ph, Installation of transfer switch, mounted up to 15 feet away from main power source. Installation of generator power not to exceed 50 feet away, pour pad, set and install generator and transfer switch. Cost per amp.¹</i>	\$5,417.00 ¹
TT87SE-100-NCS ¹	Optional Equipment - specify <i>100amp, Service Entrance Rated, 2 or 3 pole, 208 or 240 or 480vac, NEMA 3r enclosure.¹</i>	\$2,009.00 ¹
TT87SE-150-NCS ¹	Optional Equipment - specify <i>150amp, Service Entrance Rated, 2 or 3 pole, 208 or 240 or 480vac, NEMA 3r enclosure.¹</i>	\$1,919.00 ¹
TT87SE-200-NCS ¹	Optional Equipment - specify <i>200amp, Service Entrance Rated, 2 or 3 pole, 208 or 240 or 480vac, NEMA 3r enclosure.¹</i>	\$1,674.00 ¹
TT87SE-250-NCS ¹	Optional Equipment - specify <i>250amp, Service Entrance Rated, 2 or 3 pole, 208 or 240 or 480vac, NEMA 3r enclosure.¹</i>	\$1,339.00 ¹

VEHICLE:	TT600			
DEALER:	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$5,492.00	\$5,492.00	\$5,492.00	\$5,492.00

TT87SE-400-NCS ¹	Optional Equipment - specify 400amp, Service Entrance Rated, 2 or 3 pole, 208 or 240 or 480vac, NEMA 3r enclosure. ¹	\$362.00 ¹
TT87SS-100-200-NCS ¹	Optional Equipment - specify Upgrade 100 - 200amp, Double Door Enclosure to NEMA 4x, 316 Stainless Steel. ¹	\$2,597.00 ¹
TT87SS-250-NCS ¹	Optional Equipment - specify Upgrade 250amp, Double Door Enclosure to NEMA 4x, 316 Stainless Steel. ¹	\$1,772.00 ¹
TT87SS-400-600-NCS ¹	Optional Equipment - specify Upgrade 400 - 600amp, Double Door Enclosure to NEMA 4x, 316 Stainless Steel. ¹	\$562.00 ¹
TT9100-SE-NCS ¹	Optional Equipment - specify 100amp, 120/240vac, 3ph, 60hz, Service Entrance Rated, NEMA 3r Aluminum weather enclosure. ¹	\$3,831.00 ¹
TT9200-SE-NCS ¹	Optional Equipment - specify 200amp, 120/240vac, 3ph, 60hz, Service Entrance Rated, NEMA 3r Aluminum weather enclosure. ¹	\$3,148.00 ¹
TT9400-SE-NCS ¹	Optional Equipment - specify 400amp, 120/240vac, 3ph, 60hz, Service Entrance Rated, NEMA 3r Aluminum weather enclosure. ¹	\$709.00 ¹
TT4-6-FM-NCS ¹	Optional Equipment - specify Upgrade 600 and 800 amp Double Door switch to floor mounted type. ¹	\$2,992.00 ¹
TT4-6-ED-NCS ¹	Optional Equipment - specify Upgrade 400 - 600 amp switches with extended depth. ¹	\$3,187.00 ¹
TT16-30-EC-NCS ¹	Optional Equipment - specify Upgrade 1600 - 3000 amp switches with extended depth. ¹	\$4,381.00 ¹
TT16-40-SA-NCS ¹	Optional Equipment - specify Upgrade 1600 - 4000 amp switches for side access. ¹	\$4,502.00 ¹
TT1-2-SS-NCS ¹	Optional Equipment - specify Upgrade 100 - 2000 amp switches for electrical surge suppression. ¹	\$3,889.00 ¹
TT25-40-SS-NCS ¹	Optional Equipment - specify Upgrade 2500 - 4000 amp switches for electrical surge suppression. ¹	\$3,479.00 ¹

Order Code	Add Options	All Zones
TT87800-NCS ¹	Upgrade to 800 amps 277/480vac, 3ph, NEMA 3r 277/480vac, 3ph, NEMA 3r ¹	\$1,895.00 ¹
TT871000-NCS ¹	Upgrade to 1000 amps 277/480vac, 3ph, NEMA 3r 277/480vac, 3ph, NEMA 3r ¹	\$4,886.00 ¹
TT871200-NCS ¹	Upgrade to 1200 amps 277/480vac, 3ph, NEMA 3r 277/480vac, 3ph, NEMA 3r ¹	\$6,475.00 ¹
TT881600-NCS ¹	Upgrade to 1600 amps 277/480vac, 3ph, NEMA 3r 277/480vac, 3ph, NEMA 3r ¹	\$17,996.00 ¹
TT882000-NCS ¹	Upgrade to 2000 amps 277/480vac, 3ph, NEMA 3r 277/480vac, 3ph, NEMA 3r ¹	\$20,932.00 ¹
TT882500-NCS ¹	Upgrade to 2500 amps 277/480vac, 3ph, NEMA 3r 277/480vac, 3ph, NEMA 3r ¹	\$28,026.00 ¹
TT883000-NCS ¹	Upgrade to 3000 amps 277/480vac, 3ph, NEMA 3r 277/480vac, 3ph, NEMA 3r ¹	\$34,118.00 ¹

VEHICLE:	TT600			
DEALER:	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$5,492.00	\$5,492.00	\$5,492.00	\$5,492.00

