



City of Muscatine

ITEM NUMBER 2025-0012

AGENDA ITEM SUMMARY

DATE: 1/16/2025

STAFF

Jon Koch, Water Pollution Control Plant Director

SUBJECT

Request to Approve the Issuance of a Purchase Order to Davenport Electric Contract Company, in the Amount of \$55,317.00, for the Purchase of Replacement Electrical Equipment at the Houser Lift Station.

EXECUTIVE SUMMARY

Request to Approve the Issuance of a Purchase Order in the Amount of \$55,317.00 to Davenport Electric Contract Company for the purchase of replacement electrical equipment at the Houser Lift Station.

STAFF RECOMMENDATION

Staff recommends approval of this request.

BACKGROUND/DISCUSSION

The WRRF recently bid the Houser Lift Station Upgrade Project but the lowest bids came in over budget. WRRF staff will do the project in phases to complete the needed work at a reduced cost to attempt to remain within a reasonable budget. The electrical phase of the project is the most important as it is considered maintenance of electrical assets and necessary for the continuous operation of the station. This will replace exposed wiring and running buried wire to the station avoiding potential loss of power. It will also replace aging electrical panels and allow for a portable generator to supply power to the station in the event of loss of power. Two quotes were received for this phase of the project with the low quote coming from DECCO in the amount of \$55,317.00. Tri City had a quote of \$101,395.00.

CITY FINANCIAL IMPACT

This is part of the capital plan and is a budgeted project.

ATTACHMENTS

1. Electrical Houser LS Project.250103
2. Electrical TCE Quote Houser LS Project.250113

#Na



**davenport
electric**
contract company

PROPOSAL SUBMITTED TO Muscatine Water & Resource Recovery Facility			PHONE	DATE 03-Jan-25
STREET 1202 Musser St.			JOB NAME Houser Street Lift Station Upgrade Project	
CITY Muscatine,	STATE IA	ZIP CODE 52761	JOB LOCATION 1301 Houser Street Muscatine, IA	
ATTENTION Jeremy Pozin	Email Address jpolzin@muscatineiowa.gov	EST # 24-14959	FAX NUMBER	

We hereby submit specifications and estimates for:

1. Remove and dispose of electrical service, electrical panels, transformer, and pump motor starters.
2. Provide and install a new 200 amp 480 volt service - 2" conduit with four #3/0 wires, 200 amp meter base, generator manual transfer switch and cables, 480 volt 200 amp panel, 7.5 kVA transformer, 120/240 volt 100 amp (40 amp main breaker) single phase panel and grounding.
3. Provide and install two 15 HP Yaskawa series GA800 VFDs in place of the existing motor starters. Provide and install control wiring from VFDs to existing control panel. Programming by others.
4. No lighting, control equipment, devices or additional equipment wiring is included.
5. No taxes are included.
6. All work to be completed during normal working hours of 7:00 am - 3:30 pm Monday - Friday

We Propose hereby to furnish material and labor--complete in accordance with above specifications, for the sum of.

Fifty-five thousand three hundred seventeen and 00/100

dollars \$55,317.00

Payment to be made as follows. Net 30 days

All material is guaranteed to be as specified, all work to be completed in a workmanlike manner according to standard practices. Any alteration of deviation from above specifications involving extra costs, will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents, or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance. SERVICE or FINANCE CHARGES are applicable on past due accounts at the rate of 1-1/2% per month on amounts 30 days past due, which is equal to an ANNUAL PERCENTAGE RATE OF 18%. Such charges are shown as "SERVICE CHARGE". There is no SERVICE CHARGE if accounts are paid within 30 days of the end of the month in which purchases are made.

Authorized
Signature Darrin Plett

NOTE: This proposal may be
withdrawn by us if not accepted within 30 days

Acceptance of Proposal The above prices, specifications,

and conditions are satisfactory and are hereby accepted. You are authorized

to do the work as specified. Payment will be as outlined above

Date of Acceptance _____

Signature _____

Signature _____

Email: davenportelectric@davenportelectric.com

529 Pershing Ave., P.O. Box 4229, Davenport, Iowa 52808 ■ Phone: 563/326-6475 ■ Fax: 563/326-6477



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1-13-25

Houser Street Lift Station Upgrade Project
City of Muscatine
Muscatine, Iowa

RE: Houser Street Lift Station
Estimate Number:

Tri-City Electric Co. is pleased to provide the following scope of work:

- **Provide labor to demo and dispose of existing electrical equipment and material feeding equipment**
 - Weather head and riser
 - Pull box
 - 240V, 3PH, 3W Panel H
 - XFMR 3KV
 - 120/240V, 1PH Panel L
 - 240V disconnects to 2 pumps
- **Provide and install new 480V service from utility pole to lift station**
 - Trench in 2" conduit from utility pole to new meter base
 - Pull in 4 #3/0MCM wire from pole to meter socket leaving 50' at pole for utilities
 - Back file trench with voltage marker tape and compact to specifications
 - Utilities will terminate at pole and meter
 - Utilities will demo existing overhead 240V service from utility pole to lift station
- **Provide and install electrical equipment with conduit and wire**
 - Meter base
 - CB-01 (200A) Main service breaker
 - GDS-01 Generator docking station and MTS
 - 480V Panel (200A)
 - Ceiling mounted XFMR T 7.5 (7.5 KVA)
 - 240V Panel (40A)
 - (2) Yaskawa VFDs
- **Provide and install conduit and wire from 240V panel to existing control panel**
- **Provide and install conduit and wire to VFDs**
 - Install VFDs feeding the pumps
 - Make terminations to pumps and test rotation
- **Provide and install conduit and wire to (2) junction boxes noted on sheet UE.3**
 - Re-feed existing 120v loads per 240V panel schedule
- **Provide and install grounding system for new service per detail 1 on sheet UE.7**
 - Perform ground electrode test under normal conditions
- **All work will be performed on straight time**

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Excludes:

- Work related to demolition and installation of new lighting, receptacles, HVAX, and control work
- Work related to new pull boxes above the VFDs for future metering CT'S
- Work related to new conduits and wiring in the basement dry well area
- Work related to programming VFDs
- City Staff will perform work on the existing motors necessary to convert to 480-volt power

Clarifications:

- Any nonproductive time experienced by Tri-city Electric personnel due to circumstances beyond the control of Tri-City Electric Co. will be invoiced on a cost-plus basis per current rates.
- We are not responsible for damaged or defective material provided by others.
- Unless otherwise noted, we are responsible for work performed by others. We are responsible for work performed by subcontractors in the employ of Tri-City Electric.

Total: \$101,395.00

This proposal excludes any Allowances or Contingencies.

We have not included any conduit, wiring, connections, disconnects, starters, variable frequency drives or related control wiring to any equipment shown on the mechanical drawings and not on the electrical drawings.

Tax exemption certification will be provided by the city. This will exclude sales tax and user tax.

Thank you for the opportunity to quote this project. Please feel free to call with any questions concerning this quote.

Sincerely,

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Tri-City Electric Co.

6225 N. Brady Street | Davenport, IA 52806 | 563.322.7181
1821 Ingersoll Avenue | Des Moines, IA 50309 | 515.288.7181

www.tricityelectric.com



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Troy L White

Troy White
Estimator/Project Manager
Electrical Construction
Direct Ph.563.823.1691
E-mail: twhite@tricityelectric.com

Notes

Due to the increasing rise in copper, aluminum, steel and PVC products Tri-City Electric reserves the right to review and adjust all material pricing on a daily basis. Bid is based on the daily market rate for goods and commodities reflected by the submitted date of this proposal. Tri-City Electric reserves the right to increase said bid accordingly to reflect the market rates on the day of receipt of the Purchase Order. Changes will be shown in documentation through commercial quotes, invoices, and/or receipts for such goods and commodities if applicable. Bid is subject to the terms of a mutually acceptable contract.

Tri-City Electric shall have the option to withdrawal this proposal if not accepted within 10 days from its date. Work is to be performed during a standard 8-hour workday between 7:00 AM and 3:30 PM, Monday through Friday. Payments are due every 30 days as the work progresses. A 1.5% service charge will be applied to all outstanding account balances over 30 days past due.

Please note: As the global COVID-19 situation continues; material lead time, material pricing, and manpower scheduling is subject to change in the event of adverse situations caused by pandemic effects. We appreciate your business and will work closely with you to minimize any possible impacts to your project.

Excavation Notes

Proposal is based on normal soil conditions for trenching, auguring and excavation. If TCE encounters rock, debris, old foundations, high water, loose or unstable soil conditions additional charges will be added respectively. All excavation spoils are to remain on site. If included in bid for removal is based on CLEAN, Non-Contaminated soil removal and does not include remediation or special hauling fees, treatment charges and special permits relating to contaminated soils. Owner/General Contractor is responsible for all excavated areas if not specified and included in the scope of work.

Non Solicitation of Employees

By acceptance of this proposal, customer agrees not to directly or indirectly recruit, solicit, hire or induce any employee of Tri City Electric Company or any affiliate thereof, to terminate his or her employment with Tri City Electric Company. This restriction does not apply to solicitation of any employee of Tri City Electric Company or any affiliate thereof, who Tri City Electric Company has terminated due to job

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elimination or reduction in work force. Contractor agrees that it must obtain written consent of Tri City Electric Company prior to hiring any such Tri City Electric Company employee. The duties, objections and restrictions set forth in this paragraph shall expire upon the first anniversary of the conclusion date of the engagement contemplated in this proposal.

Force Majeure

If the Subcontractor is delayed at any time in the commencement or progress of the Work by diseases, epidemics, pandemics, including but not limited to labor or material shortages, unusual delay in deliveries, restrictions on access or travel, unavoidable casualties or other causes beyond the Subcontractor's control, then the contract times shall be extended.

Other Terms

TCE is proposing a price for the scope of its work based on the assumption the parties will execute a commercial reasonable subcontract agreement, such as an unmodified ConsensusDOC 751, Short Form Agreement between Contractor and Subcontractor, or AIA A401, Standard Form of Agreement between Contractor and Subcontractor.

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