FOR IMMEDIATE RELEASE
April 11th, 2024

CONTACT: Jack Hughes, Project Engineer
517.853.4470 | *hughes@meridian.mi.us*

ADDENDUM #1
County Park Lift Station Replacement 2024

Addendum #1 includes one (1) revised contract page: SP-5.
Please note: you must sign this addendum and include it with your proposal.

This addendum is intended to clarify a conflict between the Plans and Special Provisions regarding the protective lining and thickness class of pipes. Sheet 3 of the plans *correctly* states all Ductile Iron pipe must be H_2S resistant, however the Special Provisions only require an interior cement lining.

Pipe Protective Lining

1) Pay Item 8b "Pump Station, Mechanical Items" has been altered to reflect the need for H_2S protection in all Ductile Iron piping.

Pipe Thickness Classification

2) Sheet 3 of the Plans also states all Ductile Iron pipe is to be Class 52. Pipes requiring threading may instead be Class 53 or 54.

Date _____ Company Name _____

By _____ Address _____
Signature

_____
Printed Name

Title _____ Phone Number _____

Email Address _____

The community of Meridian Township is in close proximity to the Michigan State Capitol and Michigan State University. The Township serves the community through exceptional services, beneficial amenities and an outstanding quality of life. It is a welcoming community that celebrates quality education, recreation and lifestyles.

Pipe within the wet well and the valve vault shall be coated with two coats of a coal-tar epoxy finish at 8.0 to 10.0 dry mils per coat. Spray application is necessary to obtain required film thickness. Spray application shall be made in crosshatches to achieve required dry film thickness. Brush or roller application will require additional coats to obtain the required film thickness at no additional expense to OWNER. Additional coats to meet the dry film thickness requirements must be applied within 24 hours of application of first coat of coal-tar epoxy. CONTRACTOR shall provide adequate protection of adjacent areas to protect against overspray.

Ductile iron pipe and fittings to be ground-buried shall be coated by manufacturer on the outside with an asphaltic coating, 1 mil thick, in accordance with AWWA C151 and C110 (ANSI A 21.51) ~~and cement-lined, standard thickness, in accordance with AWWA C104/ANSI 21.4.~~ The pipe shall be supplied with and wrapped in polyethylene encasement in accordance with AWWA C105 (ANSI 21.5) and shall be installed following Method "A".
All ductile iron pipes shall be lined with Protecto 401, or an approved substitute, providing resistance to chemicals commonly encountered in wastewater, including Hydrogen Sulfide.

Discharge pipes through the wall shall be installed after the hole has been re-cored, if necessary, to allow installation of a watertight wall sleeve, boot and/or link seal. The wall sleeve shall be of the same material as the pipe. All loose rust, scale, grease, or oil shall be removed prior to pouring of the concrete. Rubber link seals shall be identical rubber links interconnected with bolts and elongated nuts and washers. The sealing element shall be made of synthetic rubber material especially compounded to resist aging, ozone, sunlight, and chemical action. Bolts and metal parts shall be made of galvanized or cadmium-plated steel to resist corrosion. Rubber link seal joints shall be submitted to Township Engineer for approval.

8c. **PUMP STATION, CONCRETE -** This pay item includes all labor, equipment, and materials necessary to install the concrete pad as shown on the plans. An expansion joint shall be installed between the concrete around the lift station and the pavement of the parking lot. If construction occurs during cold weather, take necessary precautions to ensure a proper temperature is maintained during the curing process. It will be paid for at the Contract Unit Price after being successfully installed.

8d. **PUMP STATION, CONTROL PANEL -** This pay item includes all labor, materials, and some equipment necessary to install a new control panel as depicted and described in the contract. The Control Panel and External Junction Box (Terminal Box) has been purchased by Meridian Township and fabricated by IDC Corporation. It will be paid for at the Contract Unit Price after being successfully installed and tested.
Transportation of the Control Panel and Junction Box from IDC Corporation to the Project Site will be the responsibility of the contractor. Follow all manufacturer specifications and guidance during transport and installation of the Control Panel. Installation of conduit and wiring to the Generator, Wetwell and Pumps is included in this item. See the "Lift Station Electrical and Control Specifications" Technical Specification and Appendix D for control panel details and address of IDC Corporation. Consumers Energy will install the power supply for this project and plans to re-use the meter, meter socket, wiring and conduit from the existing transformer to the meter socket.
The contractor shall furnish and place a Unistrut rack, or approved equal, on the north side of the Control Panel to mount the existing Electrical Meter. The Antenna mast will also be secured to this via bracket as shown in Appendix D. The contractor shall furnish and install two (2) mercury float switches at the elevations shown on the Plans. The float switches shall be Conery 2900-B1S1C1 types of the appropriate length.

Electrical Wiring:
All wiring shall be done in accordance with the National Electrical Code. Conduit shall be full size, vinyl-coated, rigid, galvanized steel and sized according to the NEC, unless larger sizes are shown on