TT884000-NCS ¹	Upgrade to 4000 amps 277/480vac, 3ph, NEMA 3r <i>277/480vac, 3ph, NEMA 3r¹</i>	\$53,363.00 ¹
TPC-TMINI5-NCS ¹	Optional Equipment - specify <i>5Kva Mini Power Zone rated for 480vac input, 120/240vac output. Mounted in NEMA 4x enclosure with 10 1 pole or 5 2 pole breakers. Mounted and installed at site.¹</i>	\$12,880.00 ¹
TT87SE-600-NCS ¹	Optional Equipment - specify <i>600amp, Service Entrance Rated, 2 or 3 pole, 208 or 240 or 480vac, NEMA 3r¹</i>	\$2,151.00 ¹
TT87SE-800-NCS ¹	Optional Equipment - specify <i>800amp, Service Entrance Rated, 2 or 3 pole, 208 or 240 or 480vac, NEMA 3r¹</i>	\$3,249.00 ¹
TT87SE-1000-NCS ¹	Optional Equipment - specify <i>1000amp, Service Entrance Rated, 2 or 3 pole, 208 or 240 or 480vac, NEMA 3r¹</i>	\$8,704.00 ¹
TT87SE-1200-NCS ¹	Optional Equipment - specify <i>1200amp, Service Entrance Rated, 2 or 3 pole, 208 or 240 or 480vac, NEMA 3r.¹</i>	\$9,489.00 ¹
TT88SE-1600-NCS ¹	Optional Equipment - specify <i>1600amp, Service Entrance Rated, 2 or 3 pole, 208 or 240 or 480vac, NEMA 3r.¹</i>	\$20,700.00 ¹
TT88SE-2000-NCS ¹	Optional Equipment - specify <i>2000amp, Service Entrance Rated, 2 or 3 pole, 208 or 240 or 480vac, NEMA 3r.¹</i>	\$22,601.00 ¹
TT88SE-2500-NCS ¹	Optional Equipment - specify <i>2500amp, Service Entrance Rated, 2 or 3 pole, 208 or 240 or 480vac, NEMA 3r.¹</i>	\$31,659.00 ¹
TT88SE-3000-NCS ¹	Optional Equipment - specify <i>3000amp, Service Entrance Rated, 2 or 3 pole, 208 or 240 or 480vac, NEMA 3r.¹</i>	\$36,620.00 ¹
TT88SE-4000-NCS ¹	Optional Equipment - specify <i>4000amp, Service Entrance Rated, 2 or 3 pole, 208 or 240 or 480vac, NEMA 3r.¹</i>	\$56,117.00 ¹
TT87SS-800-NCS ¹	Optional Equipment - specify <i>Upgrade 800 amp, NEMA 3R-SS, Double Door, 316 Stainless Steel.¹</i>	\$99.00 ¹
TT88SS-1000-1200-NCS ¹	Optional Equipment - specify <i>Upgrade 1000 - 1200 amp, NEMA 3R-SS, Double Door, 316 Stainless Steel.¹</i>	\$1,274.00 ¹
TT88SS-1600-2000-NCS ¹	Optional Equipment - specify <i>Upgrade 1600 - 2000 amp, NEMA 3R-SS, Double Door, 316 Stainless Steel.¹</i>	\$6,966.00 ¹
TT88SS-2500-3000-NCS ¹	Optional Equipment - specify <i>Upgrade 2500 - 3000 amp, NEMA 3R-SS, Double Door, 316 Stainless Steel.¹</i>	\$8,109.00 ¹
TT88SS-4000-NCS ¹	Optional Equipment - specify <i>Upgraded 4000 amp, NEMA 3R-SS, Double Door, 316 Stainless Steel.¹</i>	\$11,507.00 ¹
TT87-100-400-TT-NCS ¹	Optional Equipment - specify <i>Upgrade to T87 switches from 100-400 amp to add generator twist lock connection plates.¹</i>	\$1,680.00 ¹
TT87-600-800-TT-NCS ¹	Optional Equipment - specify <i>Upgrade to T87 switches from 600-800 amp to add generator twist lock connection plates.¹</i>	\$2,247.00 ¹
TT87-1000-1200-TT-NCS ¹	Optional Equipment - specify <i>Upgrade to T87 switches from 100-400 amp to add generator twist lock connection plates.¹</i>	\$3,960.00 ¹
TTSWITCH-NCS ¹	Optional Equipment - specify <i>Net cost percentage adder to original proposal transfer switch to meet customer requirement-----15% adder.¹</i>	\$0.00 ¹

VEHICLE:	TT600			
DEALER:	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$5,492.00	\$5,492.00	\$5,492.00	\$5,492.00

