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## MEMORANDUM

Date: November 5, 2025

To: Scott Pryzbilla, City of Marshall  
Assistant Superintendent, Wastewater Treatment Facility

From: Jon D. Peterson P.E., Bolton & Menk, Inc.

Subject: Main Lift Station Renovation  
City of Marshall, Minnesota  
Project No.: 25X.138898  
City Project WW-046

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Bidding documents have been prepared for the Main Lift Station Renovation project. The general scope of the project includes the following:

The Main Lift Station is located on Kossuth Street, in Justice Park. This facility was constructed in 1972. It has four vertical turbine pumps installed in a drywell. Influent flow is screened with a mechanical screen before the influent wet well. The planned renovation of this facility includes the following:

- Removal of four vertical turbine pumps.
- Installation of four new vertical turbine pumps.
- Installation of new piping in the drywell well structure. This includes new pump inlet and outlet isolation, 16" plug valves, and new 16" rubber flapper check valves.
- Installation of new power and control wiring between the existing motor control center and the new pumps.
- Painting of new valves and piping.
- Coatings in structures upstream of the lift station.
- Replacement of the diversion sluice gate in Special Structure No. 1.
- Demolition of the abandoned lift station structure adjacent to the Main Lift Station.
- Replacement of the forcemain on the site.
- Bypass pumping of the lift station during renovation work in the structures upstream of the lift station.

The estimated construction costs of the project are summarized in Table 1 on the following page.

<b>Table 1: Estimated Construction Costs, Main Lift Station Renovation</b>	
<b>Cost Item</b>	<b>Budgetary Cost</b>
Overhead, project management	\$115,000.00
Isolation of pumps	\$ 5,000.00
Removals/demolition	\$ 25,000.00
Pump install-material	\$425,000.00
Check valves, 4- 16" valves	\$ 60,000.00
Plug valve, 4- 16" valves with handwheel	\$ 35,000.00
Plug valve, 4- 16" valves with chainwheel	\$ 35,000.00
Piping modifications-materials	\$100,000.00
Pump, valve, and piping install-labor	\$ 80,000.00
Pump install-electrical	\$ 45,000.00
Paint-piping	\$ 30,000.00
Bypass pumping	\$100,000.00
Coating special structure No. 1	\$ 45,000.00
Coating manhole at 35 SW 28	\$ 35,000.00
Replacing 30" sluice gate materials	\$ 20,000.00
Replacing 30" sluice gate labor	\$ 15,000.00
Abandon old lift station	\$ 35,000.00
Furnish and install bypass manhole	\$ 25,000.00
Furnish and install new 20-inch forcemain	\$140,000.00
Allowance/Contingency	\$130,000.00
<b>Total</b>	<b>\$1,500,000.00</b>

The proposed schedule for bidding, contract award, and contract completion is as follows:

- Council Authorizes Bids November 10, 2025
- Advertise for Bids November 13, 2025
- Accept Bids December 10, 2025
- Council Awards Contract December 22, 2025
- Execute Contract January 10, 2026
- Construction Substantially Complete September 30, 2026
- Contract Complete October 30, 2026