



## MEMO

To Mayor and City Council  
From Robin Bowman, Public Works Superintendent  
Date September 8, 2020  
Re Lift Station # 5 Rehab.

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The City has in the 2020 Capital Improvement Budget \$50,000.00 for Lift Station # 5 Rehab. Staff has requested 3 quotes. Only received one.

<u>Vender</u>	<u>Cost</u>
Minnesota Pump Works No response, they came out and looked at the site	
Quality Controls & Integration Inc.	\$26,800.00
Try State Pump & Control No response, they came out and looked at the site	

### Attachments

Bid from Quality Controls & Integration Inc.

### Council Action Requested:

Motion to approve the attached quote from Quality Controls & Integration Inc. in the amount of \$26,800.00 to Rehab Lift # 5 with a savings of \$23,200.00 from that fund.



Bid from Quality Controls & Integration Inc.



800 6th St. N.W.  
New Prague, MN 56071  
Office: (952) 758-9445  
Fax: (952) 758-9661

<b>Quotation</b>	
To: <u>Tonka Bay, MN</u>	Date: <u>7/24/2020</u>
	From: <u>Cory Malay</u>
	Phone: <u>(952) 221-9800</u>
Attn: <u>Robin</u>	

Re: <u>Lift Station #5 Upgrade</u>
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**Item A**

**LS # 5 Upgrade**

This will consist of replacing and installing the remaining piping components. Please see my itemized parts and labor breakdown below.

Qty	Description
1	Discharge Piping Rehab to Include: <ul style="list-style-type: none"> <li>(2) 6' Long 4" Diameter, Flange by Plain End Discharge Pipes, Ductile Iron Concrete Lined</li> <li>(2) 4" Weighted Arm Check Valves, Flange by Flange</li> <li>(2) 4" 90 Degree Elbows, 4"</li> <li>(2) 4" Gate Valves, Flange by Flange</li> <li>(2) 4" Flange Coupling Adapters</li> <li>(A/R) 4" Bolt and Gasket Kits</li> </ul>
1	Installation
1	Freight to Jobsite

**Lift Station; Control Panel;** Duplex pump control panel for operation on 240 Volt, 3-Phase, 4-Wire, 60-Hz incoming service. The enclosure is single door suitable for free standing, NEMA 4X, 304 Stainless Steel with leg and skirt kit. Aluminum inner dead-front door, 3-point pad-lockable handle and steel (painted white) component chassis will be provided. The system will provide control for two (2) 10 HP submersible pumps in response to wet well level as sensed transducer (primary) and float switches(back-up).

Qty	Description
1	UL698A Listed
1	Insulated Enclosure
1	CB; Main Disconnect; 3P; 240VAC; Service Entrance Rated
1	CB; Pump Disconnect; 3P; 240VAC
1	Motor starter, with adjustable overload
2	Feeder Breaker; 1-pole; for misc. loads (10A controls, 15A GFI)
1	Power Distribution Block
1	Convenience Receptacle; GFI; 15A
1	Phase Monitor
1	Surge Arrestor; 3-Phase
1	Heater; Fan-forced; 200W; Thermostatically controlled
1	Pump Protective Module (Overtemp & Seal Fail); with socket
1	Switch; 3-position; (H-O-A)
1	Light-Pilot; P-T-T; 120VAC FV; LED; Green (pump running)
1	Light-Pilot; P-T-T; 120VAC FV; LED; Red (pump overtemp)
1	Light-Pilot; P-T-T; 120VAC FV; LED; Amber (pump seal fail)
1	Push Button; (each pump reset)



- 1 Runtime meter; non-resettable
- A/R Control Relay; 3PDT; 120VAC; w/ Indicating Light (includes socket)
- 1 Ground Lug; 3-Conductor
- 1 Float controller with intrinsically safe circuit extensions
- A/R Terminal Block; Single; 18-10AWG
- A/R Alarms & status wired to terminals for future connection to RTU, including pump req, run, fail, etc.
- 1 Alarm Strobe; Red; 120VAC; enclosure top mounted
- 3 Float Switch; Suspended; Non-mercury; 60 ft cable
- 1 A1000I Submersible transducer assembly, 60 ft cable
- 1 Wiring diagrams, bills of material, equipment data sheets, etc.
- 1 Onsite start-up of pump control panel and instrumentation
- 1 2 Year Warranty
- 1 Data pocket
- 1 Sensaphone Sentinel Alarm dialer
- 1 Stainless Steel Cable Rack
- 1 Installation (transfer of power by others)

<u>Qty</u>	<u>Description Spares</u>
1	Phase Monitor
1	Relay with base, fuses, bulbs
1	PLC
1	Alarm Dialer

**Total Sell Price for Item A is \$26,800.00** (any applicable taxes)

**Terms:**

Quotation is valid for 30 days. Based upon Quality Flow Systems Standard Terms and Conditions of Sale; copy provided upon request.

**Exclusions:**

The city will provide a vac truck to pump the lift station dry

**Proposed Delivery Schedule:**

3 - 4 Week Delivery

Thank you for this opportunity to be of service to you. If you have any questions, please don't hesitate to call. 952-221-9800

Sincerely,

*Cory Malay*  
Cory Malay