TTDOUBLEDOOR-NCS ¹	Optional Equipment - specify <i>Adder to change Nema 3r enclosure to Nema 3r double door enclosure</i>	\$1,525.00 ¹
TPC-WAR1-ATS-NCS ¹	Optional Equipment - specify <i>Warranty - specify 100amp - 250amp, 5yr factory extended warranty.</i>	\$320.00 ¹
TPC-WAR2-ATS-NCS ¹	Optional Equipment - specify <i>Warranty - specify 1001amp - 800amp, 5yr factory extended warranty.</i>	\$800.00 ¹
TPC-WAR3-ATS-NCS ¹	Optional Equipment - specify <i>Warranty - specify 1000amp - 1200amp, 5yr factory extended warranty.</i>	\$1,500.00 ¹
TPC-WAR4-ATS-NCS ¹	Optional Equipment - specify <i>Warranty - specify 1600amp - 2000amp, 5yr factory extended warranty.</i>	\$2,600.00 ¹
TPC-WAR5-ATS-NCS ¹	Optional Equipment - specify <i>Warranty - specify 2500amp - 4000amp, 5yr factory extended warranty.</i>	\$5,200.00 ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>6" MOBILE PUMP (Specification #08)</u>			
Tradewinds Power Corp	2018 Tradewinds TPK064750	★Appalachia	\$34,852.00
Tradewinds Power Corp	2018 Tradewinds TPK064750	★Dogwood	\$34,852.00
Tradewinds Power Corp	2018 Tradewinds TPK064750	★Cardinal	\$34,852.00
Tradewinds Power Corp	2018 Tradewinds TPK064750	★Longleaf Pine	\$34,852.00
National Power Corp	2018 Generac MTP6DZV	Appalachia	\$38,985.16
National Power Corp	2018 Generac MTP6DZV	Dogwood	\$38,985.16
National Power Corp	2018 Generac MTP6DZV	Cardinal	\$38,985.16
National Power Corp	2018 Generac MTP6DZV	Longleaf Pine	\$38,985.16



NORTH CAROLINA SHERIFFS' ASSOCIATION

6" MOBILE PUMP SPECIFICATION #8

2018 Tradewinds TPK064750

2018 Generac MTP6DZV

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. DESIGN REQUIREMENTS

- a. Discharge size: 6 inches
- b. Suction size: 6 inches
- c. Capable of 1750 GPM minimum
- d. Capable of 150 ft. Total Dynamic Head (TDH) minimum
- e. Duty Point, Maximum: 1,000 gallons per minute minimum (GPM) at 120 ft. Total Dynamic Head (TDH)
- f. Impeller Diameter: Manufacturer's standard for pump
- g. Operating Speed Maximum: 2,200 RPM
- h. Solids Handling Size, Maximum: 3 inches

2. ENGINE

- a. Diesel engine, appropriate to pump size at continuous duty
- b. Emission certified engine
- c. Industrial grade exhaust muffler and rain cap
- d. Oil and water drain lines with ball valves
- e. Low water level shutdown switch
- f. 12vdc system with battery rack and cables
- g. 12vdc battery charger
- h. 50 gallon minimum fuel tank with low fuel level alarm and shutdown

3. PUMP

- a. Check valve
- b. Impellers
- c. Self priming system

4. CONTROLS

- a. The manufacturer shall mount the diesel engine and pump unit with the above 50 gallon subbase tank on a street legal D.O.T. approved trailer. This trailer will be able to be rated for a safe travel at speeds of 60 mpg and not be limited to the following specifications:
- b. 12vdc electric system
- c. Lunette or military type towing ring with safety chains
- d. Hydraulic brakes with reverse dump solenoid
- e. Single point lifting bar
- f. License plate bracket
- g. Sand shoe type support stands front and rear
- h. Torque spring axles to meet load of trailer

5. TRAILER

- a. Trailer design shall be such that the County/City may easily remove the entire engine, fuel tank and pump from the trailer.

6. DELIVERY

- a. Net cost includes delivery of equipment to governmental site location
- b. Coordination and offloading of the equipment at the governmental site location will be the responsibility of the purchasing agency.

7. START UP AND COMMISSIONING

- a. Vendor must coordinate all start up and testing activities with the engineer/owner. After field delivery of the pump and trailer, an authorized factory representative shall perform the initial start up and field testing of the pump and trailer. If conditions permit, a site will be determined where connection will be made by the County/City to test the pump package. If a site cannot be prepared a standard operational test will be performed.
- b. At the same time the start up test is performed, the factory representative will provide all necessary operation, field maintenance and minor repair training as necessary. This will also include safety procedures and hazard assessment

8. CONDITIONS

- a. In addition to equipment specified, each pump package shall be equipped with all standard equipment as specified by the manufacturer for this model and shall include but not be limited to the following necessary items:
- b. Initial filling of oil and antifreeze
- c. During the start up, the authorized factory representative shall record and provide the County/City with the engine and pump serial numbers for the owner records. At this time the warranty will begin.
- d. One complete set of operations and maintenance manuals
- e. Two (2) year or 1500 hour standard standby pump package warranty. Labor, materials, and travel for the warranty period repair will be paid by manufacturer during normal business hours.



