

Product Description

The New Jersey Air National Guard (NJANG) is seeking to identify interested small businesses that can supply one Cummins 30 Amp Rugged Mobile Power (RMP) Model 30RMP-1060A Generator. It is intended that the NJANG will enter into firm fixed price contract with a small business able to provide the required products described in the product description.

Salient Characteristics:

One Cummins 30 Amp RMP Model 30RMP-1060A Generator is required for the NJANG in accordance with the following requirements:

1. Manufacturer: Cummins
2. Model number: 30RMP-1060A(1060A)
3. Color: Tan
4. Dimension not to exceed: 75 in x 36 in x 53 in
5. Power rating: 30 kW @ 60 Hz & 400 Hz 31 kVA @50 Hz
6. Build design shall meet MIL DTL 324965
7. Multi-fuel capable (JP-8,JP-4, DF-1,DF-2, DF-A)
8. Operation temperatures: -50°F to 135°F (-45°C to 57°C)
9. 8 hours fuel tank with Auxiliary fuel connections.

Generator Set Specifications:

1. Radio frequency emissions compliance: MIL-STD-2169
2. Voltage regulation, no load to full load: $\pm 3\%$ of rated voltage for all loads
3. Frequency regulation: 60 Hz: $\pm 3\%$ of rated frequency for all loads.
50 Hz: $\pm .5\%$ of rated frequency for all loads.
400 Hz: $\pm 3\%$ of rated frequency for all loads.

Engine Specifications:

1. Engine Model: QSB3.3
2. Design: 4-cycle, In-Line
3. Bore: 94.996 mm
4. Stroke: 115.062 mm
5. Displacement: 3.3 L
6. Cylinder block: Cast iron
7. Battery charging alternator: 35 Amps
8. Starting voltage: 12 volts negative ground
9. Fuel system: Bosch Electronic Fuel Injection
10. Air cleaner type: Dry replaceable element or Paper element
11. Lube oil filter type(s): Spin-on full flow filter
12. Breather: Closed type
13. Tier rating: Tier 3

Alternator Specifications:

1. Design: Brushless, 4 pole synchronous aux winding type
2. Stator: 2/3 pitch
3. Rotor: Two bearing
4. Insulation system: Class F and H
5. Standard temperature rise: 105 °C (221 °F) Continuous @ 40 °C (104 °F) ambient
6. Exciter type: Permanent Magnet Generator (PMG)
7. Phase rotation: A (U), B (V), C (W)
8. Alternator cooling: Direct drive centrifugal blower fan
9. AC waveform Total Harmonic Distortion (THDV): < 5% no load to full linear load, < 3% for any single harmonic
10. Telephone Influence Factor (TIF): < 50 per NEMA MG1-22.43
11. Telephone Harmonic Factor (THF): < 3

Delivery Date: 30 Days after award.