



COOPER CITY UTILITIES DEPARTMENT MEMORANDUM

DATE: February 1, 2024

TO: Hamid Nikvan, Assistant Utilities Director / Acting Utilities Director

FROM: Ryan Webster, Chief Water Plant Operator

SUBJECT: Diesel Fuel Day Tank Replacement

Recommendation:

Attached you will find 3 quotes for the replacement of our generator diesel fuel day tank. Our current diesel fuel day tank system has multiple failures. These failures intermittently prevent the day tank system from transferring fuel from the bulk diesel tank which if/when occurs will starve the generator of fuel. In addition to this, the leak detection and fuel level alarm systems are no longer working. Both of these issues have been diagnosed to the failing circuitry which can no longer be acquired. Broward County will issue a violation upon inspection if the system is not working correctly.

Background:

Our current Simplex 275 Gallon diesel fuel day tank system was installed in 1997 and has reached its life expectancy. Repairs to this system were attempted, however, became impossible due to the obsolescence of parts.

Budget:

A previous PO was issued to Zabatt Power Systems (No. 2023-8397) on July 18, 2023 and was revoked on September 7, 2023 as they could no longer get parts to complete the job. The original PO was applied to line Maintenance of Contracts 450-911-534410-533. There are not enough funds in this line item to cover this repair, therefore, it is recommended that money be transferred from Maintenance of Structures 450-911-534450-533 to Maintenance of Contracts 450-911-534410-533.

Attachments:

- All Power Generators Corp.
- KW Power Systems Corp.
- Lutz Petroleum Inc.



Quote

MEDLEY, FL 33178

Date	Estimate #
1/19/2024	16615

Name / Address
CITY OF COOPER CITY ACCOUNTS PAYABLE 11791 SW 49 ST COOPER CITY, FLORIDA 33330

Ship To
CITY OF COOPER CITY WEST PLANT 11791 SW 49 ST COOPER CITY, FL 33330

Terms	Rep	Serial	Model
Net 30	MF		

Description	Qty	Cost	Total
1 UTRS-275 275 Gallon Day Tank System UL-142, ULC-S601 listed with Tramont System 2000Plus, UL-508 listed 1 7045 Double Wall for TRS/E/X - 275 1 2375B (2375) 2" NPT Extra Fitting w/ (2344) Pipe Plug (Customer use) 1 1920 Duplex Pumping System (standard includes 2nd 2GPM pump, 1/2" check valves - not included if option 5000A is quoted) 1 3184 FDEP approved Leak Detection Switch (installs into 1.25" NPT) 2 2650 1/2" NPT, 115 VAC, N.C. Solenoid Valve (4gpm maximum) 2 2230 3/4" NPT, 100 Mesh "Y" Strainer (shipped loose) 1 3250 Critical High Fuel Level Shutdown - includes switch and plug-in relay, jumper removed 1 2440 Steel Tank Cover (removable for 2 horizontal pump/motors) (for indoor use in lieu of poly cover) 1 2252 2" NPT, Mushroom Style, Screened Atmospheric Vent Cap 2 2264 4" NPT Emergency Pressure Relief Vent Cap 1 1991 Tank to include labels on both sides: "Diesel Fuel, No Smoking, No Open Flames" and NFPA hazard label 1 1994 State of Florida label - additional options required	1	13,784.40	13,784.40T
FREIGHT	1	1,500.00	1,500.00T
LABOR	40	75.00	3,000.00T
HOSE ASSY	1	2,500.00	2,500.00T
DISCOUNT	-1	800.00	-800.00T

Subtotal \$19,984.40

Sales Tax (0.0%) \$0.00

Total \$19,984.40

50% deposit required upon approval.

In the event of any action brought to enforce the payment terms of this Contract or Invoice, the prevailing party will be entitled to reasonable attorney fees to be paid by the non-prevailing party.

You agree that simple interest of 12% per annum will be added to amounts invoiced and not

Phone #	Fax #	E-mail	Web Site
305-888-0059	305-888-2090	mfeliciano@allpowergenerators.com	www.allpowergenerators.com

KW Power Systems, Corp.
 6801 NW 73RD CT
 Miami, FL 33166

Estimate

Date	Estimate #
1/19/2024	8991

Name / Address
CITY OF COOPER CITY Cooper City Utilities 11791 S. W. 49th, Cooper City, FL, 33330 Ph: 954.434.5519 (wk)/954.680-3159 (fax)

Ship To
PUBLIC WORKS 9090 SW 50TH PL COOPER CITY, FL 33328

Terms	Model #	Serial #	Make
Net 30			
Description	Qty	Rate	Total
REMOVE AND REPLACE EXISTING DAYTANK TEST FOR PROPER OPERATION			
Labor	45	110.00	4,950.00
Double Wall Series Manual Day Tanks - 200 Gallon -Rupture Basin or Double Wall Leak Detector Switch. -Vent Kit, Double Wall, for PY200 - PY500 4" NPT, Pressure Spring	1	17,000.00	17,000.00
Miscellaneous Parts	1	3,500.00	3,500.00
Freight Out	1	2,000.00	2,000.00
Approved Customer Signature _____ Name: _____ Date: _____			

•Proposal includes above parts, disposal of all waste materials, shipping/handling and labor to perform job described above during normal working hours Monday through Friday from 8:00AM to 5:00PM.
 •KWPS is not responsible for any permitting that may be required to perform any of our services.
 •Jobs that require special order parts will not go on the schedule until parts are in our warehouse. A temporary date may be given and is subject to change.
 •A 25% restocking fee will be charged to all canceled proposals along with any freight charges incurred for any special ordered parts.
 •Proposal does not include any additional work required due to unforeseen problems that may be discovered after work has begun.
 •All sales tax is due on all work unless a valid tax-exempt certificate is supplied.
 •This proposal is separate from any previous written or implied and requires authorization and purchase order to proceed.

Total	\$27,450.00
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Phone #	Fax #	E-mail	Web Site
305-887-0780	305-437-7679	info@kwpowersystems.com	www.kwpowersystems.com

LUTZ PETROLEUM EQUIPMENT INSTALLATIONS, INC.

2351 N Powerline Rd. * Pompano Beach * Florida 33069 * (954) 971-5222 * Fax: (954) 969-5828
*Service Station Construction * Tanks Installed, Removed, Lined & Tested * Fuel Piping
Environmental Site Assessments * Recovery Systems * Monitoring Wells Installed*

Date: January 25, 2024

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Proposal Submitted to: City of Cooper City

Attn: Ryan Webster

We are pleased to submit our proposal on our interpretation of your requirements.

Day Tank Replacement

1. Disconnect and safe off day tank.
2. Pump out residual fuel and prep tank for disposal.
3. Assist the City in removing tank from building.
4. Remove and properly dispose of tank.
5. Assist the City in moving the new Pryco 275 gallon double wall day tank inside the building.
6. Reconnect day tank to existing supply, return and vent piping.
7. Reconnect to generator supply and return piping.
8. Reconnect to existing electric.
9. Start up and check for proper operation.
10. Prime and purge supply piping.

Cost: \$ 43,690.00

Notes:

1. Proposal valid for 30 days.
2. Day Tank cost subject to manufacturer's cost increases.

Exclusions:

1. Engineering.
2. Permitting.

Kevin M. Moore
Lutz PEI Inc.

Accepted: _____ Date: _____