NORTH CAROLINA SHERIFFS' ASSOCIATION

6" MOBILE PUMP SPECIFICATION #8

2018 Tradewinds TPK064750

The Tradewinds TPK064750 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:	\$34,852.00	\$34,852.00	\$34,852.00	\$34,852.00

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:	TPK064750			
DEALER:	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$34,852.00	\$34,852.00	\$34,852.00	\$34,852.00

Optional Equipment - specify	NA
Optional Equipment - specify	NA

Order Code	Add Options	All Zones
TPK08-NCS ¹	Upgrade to 8" pump Increase size of pump from 6 inch to 8 inch. TIER Compliant Diesel Engine to deliver a maximum of 2300 gallons per minute and total dynamic head to 170 feet with a 200 gallon subbase tank, Single lifting bail, and dual axle trailer.	\$14,582.00 ¹
TPK10-NCS ¹	Upgrade to 10" pump Increase size of pump from 6 inch to 10 inch. TIER Compliant Diesel Engine to deliver a maximum of 3600 gallons per minute and total dynamic head to 180 feet with a 200 gallon subbase tank, Single lifting bail, and dual axle trailer.	\$33,248.00 ¹
TPK12-NCS ¹	Upgrade to 12" pump Increase size of pump from 6 inch to 12 inch. TIER Compliant Diesel Engine to deliver a maximum of 6000 gallons per minute and total dynamic head to 200 feet with a 200 gallon subbase tank, Single lifting bail, and dual axle trailer.	\$46,686.00 ¹
TPK3-SA-NCS ¹	Optional Equipment - specify <i>Upgrade to aluminum sound attenuated 3" pump package - White powder coated marine grade aluminum with stainless steel hardware. 62 dBA @ 21' under normal operating conditions. Oil and water drain lines are extended through wall for ease of maintenance.</i> ¹	\$7,940.00 ¹
TPK4-SA-NCS ¹	Optional Equipment - specify <i>Upgrade to aluminum sound attenuated 4" pump package - White powder coated marine grade aluminum with stainless steel hardware. 62 dBA @ 21' under normal operating conditions. Oil and water drain lines are extended through wall for ease of maintenance.</i> ¹	\$8,742.00 ¹
TPK6-SA-NCS ¹	Optional Equipment - specify <i>Upgrade to aluminum sound attenuated 6" pump package - White powder coated marine grade aluminum with stainless steel hardware. 62 dBA @ 21' under normal operating conditions. Oil and water drain lines are extended through wall for ease of maintenance.</i> ¹	\$15,921.00 ¹
TPK8-SA-NCS ¹	Optional Equipment - specify <i>Optional Equipment - specify Upgrade to aluminum sound attenuated 8" pump package - White powder coated marine grade aluminum with stainless steel hardware. 62 dBA @ 21' under normal operating conditions. Oil and water drain lines are extended through wall for ease of maintenance.</i> ¹	\$17,400.00 ¹
TPK10-SA-NCS ¹	Optional Equipment - specify <i>Upgrade to aluminum sound attenuated 10" pump package - White powder coated marine grade aluminum with stainless steel hardware. 62 dBA @ 21' under normal operating conditions. Oil and water drain lines are extended through wall for ease of maintenance.</i> ¹	\$21,840.00 ¹
TPK12-SA-NCS ¹	Optional Equipment - specify <i>Upgrade to aluminum sound attenuated 12" pump package - White powder coated marine grade aluminum with stainless steel hardware. 62 dBA @ 21' under normal operating conditions. Oil and water drain lines are extended through wall for ease of maintenance.</i> ¹	\$31,480.00 ¹
TAUTO-NCS ¹	Optional Equipment - specify <i>Installation of Tradewinds microprocessor controller on diesel driven pump package for automatic start-stop control of package. Can operate on either transducer or water level balls. Panel is configured to work with most SCADA systems.</i> ¹	\$6,480.00 ¹
TPK081-NCS ¹	Optional Equipment - specify <i>Increase size of pump from 6 inch to 8 inch Dry Prime Type. TIER Compliant Diesel Engine to deliver a maximum of 4500 gallons per minute and total dynamic head to 180 feet with a 200 gallon subbase tank, Single lifting bail, and single axle street legal trailer.</i> ¹	\$16,242.00 ¹
TPK101-NCS ¹	Optional Equipment - specify <i>Increase size of pump from 6 inch to 10 inch Dry Prime Type. TIER Compliant Diesel Engine to deliver a maximum of 6000 gallons per minute and total dynamic head to 200 feet with a 200 gallon subbase tank, Single lifting bail, and single axle street legal trailer</i> ¹	\$30,240.00 ¹

VEHICLE:	TPK064750			
DEALER:	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp
ZONE:	★ Appalachia	★ Dogwood	★ Cardinal	★ Longleaf Pine
BASE PRICE:	\$34,852.00	\$34,852.00	\$34,852.00	\$34,852.00

