



## ADDENDUM NO. 1

For

Huron Mountain Club  
Wastewater Pumping System Improvements  
Engineer's Job No.: H190-03237

This Addendum, issued this 7th day of November 2023, is to clarify, modify and/or change the original bidding document and forms as part of the contract documents.

Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the bidder to disqualification.

This Addendum No. 1 consists of two (2) pages, as well as the Prebid Conference notes.

The specification revisions may be presented with new words in **bolds**, and existing words to be omitted by ~~striking out~~.

### General

1. Pre-bid Meeting Notes, attached.
2. Division 23:
  - a. Specification 23 21 24 – Process Pumps
    - Revise section 2.3 and 2.4 as follows:

2.3 RAW SEWAGE PUMP: Install three (3) horizontal centrifugal pump as shown on the plans and as specified.

A. Operating Conditions and General.

1. Pump shall be equivalent to Sulzer ABS XFP 100E CB1 oil cooled dry pit 4x4, or Engineer approved equal, ~~6-~~ **approximately 10** HP, 1,750 RPM, rated for 282 gpm at 40 feet TDH.
2. Pump shall be horizontal dry pit, close coupled, single passage, high efficiency, clog free impeller capable of passing a 3" diameter solid, large solid passage capable of passing rags, and other fibrous material without clogging, mechanical seal, long radius suction elbow.
3. Pump volute, backplate, and suction piece shall be close-grained cast iron.
4. Suction ~~liner~~ **plate** shall be ~~high chrome iron adjustable liner with~~

- ~~adjusting shims~~ **adjustable to maintain clearance.**
5. Power supply: 3 ph 480 volt.
  6. Motor shall be 3/60/230/460 V, ~~TEFC~~ **IEEE (Premium Efficiency)**, Inverter duty rated, insulation class F capable of being controlled by a variable frequency drive (VFD) controller.
  7. Pump shall not overload the motor nameplate rating at any point on the pump curve.
  8. Minimum Service Factor: 1.15
- B. Provide VFD controller for each pump, sized for ~~10~~ **15** hp motor, speed control by station PLC control.
1. Normal operation: On/Off; ramp up to 100%, ramp down to 0%.
- C. Pump check valves shall be a weighted arm, dampened, cast iron swing check valve.
- D. Pump assembly installation shall include fittings, spool pieces, and expansion joint on pump discharge.
- 2.4 SEWAGE EFFLUENT/ DOSING PUMP: Install three (3) vertical centrifugal pump as shown on the plans and as specified.
- A. Operating Conditions and General.
1. Pump shall be equivalent to Sulzer ABS XFP 81E VX oil cooled dry pit 4x4, or Engineer approved equal, **approximately** 20 HP, 3520 RPM, rated for 160 gpm at 90 feet TDH.
  2. Pumps shall be vertical dry pit, close coupled, single passage, high efficiency, clog free impeller capable of passing a 2" diameter solid, large solid passage capable of passing rags, and other fibrous material without clogging, mechanical seal, long radius suction elbow.
  3. Pump volute, backplate, and suction piece shall be close-grained cast iron.
  4. Suction ~~liner~~ **plate** shall be ~~high chrome iron adjustable liner with adjusting shims~~ **adjustable to maintain clearance.**
  5. Power supply: 3 ph 480 volt.
  6. Motor shall be 3/60/230/460 V, TEFC, Inverter duty rated, insulation class F capable of being controlled by a variable frequency drive (VFD) controller.
  7. Pump shall not overload the motor nameplate rating at any point on the pump curve.
  8. Minimum Service Factor: 1.15
- B. Provide VFD controller for each pump, sized for **25** hp motor, speed control by station PLC control.
1. Normal operation: On/Off; ramp up to 100%, ramp down to 0%.
- C. Pump check valves shall be a weighted arm, dampened, cast iron swing check valve.
- D. Pump assembly installation shall include fittings, spool pieces, and expansion joint on pump discharge.

Huron Mountain Club  
Wastewater System Pumping Improvements

Engineer's Project No. H190-03237

**Pre-Bid Conference Agenda**

11/2//2023, 11:00 am.

Introduction

Sam Desmet, General Manager: Huron Mountain Club, (906) 458-0551,  
[hmc2.sam@gmail.com](mailto:hmc2.sam@gmail.com)

Andrew Keranen: UPEA Project Manager, (906) 482-4810, [ajkeranen@upea.com](mailto:ajkeranen@upea.com)

Project Overview

A. CONTRACT: WASTEWATER SYSTEM PUMPING IMPROVEMENTS

1. Construction of a Wetwell/Drywell with triplex pump systems for raw sanitary sewer and septage dosing pumps. Includes pump controls and flow meter.
2. Sanitary sewer piping, manholes, and forcemain.
3. Demolition and abandonment of existing sanitary sewer holding tank and pump station.
4. Restoration of gravel roads, gravel parking lot, and turf restoration.

Bid Requirements

- Bid Opening:
  - Contract: Bids due Tuesday November 14, 2023, at 11:00 A.M. Eastern Time at the office of U.P. Engineers and Architects, Inc.; 100 Portage Street; Houghton, MI 49931.
- Bid Package: Review required documents.
- Bid Form has a 60-day bid hold period.
- 5% Bid Bond Required (EJCDC No. C-430) or Certified Check.

Wage Requirements

Davis Bacon Wage Rates – Not required.

## Funding Source

Huron Mountain Club

## Budget

Construction Budget: \$500,000

## General Items

- Project consists of one (1) unit price Contract. Understand measurement and payment Sections 01 20 00 for contract.
- Soils Report: Soil bores included in plan set.

## Tentative Schedule

- Bid opening 11/14/2023
- Bid analysis/review/recommendation 11/15/2023 – 11/20/2023
- Owner approves tentative award 12/1/2023
- Compile Contractor agreement/bonds/insurance 12/1/2023 – 1/1/2024
- Preconstruction conference Week of 1/15/2024
- Construction contract time
  - Substantial Completion May 15, 2024
  - Ready for Final Payment May 31, 2024

Liquidated Damages: after Substantial Completion \$800/day  
After Final Completion \$200/day

Liquidated Damages shall be additive and will be imposed concurrently.

## Sequence of Work (Section 01 10 00)

### Questions/Comments:

1. Club has a dump for trees and stumps approximately 1 ¼ miles west of site.
2. Club has a sand pit for borrow sand near their maintenance yard. There is on gravel source on the property.
3. Contractor may remove trees as necessary to perform the work, or to create a laydown yard next to the site, coordinate with Club Manager Sam Desmet.
4. Payment of pay applications will typically be within a week of Engineer approval.
5. If lead times for pumps, controls, flow meter, electrical components, etc. extends completion time out beyond contract times, the Contractor shall provide a detailed record of communications with the supplier and letters from supplier detailing reason for material delays.

6. Along the north edge of the site, north of the proposed manhole, along the wood fence, buried less than 1 foot deep; are a Ferrell gas main and a Range Telecommunications fiber optic lateral.
7. Contractor will encounter old unused utility lines during the work, for instance there is a thick DC power line running through this area that has been abandoned. All utility crossings, protection of utilities, and repair of damage utilities is incidental to the Contract. Miss Dig will not perform a complete location of all utilities, for example the Club water and sewer mains are not on the Miss Dig system, and their precise locations are not known. Contractor will be responsible for locating all utilities.
8. The fire hydrant located near the project site will remain live and available for Contractor use.

