

**REQUEST FOR BID 2022-09**  
**Generator**

Proposals will be accepted until **Friday March 04th, 2022 at 12:00 P.M.** at the Administration Department in the Cherokee County Administration Building, 110 Railroad Ave, 2<sup>nd</sup> Floor, Gaffney, South Carolina 29340. The County plans to purchase a generator for the Cherokee County Detention Center, **315 E Dr. L. M. Rosemond Lane**, Gaffney, SC 29340.

**REQUEST FOR BID 2022-09**

**REMOVAL OF OLD GENERATOR AND PURCHASE/INSTALLATION OF NEW  
GENERATOR AT THE CHEROKEE COUNTY DETENTION CENTER**

Specifications include, but are not limited to: Turnkey project including the removal of existing generator and the furnishing and installation of a Tier 3 EPA compliant, 125kW standby diesel generator at the Cherokee County Detention Center with required voltage, etc. The scope also includes installation of a transfer switch as required.

125kw  
480/277Vac / Three Phase /60Hz  
LC3114J Frame Alternator  
Alternator Strip Heater  
Permanent Magnet Excitation  
EMCP4.2B Controller  
Generator Running Relay  
Mainline Circuit Breaker – 200A 100% Rated  
Adjustable Trip  
12Vdc Starting System  
Maintenance Free Battery  
10A Battery Charger  
Jacket Water Heater  
Sound Attenuated Enclosure  
395gallon Fuel Tank – 40hrs at 100% Load  
ASCO 300 Series ATS – 400A 480/277Vac 3Pole NEMA1 Enclosure  
ATS Controller with Deluxe Exerciser  
Trystar MTS – 400A 480/277Vac 3Pole NEMA3R  
Type 16 CAM Connectors  
Delivery to jobsite  
Factory Tech Startup Load Test  
5year Warranty with rental coverage  
Rental to be in place within 24 hour in case of emergency  
Complete Electrical Installation  
All exposed wiring to be enclosed in rigid conduit

Proposal documents may be obtained from Abi Reid at [abi.reid@cherokeecountysc.com](mailto:abi.reid@cherokeecountysc.com). Proposals must be submitted on the form furnished and must be submitted in a sealed envelope identifying the company name, the RFP title, the RFP number, and the RFP due date on the face on the envelope as discussed in the package.