TPK121-NCS ¹	Optional Equipment - specify <i>Increase size of pump from 6 inch to 12 inch Dry Prime Type. TIER Compliant Diesel Engine to deliver a maximum of 9500 gallons per minute and total dynamic head to 200 feet with a 200 gallon subbase tank, Single lifting bail, and single axle street legal trailer.</i> ¹	\$34,640.00 ¹
TPK06-C-NCS ¹	Optional Equipment - specify <i>Upgrade to street legal trailer with spare tire, tool box, rated for 12,000lb mobile 6 x 6 pump package with a performance of 3100 gallons a minute at 100' of head. Package includes 65dba aluminum sound enclosure, 200gallon subbase fuel tank, corrosion resistant paint, street legal hose storage trailer carrying 82feet of hose, auto start/stop controller, transducer, internal and external 12vdc service lights.</i> ¹	\$42,840.00 ¹
TPK08-C-NCS ¹	Optional Equipment - specify <i>Upgrade to street legal trailer with spare tire, tool box, rated for 12,000lb mobile 10 x 8 pump package with a performance of 4500 gallons a minute at 100' of head. Package includes 65dba aluminum sound enclosure, 200gallon subbase fuel tank, corrosion resistant paint, 68feet of clear hose, auto start/stop controller, transducer, internal and external 12vdc service lights.</i> ¹	\$64,548.00 ¹
TPC8GSCWP-NCS ¹	Optional Equipment - specify <i>Upgrade pump to 8" centrifugal Wellpoint. 8 x 8 connections, Max flow: 1800gpm, max head 105 feet, max Static lift: 28 feet, Solids Handling Capability: 7/8", Fuel tank size 52 gallons, Single point lifting.</i> ¹	\$28,860.00 ¹
TPC-4SH-NCS ¹	Optional Equipment - specify <i>4 inch x 10 feet rigid suction hose with type C & E camlock and mating adaptor flange.</i> ¹	\$250.00 ¹
TPC-4DH-NCS ¹	Optional Equipment - specify <i>4 inch x 50 feet lay flat discharge hose with type C & E camlock and mating adaptor flange.</i> ¹	\$145.00 ¹
TPC-4SH-14-NCS ¹	Optional Equipment - specify <i>4 inch x 14 feet rigid suction hose with type C & E camlock and mating adaptor flange.</i> ¹	\$225.00 ¹
TPC-65H-NCS ¹	Optional Equipment - specify <i>6 inch x 10 feet rigid suction hose with type C & E camlock and mating adaptor flanging.</i> ¹	\$868.00 ¹
TPC-6DH-NCS ¹	Optional Equipment - specify <i>6 inch x 50 feet lay flat discharge hose with type C & E camlock and mating adaptor flange.</i> ¹	\$450.00 ¹
TPC-6SH-14-NCS ¹	Optional Equipment - specify <i>6 inch x 14 feet rigid suction hose with type C & E camlock and mating adaptor flange.</i> ¹	\$980.00 ¹
TPC-85H-NCS ¹	Optional Equipment - specify <i>8 inch x 10 feet rigid suction hose with type C & E camlock and mating adaptor flange.</i> ¹	\$1,554.00 ¹
TPC-8DH-NCS ¹	Optional Equipment - specify <i>8 inch x 50 feet lay flat discharge hose with type C & E camlock and mating adaptor flange.</i> ¹	\$2,680.00 ¹
TPC-8SH-14-NCS ¹	Optional Equipment - specify <i>8 inch x 14 feet rigid suction hose with type C & E camlock and mating adaptor flange.</i> ¹	\$2,880.00 ¹
TPC-4TRAIL-NCS ¹	Optional Equipment - specify <i>4x6" hose trailer instead of standard trailer. Trailer will hold a total of 102 feet of suction/discharge hose storage with camlocks at each end. Trailer is equipped with toque spring axle, hydraulic brakes, spare tire, and tongue mounted storage box with final corrosion resistant paint.</i> ¹	\$15,888.00 ¹
TPC-6TRAIL-NCS ¹	Optional Equipment - specify <i>6" hose trailer instead of standard trailer. Trailer will hold a total of 82 feet of suction/discharge hose storage with camlocks at each end. Trailer is equipped with toque spring axle, hydraulic brakes, spare tire, and tongue mounted storage box with final corrosion resistant paint.</i> ¹	\$17,640.00 ¹
TPC-8TRAIL-NCS ¹	Optional Equipment - specify <i>8" hose trailer instead of standard trailer. Trailer will hold a total of 68 feet of suction/discharge hose storage with camlocks at each end. Trailer is equipped with toque spring axle, hydraulic brakes, spare tire, and tongue mounted storage box with final corrosion resistant paint.</i> ¹	\$19,844.00 ¹



NORTH CAROLINA SHERIFFS' ASSOCIATION

6" MOBILE PUMP SPECIFICATION #8

2018 Generac MTP6DZV

The Generac MTP6DZV 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:	\$38,985.16	\$38,985.16	\$38,985.16	\$38,985.16

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:	MTP6DZV			
DEALER:	National Power Corp	National Power Corp	National Power Corp	National Power Corp
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$38,985.16	\$38,985.16	\$38,985.16	\$38,985.16

Order Code	Delete Options	All Zones
	Downgrade pump from 6 inch to 3 inch. TIER Compliant Diesel Engine to deliver a maximum of 450 gallons per minute and total dynamic head to 93 feet with a 30 gallon subbase tank, Single lifting bail, and single axle street legal trailer.	
	Downgrade pump from 6 inch to 4 inch. TIER Compliant Diesel Engine to deliver a maximum of 750 gallons per minute and total dynamic heads to 115 feet with a 30 gallon subbase tank, Single lifting bail, and single axle street legal trailer	
	Optional Equipment - specify	
	Optional Equipment - specify	
	Optional Equipment - specify	
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	Optional Equipment - specify	
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	Optional Equipment - specify	

Order Code	Add Options	All Zones
	Upgrade to 8" pump Increase size of pump from 6 inch to 8 inch. TIER Compliant Diesel Engine to deliver a maximum of 2300 gallons per minute and total dynamic head to 170 feet with a 200 gallon subbase tank, Single lifting bail, and dual axle trailer.	



