



Holland Charter Township

353 North 120th Avenue • Holland, MI 49424 • phone: 616.396.2345 • Fax: 616.396.2537

Memorandum

TO: Board of Trustees
FROM: Steve Bulthuis
DATE: April 28, 2024
SUBJECT: Standby Generator LS #25

In an ongoing effort to improve system reliability, the Public Works Department is systematically adding standby generators to high-priority lift stations. The 2024 year of the capital improvement program anticipates the addition of a standby generator. Staff has selected lift station #25, located on Adams Street, to be the next site equipped with a generator.

Township staff will coordinate the installation with the assistance of local contractors. Quotes/estimates for the various components of the project are as follows:

Generator and transfer switch	\$40,100
Electrical and concrete work	\$39,434
Alarm programming	\$ 3,000
Gas service installation	<u>\$ 1,000</u>
Total	\$83,534

Staff is seeking approval of the costs noted above as well as a 15% contingency for a recommended total authorization of \$96,064.

Please let me know if you have any questions concerning this matter.

April 24, 2024

Prepared by

Kevin Kikkert
 (616) 333-9684
 kevin.kikkert@cummins.com

We are pleased to provide you this quotation based on your inquiry.

Item	Description	Qty
GEN	<p>C60N6, 60kW, 60Hz, Standby, Natural Gas/Propane Genset</p> <p>U.S. EPA, Stationary Emergency Application C60N6, 60kW, 60Hz, Standby, Natural Gas/Propane Genset Duty Rating - Standby Power (ESP) Emissions Certification - SI, EPA, Emergency, Stationary, 40CFR60 Listing - UL 2200 NFPA 110 Type 10 Level 1 Capable Exciter/Regulator - Permanent Magnet Generator, 3 Phase Sensor Voltage - 277/480, 3 Phase, Wye, 4 Wire Alternator - 60Hz, Reconnect, Full Output, 105C, 40C Ambient, Increased Motor Starting (IMS) Alternator Heater, 120 Volt AC Aluminum Sound Attenuated Level 2 Enclosure, with Exhaust System Enclosure Color - Green, Aluminum Enclosure - Wind Load 180 MPH, ASCE7-10 Larger Battery Rack Skidbase - Housing Ready Control Mounting - Left Facing PowerCommand 1.1 Controller Gauge - Oil Pressure Stop Switch - Emergency Relays - Auxiliary, Qty 2, 25A - 15V DC/10A - 30V DC Signals - Auxiliary, 8 Inputs/8 Outputs Control Display Language - English Load Connection - Single Circuit Breaker, Location A, 100A, 3P, 600 Volts AC, 80%, UL Engine Governor - Electronic, Isochronous Single Gas Fuel - NG or LP Vapor Engine Starter - 12 Volt DC Motor Engine Air Cleaner - Normal Duty Battery Charging Alternator Battery Charger - 6 Amp, Regulated Engine Cooling - Radiator, High Ambient Air Temperature, Ship Fitted Shutdown - Low Coolant Level Extension - Coolant Drain Engine Coolant - 50% Antifreeze, 50% Water Mixture Coolant Heater, Extreme Cold Ambient Engine Oil Heater - 120 Volts AC, Single Phase Engine Oil Standby 5 Year 2500 Hour Parts+Labor+Travel Literature - English Packing - Skid, Poly Bag Extension - Oil Drain</p>	1

<p>AT5</p>	<p>Green Sound Level 2 Intake Baffle - Ship Loose</p> <p>Sound Level2 Baffle, Shipped Loose</p> <p>12VDC Engine Starting Battery - 700CCA</p> <p>Alarm Installation Kit-Audible, Engine Shutdown</p> <p>Control Kit-Digital Inlet/Outlet Module Expansion, PC Network, AUX 102</p> <p>Fuel Strainer-Natural Gas, 1 1/4"NPT Inlet/Outlet</p> <p>OTECA, OTEC Transfer Switch-Electronic Control: 125A OTEC125, Transfer Switch-Electronic Control, 125 Amp Listing - UL 1008/CSA Certification Application - Utility to Genset Cabinet - Type 1 Poles - 3 (Solid Neutral) Frequency - 60 Hz System - 3 Phase, 3 or 4 Wire Voltage - 480 Volts AC Genset Starting Battery - 12V DC PC40 Control Auxiliary Relay - 12 Volts DC Coil - Installed Only Aux Relay - Emergency Position - 12 Volts DC Aux Relay - Normal Position - 12 Volts DC Interface - Communications Network, MODBUS RTU Module Control Panel, Security Key Cover Transfer Switch Warranty - 5 Year Comprehensive</p> <p>Delivery of Equipment to Jobsite</p> <p>Service - Travel Time & Mileage, Start Up Labor with 2-Hr Load Bank Testing, and Personnel Training</p>	<p>1</p>
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TOTAL (not including tax): \$ 40,100.00

Price Adder –

1. Release order after April 26, 2024, please add \$5,210
2. Upgrade to NEMA 3R outdoor transfer switch enclosure, please add \$499



NOTES & EXCEPTIONS:

1. Written specifications & drawings were not provided for the equipment within this quote.
2. OTPC model automatic transfer switch is obsolete and no longer available.
3. Proposal is for equipment only, offloading, rigging, and installation by others.
4. Fuel and permits, unless listed above, is not included.
5. Standard Start-up & testing is included. Additional tests, such as NETA testing, if required, is by others.
6. Coordination Study not provided.
7. Fuel Requirements – 933.8 CFH @ 6”-13” WC at the genset under FULL load.

