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Public Works

City Transit
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MEMORANDUM

Equipment Maintenance
Roadway Maintenance
Collection & Drainage
Building & Grounds
Engineering

To: Gregg Mandsager, City Administrator
CC: Fran Donelson, Secretary
FROM: Randy Hill, Public Works Director
DATE: February 11, 2015
RE: West Hill Phase III Plans & Specifications

INTRODUCTION:

The City of Muscatine is engaged in a major sewer separation project entitled West Hill Sanitary and Storm Sewer Separation as required by a 2007 consent order from the EPA to meet the Clean Water Act.

BACKGROUND:

The West Hill Sewer Separation Project is part of a multiple phase, long term project expected to be completed in 2028. The goal is to separate storm and sanitary sewers and eliminate all of the Combined Sewer Overflows (CSO).

RECOMMENDATION/RATIONALE:

Phase III is divided into three projects:

- 3A in 2015 estimated to cost \$1.6 million
- 3B in 2016 estimated to cost \$2.0 million
- 3C in 2017 estimated to cost \$2.4 million

Construction will comprise sewer separation, full width pavement replacement with some sidewalk replacement and sodding. Excavated trench material will be taken to the ravine fill site at the end of W. 6th (Phase II area).

Muscatine Power and Water is also providing plans and specifications for an alternate bid to replace water mains in the project area. The estimated cost for this is \$1 million.

The combined \$7 million construction contract should be an attractive project for contractors because it is multi-year and includes both sewer and water infrastructure separation and replacement. Bid opening is scheduled for March 19, 2015.

BACKUP INFORMATION:

- 1.
- 2.
- 3.
- 4.

RESOLUTION NO. _____

**APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT, COST
ESTIMATE AND SETTING DATE FOR RECEIPT OF BIDS**

**FOR: WEST HILL AREA SANITARY AND STORM
SEWER SEPARATION - PHASE III PROJECT**

WHEREAS, there is on file in the Public Works a copy of the plans, specifications, form of contract, and notice to bidders prepared by the Public Works Department for the proposed West Hill Area Sanitary and Storm Sewer Separation – Phase III Project; and

WHEREAS, said plans, specifications, form of contract, and cost estimate have been examined by this Council;

NOW, THEREFORE, BE IT RESOLVED BY THIS COUNCIL that:

1. All objections to the foregoing plans, specifications, form of contract, notice to bidders, and cost estimate are overruled.
2. The foregoing plans, specifications, form of contract, notice to bidders, and cost estimate are finally approved.
3. Date for Receipt of Bids will be March 19, 2015.

(NOTICE TO BIDDERS ATTACHED)

PASSED, APPROVED AND ADOPTED THIS 19th DAY OF FEBRUARY, 2015.

CITY COUNCIL OF THE CITY OF MUSCATINE, IOWA

(SEAL)

DeWayne M. Hopkins, Mayor

ATTEST:

Gregg Mandsager, City Administrator

Notice is hereby given that the City of Muscatine, will receive Bids at City Clerk's Office, City Purchasing Agent, 215 Sycamore Street, Muscatine, Iowa until March 19, 2015 at 10:00 am, local time, for West Hill Area Sanitary and Storm Sewer Separation – Phase 3, at which time Bids will be publicly opened and read aloud. Bids will be acted upon at the regular council meeting on April 2, 2015, or at such later time and place as may then be fixed. Regular council meetings are held on the first and third Thursdays of the month.

General summary of Work to be performed: Installation of sanitary and storm sewer to improve and separate existing West Hill combined sewer system. Work will be constructed under a single unit price Contract. The work is divided into 3 phases (3A, 3B, 3C) to be completed according to the Contract Times defined in the Agreement.

Phase 3A Work includes general construction of approximately 2,000' of new 8" sanitary sewer on Chestnut Street, West Fifth Street, Pine Street, West Seventh Street, and Broadway Street. In addition it includes, approximately 400' of new 15" storm sewer. Work also includes new inlets, inlet piping, full-width pavement removal and replacement, sidewalk construction, sodding, grading, seeding, and filling at the ravine fill site at the west end of Sixth Street and other related work.

Phase 3B Work includes general construction of approximately 1,700' of new 8" sanitary sewer on West Fifth Street, Linn Street, Spruce Street, and Locust Street. In addition it includes, approximately 1,300' of new 12" through 30" storm sewer. Work also includes new inlets, inlet piping, full-width pavement removal and replacement, sidewalk construction, sodding, grading, seeding, and filling at the ravine fill site at the west end of Sixth Street and other related work.

