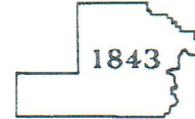


Yamhill County



DEPARTMENT OF ADMINISTRATIVE SERVICES
FACILITIES DIVISION

COURTHOUSE • 535 NE 5TH St. • McMinnville, OR 97128-4523 • (503) 434-7471 • FAX (503) 434-4358

March 23, 2018

To: County Board of Commissioners

Cc: Laura Tschabold, Ken Huffer

Re: New Courthouse Generator

The County needs an additional emergency generator to provide emergency power to the server room, wire room, and associated HVAC equipment for the heat load generated by the electrical equipment of said rooms. We currently have two generators, one that serves other critical portions of the courthouse, and one that serves critical portions of the jail. These two current generators are at capacity leaving no further room for additional load. The addition of this third generator will allow us to add these already identified critical areas while providing room for limited future growth. This project was approved as part of the FY 2017/2018 Capitol Improvement Plan.

Four different contractors were contacted and asked to provide quotes for both procurement of a generator with peripheral associated equipment and installation costs. The companies contact were Farnham Electric, GPEC Electrical Contractors, Power Systems Plus, and McCoy Electric Company, their quotes are as follows:

- Farnham Electric Construction
 - Labor \$14,350.00
 - Caterpillar 60kw generator w/ peripherals \$31,800.00 option 1
 - Cummins Inc. 60kw generator w/ peripherals \$29,503.00 option 2
- GPEC Electrical Contractors
 - Labor \$12,000.00
 - County would need to procure generator \$0
- Power Systems Plus
 - Installation/ provide Kohler 30kw generator (installation & generator) \$55,000.00
 - Kohler 30kw generator and peripherals \$38,000.00
- McCoy Electric Company
 - Declined to quote

Based on the above pricing, scope of work described in quote, size of generator requested and quoted, all peripheral equipment included and willingness on the part of contractor to assist in the procurement of generator I make the recommendation that we except the quote provided by Farnham Electric and ask them to procure the Caterpillar 60kw generator (option 1) on our behalf for a combined total of \$46,150.00. Included with the Caterpillar quote is all the pertinent peripheral equipment, the proven audible noise level of the caterpillar generator, as has been our experience with the one at the Public Health Building, will be beneficial in

B.D. 18-91

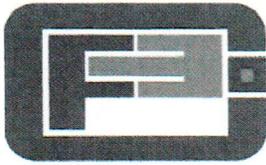
the chosen location of installation due to the closeness of the Sheriff's Office, inmate housing, and neighboring City Community Center

Respectfully,



Joe Moore
Yamhill County Facilities Manager
535 NE 5th Street, Room 31
McMinnville, OR 97128
503-434-7471 desk
503-883-1499 cell
503-434-4358 Fax
moorej@co.yamhill.or.us





FARNHAM ELECTRIC CONSTRUCTION

Serving the Community Since 1920.

SOLAR • AGRICULTURAL • INDUSTRIAL • COMMERCIAL • WINERIES • RESIDENTIAL

Proposal TH 1293

December 7, 2017

Yamhill County
Attn: Joe Moore
moorej@co.yamhill.or.us
971-267-0580

Re: Generator/ATS installation:

Thank you for the opportunity to provide you quotation for this project. The following scope of work is what we have predicated our cost on.

Scope of Work:

- 1) Install electrical provisions for new 60KW generator and automatic transfer switch.
 - a. Install 2 1/2" emt raceway from generator to ATS mounted inside the building as discussed with Joe. Raceway will serve as generator feed to standby side of ATS. Pull wire from generator to ATS. Terminate wiring/test.
 - b. Pipe 1" emt raceway from generator to ATS. Pull wire/terminate/test.
 - c. All exterior conduits to be installed with weatherproof fittings.
- 2) Intercept existing 200amp feeder/conduit that is coming from MDP and feeding panel in server room. Re-route to ATS location. Pipe from ATS back to MDP. Pull wire/terminate/test.
- 3) Pipe emt raceway from nearest 120/240v panel to generator to serve as raceway for battery charger/block heater circuits. Pull wire/terminate/test.
- 4) Price includes labor, material, core drill and electrical permit.
- 5) Price excludes generator and automatic transfer switch.

