

City of Mt. Pleasant, Michigan

CONTRACT DOCUMENTS

for

2015 Island Park Lift Stations Upgrade



JIM HOLTON
Mayor

NANCY RIDLEY
City Manager

Prepared By:
Division of Public Works

JOHN ZANG
DPW Director

April 2015

TABLE OF CONTENTS

2015 Island Park Lift Stations Upgrade

Bidding Information

Notice to Bidders
Instructions to Bidders

Contract Documents

Proposal

Specifications



THE CITY OF
MT. PLEASANT, MICHIGAN

CITY HALL

320 W. Broadway St. • 48858-2447
(989) 779-5300
(989) 773-4691 fax

PUBLIC SAFETY

804 E. High • 48858-3595
(989) 779-5100
(989) 773-4020 fax

PUBLIC WORKS

1303 N. Franklin • 48858-4682
(989) 779-5400
(989) 772-6250 fax

NOTICE TO BIDDERS

2015 ISLAND PARK LIFT STATIONS UPGRADE

The City of Mt. Pleasant, Michigan, is requesting sealed bids at the Office of the City Clerk, City Hall, 320 West Broadway Street, Mt. Pleasant, Michigan 48858, until 1:30 p.m. (local time), Tuesday, May 12, 2015 at which time and place the bids will be publicly opened and read. All bids shall be submitted in a sealed envelope, plainly marked "2015 Island Park Lift Stations Upgrade - Tuesday, May 12, 2015".

Proposals are solicited on a lump sum basis, for the following work:

Lift station, valve chamber and junction chamber upgrades, per specifications

A mandatory pre-bid meeting is scheduled for 10:00 a.m. on Thursday, April 30, 2015, at the Division of Public Works office, 1303 North Franklin Street, Mt. Pleasant, Michigan.

All bid proposals must be accompanied by a bid bond, bank cashier's check, bank draft, or certified check for not less than five percent (5%) of the bid price, made payable to the City of Mt. Pleasant.

Complete specifications are available on the City's website at www.mt-pleasant.org, and navigate to the Bids and Quotes page.

The City of Mt. Pleasant reserves the right to accept or reject any or all bids, to waive any irregularities in the bids, and to select the bid considered most advantageous to the City.

Steve Hein
Asst. DPW Director /
Wastewater Plant Superintendent
(989) 779-5453

Jeremy Howard
City Clerk

City of Mt. Pleasant, Michigan
INSTRUCTIONS TO BIDDERS

1. **Proposals**

Proposals must be made upon the forms provided therefore, with the Bid amount both written and shown in figures, and all other data required submitted.

The Proposal, bound together with all Proposal Documents, must be enclosed in a sealed envelope marked as specified in the Notice to Bidders for such Bid and clearly indicating the name and address of the Bidder and must be received by the City Clerk, City Hall, 320 West Broadway Street, Mt. Pleasant, Michigan 48858, no later than the time and date specified in the Notice to Bidders. At such specified time, Proposals shall be publicly opened and read aloud.

2. **Basis of Proposals**

Proposals are solicited on the basis of unit price(s) and/or lump sum(s), as specified on the Proposal form.

The City of Mt. Pleasant (also referred to as "Owner"), reserves the right to accept any Bid, to reject any or all Bids, to waive any irregularities in the Bids, and to select the Bid considered most advantageous to the city.

3. **Comparison of Bids**

In comparing Bids, consideration shall be given to the time proposed for completion of the Contract, qualifications of Bidder, price differentials, alternate Proposals for the alternate items listed in the Proposal (if applicable), and any other pertinent factors. **The City of Mt. Pleasant grants a preference to businesses located within the Mt. Pleasant City Limits. The preference given is a differential above the low bid if the low bid is not from a City of Mt. Pleasant bidder. The differential allowed is 3% of the total for bids between \$5,000 and \$9,999 and 2% of the total for bids over \$10,000. The maximum credit allowed is \$1500.00.** The Owner reserves the right to make an award to the Bidder whose Proposal is deemed to be in the best interest of the Owner.

