

FLORIDA SHERIFFS ASSOCIATION & FLORIDA ASSOCIATION OF COUNTIES

FSA20-EQU18.0 HEAVY EQUIPMENT CONTRACT

THE FOLLOWING ITEMS WILL BE FACTORY INSTALLED ON THE BASE VEHICLE/EQUIPMENT TO MEET THE MODEL NUMBER AND BUILD CODES OF THE VEHICLE LISTED. PLEASE REFER TO THE EMERGENCY VEHICLE LIGHTING AND SIRENS SECTION WITHIN THIS CONTRACT FOR DESCRIPTIONS, SPECIFICATIONS AND AWARDED VENDOR PRICING.

SPECIFICATION GROUP - GENERATOR: 125kW Generator Package

Make: AKSA Model: ULJ-125

Make: Blue Star Power Systems Model: JD125-02

Make: Caterpillar Model: D125-8

Make: Generac Model: SD130

Make: Gillette Generators Model: SPJD-1250

Make: LJP Model: ULJ125

Make: Tradewinds Model: T125

FSA Item Specifications Description:

1. GENERATOR REQUIREMENTS: Standby duty rated at 125.0 kW, 156.3 KVA, 8 power factor; 480 volts; 3 phase, 60 hertz, 1800 rpm; Directly connected to the engine flywheel housing with flex coupling; Generator shall meet performance class G3 of IEC; Unit shall be in compliance with and be UL 2200 labeled.
2. ENGINE: Water cooled diesel engine, sized for generator set; Emission compliant engine.
3. CONTROLS: Solid state, microprocessor-based generator controls; Controls shall provide all operating, monitoring and control functions for generator set.
4. ENCLOSURE/SILENCER: 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; Critical grade silencer; Companion flanges; Flexible stainless-steel exhaust. FUEL TANK: Double wall sub-base tank integral to enclosure; 24-hour capacity at 100% at full load; Rupture basin with 110% capacity; Locking fuel caps; Mechanical fuel level gauge; Low fuel level alarm contact; Fuel tank rupture alarm contact; Must meet UL 142 and FDEP standards.
5. BATTERY CHARGER: Current limiting battery charger to automatically charge batteries; Charger shall be dual charge rate with automatic switching to boost rate when required; Charger shall be mounted on genset package.
6. STARTUP AND TESTING: Vendor must coordinate all startup 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 startup including the use of building load; The startup technician will instruct all necessary personnel how to operate and maintain the equipment in accordance to the manufacturer's requirements.

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7. **CONDITIONS:** 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: Initial filling of oil and antifreeze (fuel provided by others); Shrink wrap applied to the product to ensure a clean finish; During the startup, 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 of generator (Cat, Wacker, or Tradewinds), model (TJ125 TP20, DP125, etc.), Serial number of complete package, and startup date; Record engine and generator serial numbers; One complete set of operation and maintenance manuals; 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.