

Angelo Troquato

Project Manager

County of El Dorado / Chief Administrative Office

Facilities Division

3000 Fair Lane Court, Suite 1, Placerville, Ca 95667

RE. 3883 Ponderosa Road

Child Support Services Office

Backup Generator Installation

PROPOSAL

Project Description

The intent of this project is to install a 70KW Gas (propane) generator at the referenced address to support office operations during prime power outages that may occur during the year. This generator will be mounted on a concrete slab on the west side of Building B on the site (see attached site plan). There will also be a new 500-gal propane tank installed next to it and adjacent to the existing propane tank to facilitate easy refill. The transfer switch will be wall mounted on the north side of Building A. All wiring from the transfer switch to the Main Panel Box will be within code compliant conduit and run above the suspended ceiling in the truss bays. The Main Panel Box (MPB) is currently overpowered for the needs of the building so that will be reduced from a 1200-amp, 3 phase breaker to a 400-amp three phase breaker. This reduction will reduce the size of the Transfer Switch and accordingly all the wiring between the MPB and the Transfer Switch. Lastly, the project will include run testing and programmed for monthly "exercise". The annual maintenance will also be provided by the Property Owner and will include a report transmitted to the County facilities manager.

Scope of Work

This proposal includes the following:

1. Prepare plans and submit to County of El Dorado Building Department for permits
2. Secure permits and pay fees
3. New 400-amp Main Breaker (Generac TRSC400A3)
4. Install 70 kw Generac Propane Fueled 120/208-volt 3ph Generator (**Generator to be provided by County of El Dorado, FOB parking lot adjacent installation site**)
5. Excavate, moisture condition and compact soil and install concrete pad for generator.
6. Provide trenching as necessary from transfer switch to generator and from generator to propane tank. This trench will be across the existing parking lot so saw cutting, trenching, backfilling, compacting and repaving of trench is included.
7. Provide all electrical material and labor to complete installation.
8. Submit warranty paperwork to manufacturers.
9. Perform start up and programming for "exercise".

Cost of Services

The total cost of services for the above scope of work which is the installation of a new County provided generator is not to exceed \$41,500.

This work will be completed utilizing prevailing wage rates where applicable.

Exclusions

1. Propane tank will be installed by County sub-contracted provider. (trench will be provided for gas line from tank to generator under this contract)

If you have any questions regarding this proposal, please don't hesitate to ask. We look forward to working with you on this project!

Carlton Commercial Properties, LLC



**Alan Carlton
President**