We are pleased to offer you a budget price of \$14,350.00. If you have any questions, please feel free to contact me.

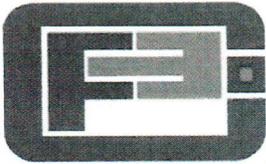
Sincerely

Sign and return one copy of this proposal before work can begin. Thank You.

Submitted By: _____ Date: _____
Accepted By: Jamie A. Johnson Date: 4-3-18

■ McMinnville 503.472.2186 ■ Salem 503.581.6287 ■ Portland 503.222.7138 ■ FAX 503.472.4042 ■ AFTER HOURS 503.434.5185
PO Box 7 McMinnville, OR 97128

PROUD MEMBERS OF NECA / IBEW



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Travis Hunt

Sign and return one copy of this proposal before work can begin. Thank You.

Submitted By: _____

Date: _____

Accepted By: James A. Ischubler

Date: 4-3-18

■ McMinnville 503.472.2186 ■ SALEM 503.581.6287 ■ PORTLAND 503.222.7136 ■ FAX 503.472.4042 ■ AFTER HOURS 503.434.5185
PO Box 7 McMinnville, OR 97128

PROUD MEMBERS OF NECA / IBEW

Accepted by Yamhill County
Board of Commissioners on

3/29/18 by Board Order

18-91



60kW Diesel Genset Yamhill Cnty Jail

Item #	Qty.	Description	Unit Price	Ext Price
1	1	Generator Set, Caterpillar, Model C7.1, D602LC, diesel driven, standby rated, 60kW for 120/208 volts, three phase, 4-wire, 60Hz, 1800 RPM with all std accessories and the following optional material: UL2200 EPA Certified for Stationary Emergency Use IBC Seismic Certified EMCP 4.2 Control Panel NFPA110 Local Alarm Module Circuit Breaker: (unit mounted) 1 x 200 AMP, 100% rated, <u>Main breaker</u> PMG excitation Alternator, 2/3 pitch, random wound Jacket water heater, unit mounted Charging Alternator, DC Starting Motor Starting Batteries Battery Rack AC Battery Charger, Float/Equalize type, 10A, 4-rate, unit mounted Vibration isolators, installed between genset and fuel tank 2 Year Std. Manufacturer's Warranty Package Genset Test Report, 0.8 PF	\$31,800	\$31,800
2	1	<u>CAT Outdoor Enclosure - Weather Protected</u> Sound rated for <u>89dBA at 23ft</u>	Included	0
3	1	<u>CAT Fuel Tank Base - UL142 type</u> 137 total gallons, 134 useable gallons, 24 hours approx run time, 5gal Spill containment with overfill prevention and fill drop tube, level and leak alarms, 12ft normal / emergency vent extensions	Included	0
4	1	<u>Automatic Transfer Switch, LS - Open Transition</u> 200A, 120/208, 3 pole, NEMA 1	Included	0
5	1	<u>Cat Dealer Genset Startup Service</u> Standard start-up services to include Interconnect wiring field verification	Included	0
6	1	<u>Load Testing and Commissioning Service</u> Autostart and Transfer Test w/ load bank and building load for 2 hours each Full transfer with a 20 minute test run time. (fuel not included)	Included	0
"BASE BID" - SUB TOTAL F.O.B. job site less sales tax				\$31,800.00

Optional Adders and Deducts:

Item #	Qty.	Description	Unit Price	Ext Price
1	1	<u>CAT Outdoor Enclosure - Sound Attenuated, Weather Protected</u> Level-2 Sound rated for <u>75dBA at 23ft</u>	\$1,000 ADDER	\$1,000 ADDER
2	1	<u>On Site Fuel Tank Pressure Test</u>	\$1,400 ADDER	\$1,400 ADDER
3	1	<u>Remote Annunciator Panel</u>	\$660 ADDER	\$660 ADDER

Notes (N), Deviations (D), Exceptions (E):

(N) No Specs provided.