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>MOBILE METAL HALIDE LIGHT TOWER (Specification #09)</u>			
National Power Corp	2018 Generac MLT4060	★Appalachia	\$9,274.27
National Power Corp	2018 Generac MLT4060	★Dogwood	\$9,274.27
National Power Corp	2018 Generac MLT4060	★Cardinal	\$9,274.27
National Power Corp	2018 Generac MLT4060	★Longleaf Pine	\$9,274.27
National Power Corp	2018 Generac MLT65M	Appalachia	\$9,360.38
National Power Corp	2018 Generac MLT65M	Dogwood	\$9,360.38
National Power Corp	2018 Generac MLT65M	Cardinal	\$9,360.38
National Power Corp	2018 Generac MLT65M	Longleaf Pine	\$9,360.38



NORTH CAROLINA SHERIFFS' ASSOCIATION

MOBILE METAL HALIDE LIGHT TOWER **SPECIFICATION #9**

2018 Generac MLT4060

2018 Generac MLT65M

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. ENGINE

- a. Mitsubishi® L3E-W461ML - liquid cooled, diesel engine Standby - 12.2 hp @ 1800 rpm Prime - 10.5 hp @ 1800 rpm 3 cylinder 0.95 L displacement
- b. Fuel consumption (prime) – 0.47 gph (1.78 Lph)
- c. 60 Hz engine/generator
- d. Industrial engine exhaust system
- e. Rubber vibration dampers isolate engine/generator from frame
- f. Cooling system capable of operating at 120°F (49°C) ambient
- g. Full flow oil filter, spin on type
- h. Fuel filter with replaceable element
- i. Dry type cartridge air filter
- j. Polyethylene fuel tank with large diameter opening 56 gal. (211.98 L) capacity 119 hr. run capacity 3.5 in. (88.9 mm) fill port

2. GENERATOR

- a. Marathon Electric® Brushless
- b. 6 kW standby output
- c. 120/240 VAC – 50/25A
- d. +/-6% capacitor voltage regulation

3. ENGINE CONTROLS

- a. Engraved, aluminum punched and anodized control panel
- b. Four position keyed switch – glow plugs (preheat, off, run, start)
- c. Hour meter
- d. Automatic low oil/high temperature shutdown system

4. ELECTRICAL AND SYSTEM CONTROLS

- a. Single toggle switch for raising and lowering vertical mast
- b. Individual floodlight circuits with 15A breakers
- c. Ballast indicator lights
- d. 30A start limit breaker (assures no load condition exists before starting)
- e. Standard individually breakered convenience outlets: o (1) 120 VAC 20 Amp GFCI duplex outlets (NEMA 5-20R type) o (1) 240 VAC 30 Amp Twistlock outlets (NEMA L6-30R type)
- f. 440CCA wet cell battery

5. FLOODLIGHTS

- a. (4) light fixtures – 1000 watts each - metal halide
- b. Oval aluminum reflector

- c. Tempered glass lens
- d. Silicone gaskets for moisture and dust protection
- e. Friction disc mounting for tool less positioning
- f. Individual floodlight On/Off switches

6. MAST

- a. LightTracking System - distinctive angle fixture design for common light distribution
- b. Mast stowed height: 9.25 ft. (2.82 m)
- c. 25 ft. (7.62 m) maximum extension, 5-section, tubular steel
- d. Urethane guides on all sides of mast tubes
- e. Industrial black powder coat finish
- f. 950 lb. (430.91 kg) automatic self-breaking electric winch – easily raises mast vertically
- g. 359° ground-level rotation with locking system
- h. Coiled mast cord
- i. Equipped with single lifting eye and fork pockets

7. ENCLOSURE

- a. Steel enclosure – 14-gauge UV & fade resistant, high temperature cured, white polyester powder paint to 68 dB(A) at 23 ft. (7 m) – prime power
- b. Stainless steel hinges on doors
- c. Multi-lingual operating/safety decals
- d. License plate holder with light
- e. Manual holder with operating manual

8. TRAILER

- a. Front step platform for easy adjustment of light fixtures
- b. Removable tongue – 48 in. (1219.20 mm) long
- c. Tubular steel frame – 3/16 in. (4.78 mm) wall
- d. (4), 2000 lb. (907.18 kg) adjustable leveling jacks – 4 point stance
- e. All jacks transport and lock in horizontal position for storage
- f. Side outriggers – 140 in. (3.56 m) span
- g. 7800 lb. (3538 kg) safety chains with spring loaded safety hooks
- h. 2 in. (50.8 mm) ball hitch
- i. Single wall polyethylene fenders
- j. DOT approved tail, side, brake, and directional lights so Recessed rear lights
- k. 2200 lb. (998 kg) leaf spring axle
- l. ST175/80D13 – 6 ply
- m. 56 in. (1422.4 mm) axle span

9. WEIGHT AND DIMENSIONS

- a. Dry weight: 1759 lbs. (798 kg)
- b. Operating weight: 2162 lbs. (981 kg)
- c. Mast stowed: 115 x 68 x 107 in. (2.92 x 1.73 x 2.71 m)

10. WARRANTY

- a. 2 Years / 2000 Hours

11. CERTIFICATIONS

- a. CSA Certified



NORTH CAROLINA SHERIFFS' ASSOCIATION

MOBILE METAL HALIDE LIGHT TOWER SPECIFICATION #9

2018 Generac MLT4060

The Generac MLT4060 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:	\$9,274.27	\$9,274.27	\$9,274.27	\$9,274.27

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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NORTH CAROLINA SHERIFFS' ASSOCIATION

MOBILE METAL HALIDE LIGHT TOWER SPECIFICATION #9

2018 Generac MLT65M

The Generac MLT65M 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:	\$9,360.38	\$9,360.38	\$9,360.38	\$9,360.38

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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.



