

REQUEST FOR BIDS

WATER SYSTEM VALVE REPLACEMENTS



Department of Public Services

1015 S Lincoln Avenue

Three Rivers, MI 49093

(269) 273-1845

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Bidding Information

Performance Bids

The City of Three Rivers is committed to the concept of performance bids. All vendors are encouraged to submit bids which conform to the stated specifications, as well as, suggest deviations from the specifications, which in the vendor's opinion would be beneficial to the City in terms of price and performance. The City reserves the right to accept or reject any bid under these terms.

I. Instructions

- A. Bids must be typewritten or clearly printed in ink and signed by a duly-authorized representative of the firm submitting the quote.
- B. Bids must be submitted in sealed envelopes, clearly marked on the outside, "**Bids for Water Valve Replacement**".
- C. Bids will be received by the Office of the City Clerk, City Hall, 333 West Michigan Avenue, Three Rivers, Michigan, 49093, until **2:00 p.m. local time, Tuesday, April 4, 2017**. All bids will be date stamped and time marked when received.
- D. Faxed or emailed bids shall not be accepted.
- E. If you received this document from our website, please fax your contact information to 269-273-1042 so we can place you on the bidders list for addenda.

II. Conditions Applicable to Bids

- A. Applicable Laws: The Ordinances and Charter of the City and laws of the State of Michigan concerning competitive bidding, contracts and purchases will be employed.
- B. Taxes: The City of Three Rivers is generally exempt from Federal Excise and Michigan State Sales Tax. Prices should not include tax.
- C. If the bidder elects to deviate from the specifications stated, all exceptions or other changes must be clearly noted.
- D. The City reserves the right to reject any and all bids, waive informalities or defects in bids, or accept such bids as it shall deem to be in the best interest of the City of Three Rivers.
- E. The City does not discriminate on the basis of race, color, national origin, sex, religion, age or disability in employment or the provision of services.
- F. The Contractor shall provide proof of Liability and Workman's Compensation Insurance and a completed W-9 form prior to award.
- G. The successful bidder shall provide the City with a copy of their liability insurance policy in the amount of \$2,000,000 (Two million Dollars) which names the City of Three Rivers as second insured.
- H. Anticipated award is at the **April 18, 2017** Commission meeting. Final completion of this project shall be no later than **June 30, 2017**.

III. General

References

All materials, equipment and traffic control measures shall conform to the current Michigan Department of Transportation (MDOT) “Standard Specifications for Construction” and MDOT “Manual of Uniform Traffic Control Devices” as well as the latest edition of the “American Society of Testing Materials” (ASTM).

Scope

S Main at 4th St

This project includes the replacement of one valve and the installation of a second valve at the intersection of S Main (M-86) and 4th St. Timing shall be such that a detour is not in place at this location June 13 thru 18.

Wood St at 5th Ave

This project involves the installation of three valves at the intersection of Wood St and 5th Ave.

Washington St at 5th Ave

This project involves the installation of two valves at the intersection of Washington St and 5th Ave.

The work includes the removal of existing pavement, excavation to watermain, replacement and/or installation of water valves, backfilling with compaction, and installation of pavement. Traffic control is also required by the contractor. Valves shall be cut in, not insert-a-valve EJ Resilient Wedge with a curb box as defined in the attached specifications.

Measurement and Payment

The measurements which shall be used for payment are listed on the included bid form.

Base Bid item may be awarded without awarding either bid alternative. Bid alternatives may be awarded together or separately.

Traffic Control

The Contractor shall make sure proper detours are posted and the roadway is open to traffic as soon as possible.

Timing Limitations

The City is having the water tower repainted during the month of May (current schedule). Valves shall not be replaced during tower painting.