4. **Time**

Time is of the essence in the performance of the Contract, and each Bidder, by submitting a Proposal, certifies his/her acceptance of the time allowed by the Contract for the completion of the work specified.

5. **Indemnification**

The Contractor shall save and hold harmless the city and its employees from and against all claims, damages, losses, or expenses, including attorney's fees, arising out of or resulting from the performance of the work; provided that any such claim, damage, loss or

expense is caused in whole or in part by any negligent or willful act of omission of the contractor, subcontractor, employee, or anyone under their direction. The Contractor shall at his/her own expense, defend any and all such actions and shall pay all attorney's fees, costs, and expenses pertaining thereto.

6. **Bid Deposits**

Each Proposal shall be accompanied by a certified check, or a Bid Bond by a recognized Surety Company similar to a U. S. Government Standard Form Bid Bond, in the amount of five percent (5%) of the total amount of the Bid, made payable to the City of Mt. Pleasant, subject to forfeiture to the Owner in the event of failure on the part of the successful Bidder to enter into the attached form of agreement to do the work specified by said Proposal at the price and within the time stated therein. The Bid Deposit of all Bidders, except the three (3) lowest acceptable Bidders, shall be returned within two (2) weeks after opening of bids. The bid deposits of the three (3) lowest acceptable bidders shall be returned within 48 hours after the executed Contract(s) have been finally approved by the Owner.

7. **Liquidated Damages**

A liquidated damage clause, as given in the Contract form, provides that the Contractor shall pay the Owner as liquidated damages, and not as a penalty, the amount as indicated in Section 108.11 of the 2003 MDOT Standard Specifications for Construction for each and every calendar day that the Contractor may be in default of substantial completion of the work required under said Contract.

8. **Insurance and Bonds**

The successful Bidder will be required to execute (2) Bonds, in the form attached hereto, with Surety acceptable to the Owner and insurance, as follows:

- a. Bond in the amount of 100% of the Estimated Contract Price running to the City of Mt. Pleasant, Michigan, to insure the completion of the entire work, according to the statutes of the State of Michigan in effect at that time.
- b. Bond in the amount of 100% of the Estimated Contract Price running to the People of the State of Michigan for the protection of Subcontractors and Labor and Material Men, according to the statutes of the State of Michigan in effect at that time.
- c. Insurance in the amounts required by City Ordinance as specified in the Section 1 - General Construction Specifications, attached hereto.

The successful bidder shall be required to furnish for each set of executed Contract Documents, and conformed copies thereof, an original conformed Performance Bond, Labor and Materials Bond, Maintenance Bond, and Insurance Certificates.

9. **Permits and Local Codes**

The Owner shall procure the required permits for municipal sanitary sewer construction, municipal water system construction, and soil erosion control.

The Contractor shall obtain, at his/her expense, all other required local construction permits and shall comply with local building code and inspection requirements.

10. **Qualifications of Bidders**

It is the intent of the Owner to award the Contract to a Bidder fully capable, both financially and with regard to experience, to perform and complete all work in a satisfactory and timely manner. Evidence of such competency must be furnished on the forms included in the proposal, listing projects of similar difficulty, scope of work, and size, which the Bidder has satisfactorily undertaken and completed.

It is the intention of the City to award the contract to a Contractor whose ability and financial resources are fully equal to the task of performing the work in a satisfactory manner. With this in view, the Proposal calls for at least five (5) references, using specific names of persons to contact concerning the Contractor's ability to do this particular class of work. References from municipalities are preferred. The mere ability to furnish a Performance Bond shall not be accepted as sufficient evidence of responsibility on the part of the Bidder. The Bidder may also be required to furnish evidence of his current financial status.

11. **Interpretation of Documents**

If any Bidder is in doubt as to the true meaning of any part of the Plans, Specifications or any Contract Document, he/she may submit to the Owner a written request for an interpretation thereof. Any interpretation made in response to such a query shall be made only by Addendum, duly issued, and a copy of such Addendum shall be mailed or duly delivered to each prospective Bidder. The Owner shall not be responsible for any other explanation or interpretation of the Contract Documents. Alternative proposals that are suggested by bidders will be given consideration, if presented before the bid opening. If accepted, an addendum will be issued and sent out to all potential bidders, so that they may bid on the alternatives that have been identified.