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>MOBILE LIGHT TOWER (Specification #10)</u>			
Clark Equipment Company	2018 Doosan Lscwkub-60Hz	★Appalachia	\$7,357.00
Clark Equipment Company	2018 Doosan Lscwkub-60Hz	★Dogwood	\$7,357.00
Clark Equipment Company	2018 Doosan Lscwkub-60Hz	★Cardinal	\$7,357.00
Clark Equipment Company	2018 Doosan Lscwkub-60Hz	★Longleaf Pine	\$7,357.00
National Power Corp	2018 Generac MLT3060	Appalachia	\$9,061.87
National Power Corp	2018 Generac MLT3060	Dogwood	\$9,061.87
National Power Corp	2018 Generac MLT3060	Cardinal	\$9,061.87
National Power Corp	2018 Generac MLT3060	Longleaf Pine	\$9,061.87
National Power Corp	2018 Generac MLT6SMD	Appalachia	\$12,578.80
National Power Corp	2018 Generac MLT6SMD	Dogwood	\$12,578.80
National Power Corp	2018 Generac MLT6SMD	Cardinal	\$12,578.80
National Power Corp	2018 Generac MLT6SMD	Longleaf Pine	\$12,578.80
	2018 Generac PLT240	Appalachia	-- NB --
	2018 Generac PLT240	Dogwood	-- NB --
	2018 Generac PLT240	Cardinal	-- NB --
	2018 Generac PLT240	Longleaf Pine	-- NB --
	2018 Multiquip MLTDA72	Appalachia	-- NB --
	2018 Multiquip MLTDA72	Dogwood	-- NB --
	2018 Multiquip MLTDA72	Cardinal	-- NB --
	2018 Multiquip MLTDA72	Longleaf Pine	-- NB --
Tradewinds Power Corp	2018 Tradewinds SignalPower Hybrid Tower 444	Appalachia	\$28,500.00
Tradewinds Power Corp	2018 Tradewinds SignalPower Hybrid Tower 444	Dogwood	\$28,500.00
Tradewinds Power Corp	2018 Tradewinds SignalPower Hybrid Tower 444	Cardinal	\$28,500.00

Tradewinds Power Corp	2018 Tradewinds SignalPower Hybrid Tower 444	Longleaf Pine	\$28,500.00
	2018 Wacker Neuson LTN 6L	Appalachia	-- NB --
	2018 Wacker Neuson LTN 6L	Dogwood	-- NB --
	2018 Wacker Neuson LTN 6L	Cardinal	-- NB --
	2018 Wacker Neuson LTN 6L	Longleaf Pine	-- NB --



NORTH CAROLINA SHERIFFS' ASSOCIATION

MOBILE LIGHT TOWER **SPECIFICATION #10**

2018 Doosan Lscwkub-60Hz
2018 Generac MLT3060
2018 Generac MLT6SMD
2018 Generac PLT240
2018 Multiquip MLTDA72
2018 Tradewinds SignalPower Hybrid Tower 444
2018 Wacker Neuson LTN 6L

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. DIMENSIONS (APPROXIMATE)

- a. Length 170"
- b. Width 51"
- c. Height 74"
- d. Mast Deployed Height 30'
- e. Weight - 1610 pounds

2. ENGINE

- a. 3 Cylinder Diesel Engine
- b. 12 HP at 1800 RPM
- c. Engine Protection Shutdown System

3. GENERATOR

- a. Wattage output 7000 Watt max, 6000 Watt continuous
- b. Brushless type
- c. 120/240 Volts at 60 Hz +/- 6% regulated
- d. AMPS at 120/240V - 50/25
- e. Insulation class H

4. FUEL TANK

- a. 30 Gallon Capacity
- b. Run Time (approx.) 64 hours

5. TRAILER

- a. Axle 1800 lbs
- b. 13" tire size
- c. Hitch 2" ball
- d. Leaf Spring Suspension
- e. Tongue Jack
- f. 4 outrigger jacks

6. CONTROL PANEL

- a. Individual breakers for lights

- b. Hour meter
- c. Cabinet Lights
- d. External receptacles: 1-30 AMP 120/240 Volt, twist lock, 1 GFC1, 15 AMP 120 Volt

7. MAST

- a. 32ft. extendable mast.
- b. 4 each metal halide light heads
- c. 440,000 lumens
- d. 360 degree mast rotation
- e. Fold down for transport
- f. Winch for mast extension



NORTH CAROLINA SHERIFFS' ASSOCIATION

MOBILE LIGHT TOWER SPECIFICATION #10

2018 Doosan Lscwkub-60Hz

The Doosan Lscwkub-60Hz 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:	\$7,357.00	\$7,357.00	\$7,357.00	\$7,357.00

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VEHICLE:	Lscwkub-60Hz			
DEALER:	Clark Equipment Company	Clark Equipment Company	Clark Equipment Company	Clark Equipment Company
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$7,357.00	\$7,357.00	\$7,357.00	\$7,357.00

Order Code	Delete Options	All Zones
	Please specify -	
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Order Code	Add Options	All Zones
46699396 ¹	Please specify - <i>LED Lights ¹</i>	\$1,424.00 ¹
36047066 ¹	Please specify - <i>Heater, Battery / Engine Block Starting Aid ¹</i>	\$384.00 ¹
46703202 ¹	Please specify - <i>Electric Winch ¹</i>	\$1,013.00 ¹
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NORTH CAROLINA SHERIFFS' ASSOCIATION

MOBILE LIGHT TOWER SPECIFICATION #10

2018 Generac MLT3060

The Generac MLT3060 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:	\$9,061.87	\$9,061.87	\$9,061.87	\$9,061.87

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.



