UPEA ENGINEERS & ARCHITECTS
100 Portage Street Houghton, MI 49931
906-482-4810 • 800-562-7684 • Fax: 906-482-9799

ADDENDUM NO. 4

For

Chassell Township
Seventh St. Lift Station
Engineer's Job No.: C05-01377

This Addendum, issued this 20th day of January 2022, 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. 4 consists of two (2) pages.

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

<u>Specifications</u>

1. Division 26:

    a. Specification 26 29 23 – Variable-Frequency Motor Controllers:

    - Revise Section 1.10 – C, on page 26 29 23-2 as follows:
      C. Provide one spare VFD, rated **40hp** ~~50hp~~, 3-phase, **240-volts** ~~460-volts~~.

    - Add **Yaskawa** to Manufacturers in Section 2.1 – A on page 26 29 23-3

    - Revise lines 1. & 2. in Section 2.1 – C, on page 26 29 23-3 as follows:
      1. Rated Input Voltage: **240-volts** ~~460 volts~~, three-phase, 60 Hertz.
      2. Motor Nameplate Voltage: **230-volts** ~~460 volts~~, three phase, 60 Hertz.

    - Add line 6. to Section 2.1 - D, on page 26 29 23-3 as follows:
      6. Provide line reactors/filter chokes for all VFD's.

2. Division 33 – Utilities

    a. 33 09 30: Instrumentation and Controls for Sanitary Sewage Utilities
        - Revise line 3. in Section 2.2 – D, on page 33 09 30-3 as follows:

            3. Motor starters/controllers shall be variable speed drives **or NEMA class full voltage magnetic motor starters**, with overload relays and reset buttons operable through inner door cutouts.

END OF ADDENDUM NO. 4