



THE CITY OF
MT. PLEASANT, MICHIGAN

CITY HALL

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PUBLIC SAFETY

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PUBLIC WORKS

1303 N. Franklin • 48858-4682
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PRE-BID ADDENDUM NO. 2

Project Bid: 2014 Pickard Street Lift Station – Pump & Piping Replacement

Bid Date: July 15, 2014
Time: 1:30 p.m.

Opening: Office of the City Clerk
City Hall
320 West Broadway St.
Mt. Pleasant, MI 48858

Addendum Issued By: Division of Public Works

Date Issued: July 11, 2014

Intent: To correct the size of the elbows and check valves in the valve chamber. The elbows are 6" x 8". The check valves are 8". The existing pumps are 4", but are to be replaced with 6" pumps.

Bid Proposal: Updated and attached. **Please indicate receipt of both Addendum 1 and 2 on page one of the Proposal where indicated.**

Upon completion of the project, the Contractor shall provide the City with one set of as-built drawings.

Specifications: Updated and attached.

City of Mt. Pleasant, Michigan
BID PROPOSAL
2014 PICKARD STREET LIFT STATION
PUMP AND PIPING REPLACEMENT

TO: Office of the City Clerk
City Hall
320 West Broadway St.
Mt. Pleasant, MI 48858

BID DATE: July 15, 2014
TIME: 1:30 p.m.

The undersigned, as Bidder, hereby declares that this bid is made in good faith without fraud or collusion with any person or persons bidding of the same Contract; that he has carefully read and examined the Contract Documents, including the Notice to Bidders, Instructions, Bond Forms, Technical and Detailed Specifications, and Contract Drawings, for the designated work and understands all of the same; that he, or his representative, has made such a personal investigation at the site as is necessary to determine the character and difficulties attending the execution of the proposed work; and he proposes and agrees that if this Proposal is accepted, he will contract with the Owner in the form of the Contract hereto annexed, to provide necessary machinery, tools, apparatus and other means of construction, including utility and transportation services, necessary to do all the work and furnish all the materials and equipment specified or referred to in the Contract Documents, including Addenda No. __, __, and __, in the manner and time therein prescribed, and according to the requirements of the Owner as therein set forth to furnish Contractor Bonds and Insurance required of the Contractor by the Contract Documents, and that he will take in full payment therefore the unit prices set forth in the following Proposal.

The Bidder understands that the Owner reserves the right to reject any or all bids, and to waive any irregularities in the bidding.

The Bidder agrees that his bid shall be good and may not be withdrawn for a period of sixty (60) calendar days after the scheduled closing time for receiving the bids.

Upon receipt of a written Notice of Award of the Bid, the Bidder shall execute the formal Contract Agreement attached hereto within ten (10) days and shall deliver to the Owner a Surety Bond or Bonds required. In the event the Contract and Bond are not executed within the time above set forth, the Bid Deposit attached in the sum of five percent (5%) of the Bid Proposal shall become the property of the Owner as liquidated damages for the delay and additional expense to the Owner caused thereby.

The Bidder hereby agrees to commence work under this Contract on or before the date to be specified in the written Notice to Proceed executed by the Owner and to fully complete the project as stipulated in the Special Conditions of these Specifications. The Bidder further agrees to pay as liquidated damages the sum indicated in the Special Conditions for each consecutive calendar day thereafter, until substantial completion, that is when all work items in the proposal are complete and notification of substantial completion of work items and final quantities is given to the Director of Public Works by the contractor.

The unit prices below shall include all labor, materials, equipment, overhead, profit, insurance, etc., to cover the finished work of the several kinds specified, and the Bidder agrees to perform all of the work described in the Specifications and/or shown on the Plans for the following unit prices:

DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL
Remove and replace two (2) 4" submersible pumps, bases, rails, discharge piping and two (2) 8" check valves including all related mechanical, plumbing and electrical work. New pumps to be 6" discharge.	1	LSUM	\$ _____	\$ _____

Please specify pump brand _____

_____ and ____/100
Dollars.

(written)

RESPECTFULLY SUBMITTED,
COMPANY NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP CODE _____

TELEPHONE _____ FAX _____

EMAIL _____

AUTHORIZED SIGNATURE _____

PRINT NAME AND TITLE _____

DATE _____

City of Mt. Pleasant, Michigan
2014 PICKARD STREET LIFT STATION PUMP
AND PIPING REPLACEMENT
Specifications – Corrected – July 11, 2014

Description

The City of Mount Pleasant is seeking bids for the removal and replacement of two (2) 4" submersible pumps, bases, rails, 8" check valves and discharge piping from the wet well at the Pickard Street Lift Station. The successful bidder will be responsible for all mechanical, plumbing and electrical work needed to return the Lift Station to full operation.

Specifications

- The existing pumps are 4"ABS 10HP, capable of pumping 550 gpm at 20' TDH. **Replacement pumps will be 6" discharge.** The successful bidder will provide calculations and pump curves to show that pumps specified will meet the duty requirements.
- **The existing 4" pumps discharge increases to 6" by way of 4" x 6" flanged reducers just above the pump bases. The 6" discharge piping enters the valve chamber, where it is increased to 8" by way of 6"x 8" elbows that connect directly to 8" swing check valves. Replacement 6" pumps will use 6" discharge piping into the valve chamber up to the new 6"x8" elbow and 8" check valves to be provided.**
- Pumps will be manufactured by Flygt, Vaughn, or ABS. Other Pump brands may be considered as Alternates.
- Pumps must be compatible with existing Multitrode Pump Control Panel. Guide plates will be bolted to the pumps. One spare guide plate will be provided.
- Two dual rail systems will allow easy removal of the pumps from the wet well by means of a stainless steel lifting chain. The rails, brackets, supports and hardware will be stainless steel.
- Pumps will mount to the bases by way of a slip disconnect seal flange that will be self-centering and water tight when the pumps are in place.
- Discharge piping will be 6" fusion welded HDPE, and shall meet the requirements of AWWA C901 and C906.
- Check valves will be horizontal swing check valves with outside lever and weight.
- Connection to the discharge piping will be by fusion welded flanges secured by stainless steel bolts, nuts and washers.

- Discharge piping will be secured to the walls of the wet-well in at least two places; first at approximately half the vertical rise of the piping and then at the top where the piping transitions from vertical to horizontal. Other supports will be provided as necessary to provide a secure and workmanlike installation.
- All electrical connections within the wet well will be waterproof and suitable for hazardous locations.
- Pumps will be connected to and controlled by an existing Multitrode Pump Panel.
- A site visit will be required before Bids will be accepted. The site visit must be arranged three days in advance by calling (989) 779-5453.
- **Contractor shall furnish one set of as-built drawings to the City upon completion of the project.**