Phase 3C Work includes general construction of approximately 2,800' of new 8" sanitary sewer on West Fourth Street, West Street, Sycamore Street, Broadway Street, and Cherry Lane. In addition it includes, approximately 190' of new 12" and 15" storm sewer. Work also includes new inlets, inlet piping, full-width pavement removal and replacement, sidewalk construction, sodding, grading, seeding, and filling ravine fill site at the west end of Sixth Street and other related work.

Alternate Bid Work includes general construction of water main improvements in the project vicinity of Phases 3A, 3B and 3C and are detailed in the Muscatine Power and Water drawing set titled West Hill Area Phase 3 Water Main Improvements.

Phase 3A Alternative Bid includes general construction of approximately 2,200' of new 6" through 16" water main in the Phase 3A project area. Work also includes valves, hydrants, and fittings to complete the water main work.

Phase 3B Alternative Bid includes general construction of approximately 1,800' of new 6" through 10" and 16" water main in the Phase 3B project area. Work also includes valves, hydrants, and fittings to complete the water main work.

Phase 3C Alternative Bid includes general construction of approximately 3,600' of new 6" and 10" through 16" water main in the Phase 3C project area. Work also includes valves, hydrants, and fittings to compete the water main work.

Bidders shall include a separate bid price for each alternative item of work listed. Alternate Bid for all three phases (3A, 3B, and 3C) will be accepted or rejected at Muscatine Power and Water's option.

Work shall be in accordance with the Bidding Documents, including the Project Manual and Drawings, which are on file at the Issuing Office of the Engineer, Stanley Consultants, Inc., Muscatine, Iowa, from Ms. Mandy Hoag at hoagmandy@stanleygroup.com, telephone 563-264-6657. Drawings include plans sets for West Hill Area Sanitary and Storm Sewer Separation – Phase 3 and West Hill Area Phase 3 Water Main Improvements. Prospective Bidders may examine the Bidding Documents at the Issuing Office on Mondays through Fridays between the hours of 8 am and 5 pm and may obtain copies of the Bidding Documents from the Issuing Office as described below.

Printed copies of the Bidding Documents consisting of 1 Project Manual and 1 full-size sets of Drawings may be obtained from the Issuing Office, during the hours indicated above, upon deposit or payment in the amount of \$150.00 for each set. Additional Bidding Documents may be obtained at the same cost but are nonrefundable. The deposit for 1 base set will be refunded to those Bidders who return the Bidding Documents to the Issuing Office in good condition (suitable for re-use) within 30 days following the Bid opening. Checks for Bidding Documents shall be payable to Stanley Consultants, Inc. Alternatively, Bidding Documents are available in electronic format (PDF) for no charge. Electronic bidding documents may be downloaded from the Issuing Office's secure file transfer website upon request.

Upon Issuing Office's receipt of payment, printed Bidding Documents will be shipped. The date that the Bidding Documents are transmitted by the Issuing Office will be considered the prospective Bidder's date of receipt of the Bidding Documents. Partial sets of Bidding Documents will not be available from the Issuing Office. Neither Owner nor Engineer will be responsible for full or partial sets of Bidding Documents, including Addenda if any, obtained from sources other than the Issuing Office.

A prebid conference will be held at 2:00 pm on March 5, 2015 at Council Chambers at Muscatine City Hall. Representatives of Owner and Engineer will be present to discuss the Project. Attendance at the prebid conference is highly encouraged but is not mandatory.

Each Bid shall be accompanied, in a separate sealed envelope, by Bid security in an amount of not less than 5% of the Bid. Bid Bonds must be executed by corporations authorized to contract as Surety in the State of Iowa and in a form described in the Contract Documents. Bid security shall be forfeited if the Bidder fails or refuses to sign and deliver a signed Agreement and furnish required contract security.

All Bids shall be submitted in triplicate, on forms provided with the Project Manual, to the office of City Clerk, City Purchasing Agent on or before the time specified above.

Upon notification of award, Successful Bidder shall furnish contract security in the form of performance and payment bonds described in the Contract Documents.

Performance of the Work will start within 10 calendar days after date of Notice to Proceed, and shall be completed within the time stated in the Contract Documents.

The City reserves the right to defer acceptance of any Bid for a period not to exceed 35 calendar days after the date Bids are to be received.

The City reserves the right to consider such factors as time of completion of the Work, materials and methods of construction, experience and responsibility of the Bidder, and similar factors in determining which Bid it deems to be in its best interests.

The City reserves the right to reject any or all Bids, to waive informalities or technicalities in any Bid and to accept the Bid which it deems to be in the best interest of the City.

CITY OF MUSCATINE, IOWA

By Gregg Mandsager
City Administrator

Date _____