



AGENDA ITEM SUMMARY

DATE: 09/22/20

City Council

STAFF

Jon Koch-Director WRRF

Clint William-Lift Station Supervisor/Assistant Maintenance Manager WRRF

SUBJECT

Sunset Lift Station Control Panel Relocation

EXECUTIVE SUMMARY

Water and Resource Recovery Facility staff have received two bids to relocate the control panel for the Sunset Lift Station from a below grade vault to an above ground structure to avoid damage and/or failure due to flooding. The low bid was received from Decco Electric in the amount of \$7,585.00. Staff recommends issuing a purchase order to Decco Electric for this work.

STAFF RECOMMENDATION

Staff recommends issuing the purchase order and moving the control panel as soon as possible to avoid critical failure due to flooding of the control vault.

BACKGROUND/DISCUSSION

The Sunset Lift Station is located at the west end of the Muscatine Slough. The pumps and all controls are located in a vault below grade. A failing sump pump recently flooded the control and pump vault but did not harm the control panel as the flooding was stopped before it reached critical components. Several critical pieces of equipment are kept in stock for back-up but not an entire control system. Relocating the control panel above grade to avoid damage from flooding is recommended at this time. A second bid was received from Shaw Electric in the amount of \$10,500.00. Other bids were requested but no others were received.

CITY FINANCIAL IMPACT

A pump for the Cannon Lift Station was budgeted to be purchased this year for \$30,000.00. A new pump for the Sunset Lift Station was recently purchased for \$19,640.00 by deferring the Cannon pump purchase leaving \$10,360.00 for this control panel relocation. This will leave \$2,775.00 for any remaining needs as they arise. A new pump will be budgeted next year to replace the Cannon pump.

ATTACHMENTS

Two bids for the relocation project.

#Nam
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**davenport
electric**
contract company

PROPOSAL SUBMITTED TO Muscatine Water Pollution Control Plant			PHONE (563) 263-2752	DATE 09-Sep-20
STREET 1202 Musser Street			JOB NAME Relocate Pump Controls	
CITY Muscatine	STATE IA	ZIP CODE 52761	JOB LOCATION	
ATTENTION Clint Williams	Email Address cwilliams@muscatineiowa.gov	EST # 20-11022	FAX NUMBER	

We hereby submit specifications and estimates for:

- 1) Install customer supplied 3" conduit in a trench from existing ground junction box to new pump control structure.
- 2) Remove existing feeder cables from pump controller in pit back to ground junction box and pull the same cables into new conduit to new controller location.
- 3) Unwire and remove pump controller from pit and install in new pump control structure.
- 4) Provide and install a conduit from antenna to new controller location. Rework coax cable to new controller location.
- 5) Provide and install a 3" conduit from the new controller structure to the existing 3" conduit at the pit.
- 6) Provide and install pump motor wires and control wires in 3" conduit.
- 7) All work to be completed during normal working hours of 7:00am-3:30pm Monday-Friday.

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

Seven Thousand Five Hundred Eighty-five & 00/100----- dollars \$7,585.00

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, Est.

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 _____



Quote 20-0935
September 21, 2020

TO: Clint Williams

RE: Panel Relocate Muscatine, IA

It is with a great deal of pleasure we submit this proposal in the amount of **\$10,500.00 Ten Thousand Five Hundred Dollars** on the above referenced project.

Inclusions

- Trenching
- Installation of owner provided 3 ½" conduit
- Relocating existing panel and transformer from underground to new concrete pad
- New conduit and wire to Refeed all existing equipment underground
- Removal of existing 3 ½" conduit that is next to the ladder
- Material tax
- Labor

Exclusions

- Overtime/weekend work
- Any locates needed
- Anything else not mentioned above

Notes

- It is understood owner will provide equipment to hoist cabinet out of manhole
- We would need a 1-2 week notice before beginning work

If any other information or breakouts are needed on this quote, please feel free to contact me. Thank you for the opportunity.

Sincerely,

Gabriel J Burden

Gabe Burden

Shaw Electric Inc | 930 East River Dr. | Davenport, IA 52803

Industrial, Commercial, and Residential Electrical Solutions

930 East River Drive, Davenport, IA 52803 | 563.323.3611 | shawelec.com