12. **Execution of Bid Proposal**

A Bid Proposal, which is not signed by the individual making it, should have attached thereto a Power of Attorney evidencing authority to sign the Bid Proposal in the name of the person for whom it is signed.

A Bid Proposal, which is signed by a partnership, shall be signed by all of the partners or by an Attorney-in-Fact. If signed by an Attorney-in-Fact, there should be attached to the Bid a Power of Attorney evidencing authority to sign the Bid Proposal in the name of the partnership and such Power of Attorney shall be signed by all partners of the partnership.

A Bid Proposal, which is signed for a corporation, should have the correct corporate name thereof and the signature of the President, or other authorized officer(s) of the corporation, manually written below the corporate name and on the line indicating "By:_____." If such a Bid Proposal is manually signed by an officer other than the President of the corporation, a certified copy of a Resolution of the Board of Directors evidencing the authority of such officer(s) to sign the Bid Proposal should be attached thereto. Such a Bid Proposal should also bear the attested signature of the Secretary of the corporation and an impression of the corporate seal.

13. **Execution of Contract**

The successful Bidder to whom an award is made shall be required to enter into a written agreement, in the form attached hereto, within ten (10) days after receipt of a Notice of Award and copies of the documents to be executed. In the event the successful Bidder fails to comply with this provision, he/she may be considered by the Owner to have abandoned all his/her rights and interests in the award and his/her certified check or amount of the Bid Bond may be declared to be forfeited to the Owner, and the Contract may be awarded to another.

14. **Bidder Responsibility For Conditions of Work and Site**

The Bidder, or his/her representative, shall make personal investigation of the site of work and of existing structures and shall determine to his/her own satisfaction the conditions to be encountered, the nature of the ground, the difficulties involved in making connections to existing structures and pipes, and any and all other factors affecting the work proposed under the Contract.

The Bidder to whom the Contract is awarded shall not be entitled to any additional compensation by reason of conditions being different from those anticipated or by reason of his/her failure to fully acquaint himself/herself with the conditions at the site affecting the work of the Contract.

15. **Changes in Work**

If any change is required to be made in the work of the Contract, a payment adjustment therefore shall be determined as specified in Section 103 of the 2003 MDOT Standard Specifications for Construction.

Revised: March 2011

City of Mt. Pleasant, Michigan
BID PROPOSAL

2015 ISLAND PARK LIFT STATIONS UPGRADE

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

BID DATE: May 12, 2015
TIME: 1:30 p.m.

The undersigned, as Bidder, hereby declares that his 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 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 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.

This Bid must be reviewed and accepted by both the City of Mt. Pleasant and the Michigan Department of Transportation. The Bidder agrees that his bid shall be good and may not be withdrawn for a period of ninety (90) calendar days after the scheduled closing time for receiving the bids.

The Bidder hereby agrees to commence work under this Contract on or before date to be specified in the written Notice to Proceed executed by the Owner.

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
Both lift stations, valve chamber and junction chamber, work completed per specifications	1	LSUM	\$ _____	\$ _____
Alternate Bid #1				
North lift station, valve chamber and junction chamber, work completed per specifications	1	LSUM	\$ _____	\$ _____
Alternate Bid #2				
South lift station, valve chamber and junction chamber, work completed per specifications	1	LSUM	\$ _____	\$ _____

_____ 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
2015 ISLAND PARK LIFT STATIONS UPGRADE

Specifications

Description

The City of Mount Pleasant is seeking bids for the upgrade of two lift stations, valve pit, and chamber located at Island Park. Both stations have one pump per station, currently sized to pump 200 gallons per minute. Both stations are to be upgraded to utilize two pumps, including all new bases, pumps, discharge piping, brackets, and new duplex pump controllers for each station. As-built prints to be provided to the City after the work is completed. All required permits are the responsibility of the contractor.