Bid Form

The undersigned having familiarized (himself/themselves) with the local conditions affecting the cost of the work and the Contract Documents hereby proposes to perform all work, furnish all labor, materials, necessary tools, equipment, utility and transportation services necessary to perform and complete in a workmanlike manner all work required for project in accordance with the specifications as prepared by the Department of Public Services, City of Three Rivers, Michigan, for, including Addenda No. ____ issued thereto, the following unit prices:

COMPANY _____

ADDRESS _____

CITY _____ STATE _____ ZIP CODE _____

SIGNATURE _____ TITLE _____

TELEPHONE _____ DATE _____

EMAIL _____

Water Valve Replacements

Item No.	Item Description	Quantity	Unit	Unit Price	Total Price
1	S Main at 4th St	1	LS		
Total Base Bid					
2	Wood St at 5th Ave	1	LS		
3	Washington St at 5th Ave	1	LS		
Total Bid Alternative					

SECTION 02557

VALVES

PART 1 GENERAL

1.01 SCOPE

- A. This Section includes furnishing and installing valves, valve boxes, floor boxes, extension stems, and appurtenances as specified, shown on the drawing.
- B. Valves in hydrant assemblies are included in this Item.

1.02 SUBMITTALS

- A. Submittals shall be in accordance with the requirements of Sections 01300 and shall include:
 - 1. Shop Drawings for Review:
 - a. Manufacturer's assembly drawings and parts list including model number and materials of construction.
 - 2. Information for the Record:
 - a. A certificate of compliance with AWWA C-509, or AWWA C-504 shall be submitted, if required by the Engineer.
 - b. Certification of NSF approval.

PART 2 PRODUCTS

2.01 GATE VALVES

- A. Gate valves shall be cast iron body, bronze mounted, AWWA C-509 resilient seat, nonrising stem type with mechanical joint ends.
- B. Valves shall be furnished with an O-ring seal incorporating two rubber O-ring seals.
- C. Valves shall be designed for 150 psi working pressure and shall be shop tested at 300 psi pressure, with the pressure held on the valve for at least one minute.
- D. Unless specified otherwise, valves shall be designed to open in counterclockwise directions with an arrow indicating the direction for opening. Wrench nuts shall be 2 inch square.
- E. Iron parts shall be painted before leaving the shop with two coats of acceptable high grade bituminous paint or epoxy paint.
- F. Bolts and nuts on buried valves shall be a low alloy steel cathodic to the valve body and having a minimum yield strength of 45,000 psi. All other nuts and bolts shall be low carbon steel conforming with the mechanical and chemical requirements of ASTM A-307, Grade B.

2.02 RESERVED.

2.03 RESERVED.

2.04 RESERVED.

2.05 ACCESSORIES

- A. Valve Boxes:
 - 1. All buried valves shall be provided with valve boxes. Valve boxes shall be standard, three-piece screw type, cast iron adjustable boxes, with tops of boxes set flush to finished grade. Valve boxes shall not be less than 5 inches in diameter

and shall have a minimum thickness at any point of 3/16 inch The cover shall have cast thereon an appropriate name for the kind of service for which the valve is used.

2. A valve box shall be provided for each curb stop. At least three keys shall be furnished to operate curb stops.
3. All parts of valve boxes, bases, and covers shall be coated by dipping in bituminous varnish.
4. Extension stems shall be provided for buried valves when the operating nut is 3 feet or more below finished grade. Extension stem shall extend operating nut to within 16 inches of the ground surface, shall be provided with spacers which will center the stem in the valve box, and shall be equipped with 2 inch square wrench nut. Extension stems shall meet the requirements of this section.

PART 3 EXECUTION

3.01 COORDINATION

- A. The Contractor shall coordinate the installation of any valves in live water mains with the Owner.
- B. The Contractor shall provide the Owner with written notice at least 24-hours before such a valve installation is to take place.

3.02 INSTALLATION

- A. Gate Valves:
 1. Valves shall be installed in their respective positions, free from distortion and stress. Connecting joints shall be as specified in Section 02555.
 2. Where specified, the anode caps shall be installed on exposed bolts and nuts on valve.
- B. Accessories:
 1. Valve Boxes shall be installed in a plumb position and in alignment with the operating nut.
 2. Valve Box with extension stems.
 3. Extensions stems and stem guides shall be in alignment with operating nut and prevent binding and stresses on connecting pins.

PART 4 SPECIAL PROVISIONS

4.01 U.S.A. MADE MATERIALS

- A. All valves, fitting, and other materials specified under this Section shall be exclusively made in the continental United States of America (U.S.A.).
 1. The submittals for this Section shall clearly label the origin of the material.
 2. If the material is not American made it must be clearly stated within the submittal and the reason for not using an America made product must be stated as well.
 3. The Engineer may determine whether a non-American made product will be accepted.

END OF SECTION