Please feel free to contact me if you require any additional information; or if you have any further questions or concerns that I may be of assistance with.

Thank you for choosing Cummins.

Submitted by:

Brandon VanderWest, Senior Sales Representative
brandon.vanderwest@cummins.com
(616) 204-4995

SUBMITTALS. An order for the equipment covered by this quotation will be accepted on a hold for release basis. Your order will not be released and scheduled for production until written approval to proceed is received in our office. Such submittal approval shall constitute acceptance of the terms and conditions of this quotation unless the parties otherwise agree in writing.

THERE ARE ADDITIONAL CONTRACT TERMS AND CONDITIONS ATTACHED TO THIS QUOTATION, INCLUDING LIMITATIONS OF WARRANTIES AND LIABILITIES, WHICH ARE EXPRESSLY INCORPORATED HEREIN. BY ACCEPTING THIS QUOTATION, CUSTOMER ACKNOWLEDGES THAT THE CONTRACT TERMS AND CONDITIONS HAVE BEEN READ, FULLY UNDERSTOOD AND ACCEPTED.

Authorized Signature

Date

Company Name

Printed Name & Title

Purchase Order No

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4/18/2024

Aaron Nyboer
Holland Township
207 W. Lakewood
Holland, MI 0
616-396-1891

Quote Number: 24HZ024

Re: Drenthe Ball Park Lift Station LS #25

Dear Aaron,

Thank you for the opportunity to provide Holland Township with this quote for Drenthe Ball Park Lift Station LS #25.

Scope of Work

1. Provide and install S.S. panel to house the power disconnects, transformer, distribution panel, cathodic protection panel, and owner provided ATS.
2. Excavate for conduits, generator pad, and power panel.
3. Install concrete pad, conduit, and wire for generator.
4. Install meter socket and conduit for Consumers Power.
5. Relocate the existing cathodic panel in the new panel.
6. Provide and install all conduit and wire between the new panel and the drywell.
7. Install new concrete pad for panel.
8. Replace concrete around the drywell.
9. Set generator on pad.
10. Provide and install two bollards.
11. Electrical permit.

Any modifications to the scope of work listed above must be approved by Parkway, and a written change order completed before the requested work will be performed.





Customer Responsibilities

The customer will be responsible for the following:

- Provide Generator.
- Provide ATS.

Notes & Assumptions

This proposal has been prepared under the following assumptions:

1. No training is included in this proposal.
2. This proposal is based on all work being performed at a regular hourly rate, unless noted. If there is a need to accelerate the schedule, Parkway will provide a quote, with overtime, for the requested shortened schedule.
3. All changes by an authority having jurisdiction or authorization to do so will alter this proposal.
4. Any painting of electrical conduit, equipment, etc. will be done by others.
5. Where the price of material, equipment, or energy increases prior to acceptance of a quote, the quote sum may be adjusted.
6. No allowances are included in this proposal.
7. No electric/cable/telephone/gas/etc... fees or usage charges are included in this proposal.
8. Nothing in this quote should be construed as a substitute for a consultation with a tax professional.

Pricing

Pricing for the services outlined in the above scope of work is shown below.

Quote Amount:\$39,434.00

If paying via credit card a 3% processing fee will be added.

The quoted price includes sales, use excise or other similar taxes.

Quotation Terms & Conditions

This quotation is subject to the Parkway Electric & Communications LLC standard terms and conditions, and is valid for 30 days. For a complete listing of the Parkway standard terms and conditions, please refer to the "terms of sale" link located on our website at www.parkwayelectric.com





Milestone Payment Schedule

The project will be billed according to the milestone payment schedule outlined below:

- A 25% down payment will be invoiced upon receipt of the signed quote or Purchase Order.
- Monthly billing of labor & materials.
- Last 10% upon delivery of final documentation.

If you have any questions regarding this quotation, do not hesitate to contact me at 616-820-1119.

Customer Acceptance

Please reference 24HZ024 on any purchase orders generated from this quotation.

Accepted by

Date

Title

Thank you for the opportunity to provide Holland Township with this quotation.

Sincerely,

Greg Fowler

Estimator- Project Manager