North Lift Station

The lift station serves the north restroom building. The station pump discharges into a 3" Force Main that enters a junction chamber at the foot of the Lincoln Street Bridge. The pump is in a 500 gallon wet well, and was sized for a peak flow of 10 gallons per minute. The north restroom contains three urinals, four sinks, and four toilets.

The Control Panel is housed inside the utility room of the north restroom.

Scope of Work:

- Provide and install two submersible pumps, bases, rails, discharge piping, check valves and support brackets. *Wet well structure may need to be replaced to provide space for two pumps and equipment.* Pumps will be manufactured by Flygt, with type N impellers. Show calculations to support pump selection based on discharge head and number and type of fixtures.
- Connect pump discharges to existing discharge line.
- Replace existing control panel with a duplex control panel in the same location.
- Provide and install mercury free floats for low level, high level, pump on, and pump off. Provide and install all necessary electrical lines and equipment to make lift station operational.
- Replace plug valves and check valve in valve chamber.
- Provide and install lockable aluminum hatches at least 24"x 24" for wet well and valve chamber. *Concrete covers of wet well and valve chamber may need to be replaced to allow hatch installation.*
- Discharge piping, valves and check valves will be schedule 80 PVC. All brackets and hardware in wet well and valve chamber will be stainless steel.

South Lift Station

The south lift station serves the south restroom building and the warming station. There are a total of three urinals, five sinks, and five toilets to be served. Within the next two years there are plans to add three sinks, four toilets and two urinals to this restroom. This station is also a single pump station, which discharges into a 3" force main to the junction chamber on the northwest side of the bridge. The wet well is 48" in diameter, and has an approximate 30" wide by 30" high fillet at the bottom. In addition, there is a rectangular block chimney on top of the existing round wet well that may need to be removed to allow access to install and pull pumps.

- Provide and install two submersible pumps, bases, rails, discharge piping, check valves and support brackets. Pumps will be manufactured by Flygt, with type N impellers. Show calculations to support pump selection, based on discharge head and number and type of existing and planned fixtures. *If existing wet well structure is to be used the fillet at the bottom will need to be removed to allow installation of two pumps.*
- Connect pump discharges to existing discharge line.
- Replace existing control panel with a duplex control panel in the same location.
- Provide and install mercury free floats for low level, high level, pump on, and pump off. Provide and install all necessary electrical lines and equipment to make lift station operational.
- Provide and install lockable aluminum hatch at least 24"x 24" for wet well. *Concrete cover of wet well may need to be replaced to allow hatch installation.*
- Discharge piping, valves and check valve will be schedule 80 PVC. All brackets and hardware in wet well will be stainless steel.

Junction Chamber

Both lift stations discharge through 3" pipe to a junction chamber at the foot of the bridge. From the north station the chamber is approximately 1000'. The south station is about 400' away. The two discharge lines connect through a wye that discharges to another 3" line that goes up grade to a manhole on Main Street. The difference in elevations between the chamber and the manhole is about 13.5'.

- Remove and replace all equipment in the junction chamber. Install new schedule 80 PVC connecting to the two incoming lines and one discharge line from the chamber. Install a check valve on the discharge line heading to Main Street.
- Any brackets or hardware used in the junction chamber will be stainless steel.

Bidding Options

Bids will be accepted in the following combinations:

1. Both lift stations, valve chamber and junction chamber
2. North lift station, valve chamber and junction chamber
3. South lift station and junction chamber

A site visit is required before bidding on this project. A mandatory pre-bid meeting is scheduled for 10:00 a.m. on Thursday, April 30, 2015, at the Division of Public Works office, located at 1303 North Franklin Street, Mt. Pleasant.

Scheduling

This job must be completed to Owner's satisfaction by October 31, 2015. Work must be planned and carried out to minimize impact on Park operations. Restroom buildings must remain functional during the following times:

- Summer Fest, June 3-7
- MASA Softball Tournaments, July 2-5
- Weekends through September.