



CITY OF WASHINGTON, ILLINOIS
Public Works Committee Agenda Communication

Meeting Date: 02-01-2021

Prepared By: Kevin Schone – Public Works Director

Agenda Item: Fire Department Generator Replacement Consideration

Explanation: Public Safety has budgeted for the replacement of the generator at the firehouse in the current FY. This generator is approximately 22 years old and is still providing back up power to the fire department in emergencies. The problem with this generator is the components that make the generator run are not readily available when needed because they are not caterpillar parts, meaning it is less reliable in an emergency. Because of this, staff has requested a quote from Altorfer for a new generator and RNS Electric for installation services. The new generator, if approved, would be a diesel unit which is a change from the current natural gas unit. Below are results of this request.

Altorfer D50GC Diesel Generator	\$28,063
Sourcewell Discount	(\$ 8,700)
Sourcewell Member Price	\$19,363
Field Start-Up and Training	\$ 1,600
<u>Freight</u>	<u>\$ 1,737</u>
<u>Total Price</u>	<u>\$22,700</u>
<u>Trade Value</u>	<u>(\$ 1,200)</u>
<u>Net</u>	<u>\$21,500</u>
<u>RNS Electric</u>	<u>\$ 6,575</u>
<u>Grand Total</u>	<u>\$28,075</u>

Fiscal Impact: \$32,000 was budgeted in Account #107-07-800-1500

Recommendation/

Committee Discussion Summary: The Cat generator from Altorfer uses Sourcewell, a nationwide purchase program, fulfilling the competitive bid requirements. Other supporting site work for this install will be completed by city crews, such as iron and concrete work. RNS Electric has supported the generator installations at both City Hall and the water treatment plant. RNS also supports many of the other projects completed at the treatment

plants and elsewhere and as such staff recommends approving Altorfer at \$21,500 for purchase of a new generator for the fire department, and RNS Electric at \$6575 for installation services, for a total cost of \$28,075, and not to exceed amount of \$32,000 to allow for any unforeseen problems during installation.

Action Requested: Direction to move this to the City Council for approval.



PO Box 367 Washington, IL. 61571
309-444-5200 / Fax 309-444-5201

Proposal

January 25, 2021

City of Washington
301 Walnut
Washington, IL. 61571

Re: Installation of City provided 50Kva generator at Fire House

We propose to supply and install the following material.

- **Installation** only of 50-kw generator. This generator shall be located within 20 feet of the north double man door.
- Conduits with copper wire from transfer switch to generator.
- Unload and setting of generator on concrete slab.
- Outage coordination with Ameren.
- Union Prevailing Wage Labor.

Total Quote: \$6,575.00

This Proposal does not include:

- **Overtime or double time.**
- **Any Transfer Switch replacement.**
- **Any excavation.**
- **Any concrete pad for generator.**
- **Any fuel for generator.**
- **Any sales tax on material.**

Sincerely,
RNS Electric Inc.

Ty Slonneger
General Manager

Accepted by:

By: _____

Date: _____

Committed to our customers and quality.



BARTONVILLE · CEDAR RAPIDS · DAVENPORT · E. PEORIA · HANNIBAL · MOBERLY · ROCK FALLS · SPRINGFIELD · URBANA

Quote#: TWS202130733917

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PROPOSAL

Customer: City of Washington

Date: 01/27/21

Attention: Kevin Schone

Project Name: Fire Station Diesel Generator Proposal – Sourcewell

Altorfer Power Systems appreciates your interest in Caterpillar power generation equipment and the opportunity to work with you on this project. We propose the following equipment to meet your requirements:

ITEM I

One (1) new Caterpillar model D50GC diesel engine generator set rated at 50W standby, 120/208Volt, 3-Phase, 60 Hz, 1800 RPM, sound attenuated enclosure, 24 hour fuel tank base, equipped per attached bill of materials. Sourcewell four year platinum ESC warranty and start up included.

D50GC 50kW GENERATOR LIST PRICE.....	\$	28,063.00
SOURCEWELL DISCOUNT PER CONTRACT #120617-CAT.....	\$	- 8,700.00
SOURCEWELL MEMBER PRICE.....	\$	19,363.00

NON-SOURCEWELL SOURCED GOODS ATTACHMENT PRICES

Asco 800A, 208V, 3P, Open Transition Automatic Transfer Switch in Nema 1 Indoor Enclosure	\$	5,612.00
FIELD SERVICE START-UP & TRAINING.....	\$	1,600.00
FREIGHT (fob: jobsite – not unloaded).....	\$	1,737.00

TOTAL PRICE (ITEM I).....	\$	28,312.00
TRADE VALUE SN2021312.....	\$	-1,200.00
(Customer responsible to disconnect and load on Altorfer Truck)		
NET.....	\$	27,112.00

NOTES:

1. Freight included to jobsite, curbside. No offloading included.
2. Trade pricing only valid with new generator purchase
3. Terms are NET 10 days on approved account, Price valid for 30 days.
4. The above bill of material does not include demolition, removal, terminations, installation, labor, fuel, fuel piping, air ducting, exhaust silencer installation, exhaust piping or electrical wiring between loose items such as engine, control gear, transfer switches, day tanks, battery charger, etc.
5. The prices quoted are current and subject to change to those in effect at the time of shipment.
6. This equipment carries the manufacturer's warranty, which supersedes all other verbal or written statements of any sort whatsoever.
7. The purchaser agrees to pay any and all taxes, assessments, licenses, and governmental charges of any kind whatsoever upon said equipment which, may be imposed or assessed or resulting to the seller on account of the possession or use of said equipment by purchaser.
8. All agreements are contingent upon government restrictions, strikes, accidents, delay of carrier, and other delays unavoidable.
9. Coordination studies & relay settings are not included. Permitting not included.

Altorfer Inc. • 6315 W. Fauber Road, Bartonville, IL 61607
Phone: 309/697-1234 • Fax: 309/282-2345

Quote#: TWS202130733917

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EQUIPMENT STARTUP

- ✓ Includes site visits and consultation prior to delivery and prior to startup by Altorfer's project engineering team.
- ✓ One (1) day of on-site start-up testing is included for only the equipment purchased through Altorfer Power Systems.
- ✓ Time allowed for one factory certified technician will be based on accessibility, site preparation and safety concerns for both equipment and personal.
- ✓ This includes systems preparation, equipment start-up and functional operational test utilizing building load only.
- ✓ These services will be performed during normal business hours, Monday through Friday 7:30 am to 3:30 pm.
- ✓ All external mechanical and electrical connections must be made by others prior to start-up site visit by Altorfer field technician. See below if additional visit is required due to lack of readiness.
- ✓ Additional personnel required or revisits are available and will require a written request for services with a change order by an authorized person and will be billed at prevailing rates.
- ✓ Operator training is included.

Thank you for the opportunity to quote this project. Please feel free to contact us if you would like any additional information or assistance.

ALTORFER POWER SYSTEMS AN EQUAL OPPORTUNITY EMPLOYER PURCHASES SUBJECT TO EXECUTIVE ORDER 11246, SEPT. 24 1965

Sincerely,

Accepted By:

Tim Scheuermann

Tim Scheuermann
Phone: 309-697-1234 x5109
Mobile: 309-696-8707
E-Mail: tscheuermann@altorfer.com

Print Name: _____

Date: _____