NORTH CAROLINA SHERIFFS' ASSOCIATION

MOBILE LIGHT TOWER SPECIFICATION #10

2018 Generac MLT6SMD

The Generac MLT6SMD 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:	\$12,578.80	\$12,578.80	\$12,578.80	\$12,578.80

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NORTH CAROLINA SHERIFFS' ASSOCIATION

MOBILE LIGHT TOWER SPECIFICATION #10

2018 Generac PLT240

The Generac PLT240 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:	-- No bid --	-- No bid --	-- No bid --	-- No bid --

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NORTH CAROLINA SHERIFFS' ASSOCIATION

MOBILE LIGHT TOWER SPECIFICATION #10

2018 Multiquip MLTDA72

The Multiquip MLTDA72 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:	-- No bid --	-- No bid --	-- No bid --	-- No bid --

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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NORTH CAROLINA SHERIFFS' ASSOCIATION

MOBILE LIGHT TOWER SPECIFICATION #10

2018 Tradewinds SignalPower Hybrid Tower 444

The Tradewinds SignalPower Hybrid Tower 444 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:	\$28,500.00	\$28,500.00	\$28,500.00	\$28,500.00

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:	SignalPower Hybrid Tower 444			
DEALER:	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$28,500.00	\$28,500.00	\$28,500.00	\$28,500.00

Order Code	Add Options	All Zones
HT444PC-Recharge ¹	Please specify - <i>Dual Battery Recharging System (recommended) for model HT444PC.</i> ¹	\$790.00 ¹
SP529 ¹	Please specify - <i>LED light, Individual, 210 watt.</i> ¹	\$1,164.00 ¹
SP530 ¹	Please specify - <i>LED light, Individual Refit, 320 watt.</i> ¹	\$1,261.00 ¹
OPP-NCS-1 ¹	Please specify - <i>Additional 100 Watt (total) Solar Panels each, Monocrystalline.</i> ¹	\$790.00 ¹
OPP-NCS-2 ¹	Please specify - <i>Lithium Batteries.</i> ¹	\$1,164.00 ¹
OPP-NCS-3 ¹	Please specify - <i>Dual QC Light Assembly for Additional Mast Lighting, Maximum of two (2) Assemblies.</i> ¹	\$1,261.00 ¹
OPP-NCS-4 ¹	Please specify - <i>Additional Battery Bank, two (2) Batteries.</i> ¹	\$458.00 ¹
OPP-NCS-5 ¹	Please specify - <i>Additional Battery Bank, four (4) Batteries.</i> ¹	\$5,105.00 ¹
OPP-NCS-6 ¹	Please specify - <i>Cold Weather Battery Insulation.</i> ¹	\$2,855.00 ¹
OPP-NCS-7 ¹	Please specify - <i>Remote Camera System.</i> ¹	\$1,062.00 ¹
OPP-NCS-8 ¹	Please specify - <i>High Resolution Video Curtain, 4.5' x 6.75'.</i> ¹	\$2,123.00 ¹
OPP-NCS-9 ¹	Please specify - <i>Low Resolution Video Curtain, 4.5' x 6.75'.</i> ¹	\$438.00 ¹
OPP-NCS-10 ¹	Please specify - <i>Guarded Electric Winches for raising mast.</i> ¹	\$8,564.00 ¹
OPP-NCS-11 ¹	Please specify - <i>Quick Connect Signage Hardware.</i> ¹	\$12,991.00 ¹
OPP-NCS-12 ¹	Please specify - <i>Remote Tripod Assembly.</i> ¹	\$7,157.00 ¹
OPP-NCS-13 ¹	Please specify - <i>Quick Connect Mast Advertisement.</i> ¹	\$1,174.00 ¹
OPP-NCS-14 ¹	Please specify - <i>Homeland Security Approved Remote Lighting Control.</i> ¹	\$186.00 ¹
OPP-NCS-15 ¹	Please specify - <i>Translucent Vinyl Signage, 4 color, 4'x6'.</i> ¹	\$630.00 ¹
OPP-NCS-16 ¹	Please specify - <i>Wind Turbine</i> ¹	\$5,112.00 ¹
	Please specify -	NA
	Please specify -	NA
	Please specify -	NA

VEHICLE:	SignalPower Hybrid Tower 444			
DEALER:	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp	Tradewinds Power Corp
ZONE:	Appalachia	Dogwood	Cardinal	Longleaf Pine
BASE PRICE:	\$28,500.00	\$28,500.00	\$28,500.00	\$28,500.00

Please specify -	NA
Please specify -	NA
Please specify -	NA



NORTH CAROLINA SHERIFFS' ASSOCIATION

MOBILE LIGHT TOWER SPECIFICATION #10

2018 Wacker Neuson LTN 6L

The Wacker Neuson LTN 6L 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:	-- No bid --	-- No bid --	-- No bid --	-- No bid --

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