DIMENSIONS: 99" L x 43" W x 76" H

Since 1936

WEIGHT: 3,800 lbs

Availability: Factory order delivery is **10-12 weeks** after submittal approval.

Submittal Availability: 2-4 weeks

F.O.B. Portland Area Job Site on flat bed truck, curbside. Off loading and placement is the responsibility of others. Installation by others.

Not Included: Sales Tax, installation, fuel for testing and fuel for final fill.

Credit: Subject to approval

Start and test includes a check of wiring continuity, safety shutoffs and phase rotation on all equipment we provide.

No permit costs are included in this quotation. We will provide information as may be necessary for the acquisition of permits, but we assume no responsibility for obtaining any permits, or licenses that may be required.

The above quotation will be honored for 30 days.

Terms and conditions as noted in attachment A.

Thank you for your interest in Caterpillar Power Systems. Please don't hesitate to contact me with any questions.

Regards,

Scott Posey
Electric Power Sales
Peterson Caterpillar
Phone: (503) 718-8650
smposev@petersoncat.com

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4421 NE Columbia Blvd ✎ Portland, OR 97218 ✎ Telephone (503) 288-6411 ✎ petersonpower.com

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Attachment A:

Commercial Terms and Conditions

- Seller reserves the right to accept or reject this order
- Payment: Subject to credit approval, Net 30 days on delivery of material or labor completed
 - 100% on material delivery
- Taxes: not shown or included but will be added as necessary
- Validity: Above quote valid for 30 days
- Price: Escalation charges will apply to orders awaiting release of "hold for approval" submittals longer than 90 days
- Cancellation: Charges of 10% on order, 30% on delivery of hold for approval submittals, 50% up to 4 weeks following release for production, 90% thereafter
- Freight: FOB jobsite, off loading, storage, and protection of equipment at jobsite is not included. Sellers responsibility for shipments cease upon delivery to transportation company. Any claims for shortages, delays or damages occurring thereafter shall be made directly by the purchaser to the transportation company. Any claims against the seller for shortages in shipments shall be made within fifteen days of receipt of shipment.
- Warranty: Standard manufacturers warranty applies to the above listed equipment. Extended service contracts may be available and are listed above if included.
- Acceptance: Once accepted this order shall become a binding contract but is subject to strikes, lockouts, accidents, fire, delays in manufacture or transportation, acts of God, embargoes, or government actions. These causes beyond the control of the seller shall absolutely absolve the seller from any liability to the purchaser under the terms hereof.
- Contracts: penalty or liquidated damages clauses for failure to meet shipping dates are not acceptable or binding on Peterson Power
- Title: It is understood and agreed that title to and possession of subject equipment shall remain vested in seller until all obligations and payments due from purchaser to seller have been paid in full.

NOT INCLUDED:

- Installation: Peterson Power is an equipment supplier only. Items noted are "shipped loose" for contractor installation including any required interconnecting piping or to customer connections
- Permits: Any and all permit applications or costs including but not limited to local City, County, State and AQMD. Peterson Power will provide information as requested for use with permit application but assumes no responsibility or obligation to apply for or obtain subject permits. Peterson Power has provided equipment that to the best of our knowledge complies with all local, state and federal requirements.
- Emission permitting and compliance testing and related costs. To the best of our knowledge this equipment meets all current emission standards for PM and Nox. A permit to operate this engine may require a "Risk Screen Analysis" to determine maximum cancer risk at the final installation site. Results of this test may require the addition of exhaust after-treatment devices. This equipment is not included unless specifically called out in our bill of material.
- Testing: Any and all associated testing, inspection, equipment, and certifications requested or required to be performed by a third party including circuit breaker coordination, system commissioning or building load testing
- Additional items that may be required by local utility for interconnection and parallel operation
- Electrical, Mechanical, Civil, and Structural professionally engineering services
- Engineering services other than supply of Peterson Power Systems standard drawings, equipment cut-sheets and controls per quoted scope of supply
- Startup and Commissioning service charges other than as noted in the quoted scope of supply. Additional field or shop labor including travel costs to/from the jobsite will be quoted and charged separately at time of requested services.
- Balance of plant equipment, controls, and monitoring except as quoted

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