

Date: 16 May 2016

SPECIFICATIONS

Emergency Generators for 36 CES, AAFB, GUAM

1. SCOPE: The vendor shall provide two (2) diesel engine driven generators and five (5) gasoline engine driven generators for the 36th Civil Engineering Squadron with the following specifications:

1.1. Provide two (2) diesel 60KW generator sets with dual voltage capability (120/208 and 277/480 VAC), 3-phase/4-wire, 60HZ, enclosure, internal exhaust, day tank with auxiliary fuel tank capability, 24VDC battery system, 120 VAC battery charging system, two-wire remote start capability, skid base, 120VAC alternator heater, internal exhaust system, digital control system, variable voltage adjust capability, rust proofing, and total dimensions not to exceed 82 inches in length and 36 inches in width.

1.2. Provide three (3) portable gasoline 7KW generator sets with internal fuel tank capable of holding at least 5 gallons, 120/240 VAC, 60HZ, electric start with recoil backup, low oil level protection, and wheel kit.

1.3. Provide two (2) portable gasoline 2KW generator sets with internal fuel tank, recoil start, 120 VAC, 60HZ, and weigh no more than 60lbs.

2. WARRANTY: Manufacturer's Standard Warranty.

3. ENVIRONMENTAL: The vendor shall provide Environmental Protection Agency/ New Source Performance Standards (EPA/NSPS) certifications for all generators and provide generators that adhere to the emission standards below.

3.1. As of Jul. 11, 2005. NSPS limits the emission of Nitrogen Oxide (Nox), Particulate Matter (PM), Carbon Monoxide (CO), and Non-Methane Hydrocarbons (NMHC). Sulfur Oxide (Sox) emission shall also be controlled through the use of low sulfur fuel.

Some basic requirements based on Guam EPA standards are as follows:

3.2. Unit are standby units and shall not exceed 1500 hours of operation per year per GEPA permit requirement. Note: Only applies when the unit has been issued a Permit to Operate.

3.3. Unit shall be equipped with non-resettable run-hour meter.

3.4. During startup and normal operation, visible emission shall not exceed more than 20 % opacity

3.5. This unit shall burn or consume ultra-low sulfur diesel fuel.

3.6. Contractor shall provide a conformance from the manufacturer which states that the unit complies with EPA standards.

3.7. Engine/generator unit shall have equipment or nameplate tags.

3.8. Unit shall come with emission specs from the factory or manufacturer.

4. DELIVERY: The delivery of all required items shall be no later than 80 days from date of award.

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5. SHIPPING:

Vendor shall deliver the required items direct to the following address:

36th Civil Engineer Squadron
BLDG 18001 Arclight Blvd.
Yigo, Guam 96929
ATTN: Marcelino Tan