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Public Works

City Transit  
 263-8152

MEMORANDUM

Equipment Maintenance  
 Roadway Maintenance  
 Collection & Drainage  
 Building & Grounds  
 Engineering

TO: Brian Stineman, PUBLIC WORKS DIRECTOR

FROM: Jim Edgmond, CITY ENGINEER

SUBJECT: Public Hearing for Phase 4 West Hill Sewer Separation Project and Approval of Plans and Specifications for the project.

DATE: January 29, 2018

INTRODUCTION:

This is Phase 4 of the sewer separation project started in 2013 and is scheduled to run through 2028. The design of this project has progressed to the point that the letting schedule can be set. This proposed schedule is shown below.

SET PUBLIC HEARING FOR FEB. 15, 2018	01-18-2018	completed
HOLD PUBLIC HEARING		
APPROVE PLANS AND SPECIFICATION	02-15-2018	pending
RECEIVE AND OPEN BIDS	03-21-2018	
RECOMMEND AWARD	04-05-2018	
REQUEST APPROVAL OF CONTRACT AND PREF. BOND	04-19-2018	

Phase 4B is scheduled to begin construction in February of 2019 and phase 4 C is scheduled to begin in February of 2020.

BACKGROUND:

These yearly projects are to completely separate the older combined sewers in Muscatine. This is due to an EPA mandate. The cost of this project is estimated \$8,461,975.00 with \$1,561,975.00 being reimbursable from MPW for water main work. \$6,900,000.00 is the cost of the City Share for all of Phase 4. See table below for each phase cost breakdown.

SUMMARY OF PHASE 4 COSTS

Phase	MPW Estimate share	City Share	Total Cost
4A	\$15,000.00	\$2,100,000.00	\$2,115,000.00
4B	\$712,972.00	\$2,600,000.00	\$3,312,972.00
4C	\$834,603	\$2,200,000.00	\$3,034,603.00

"I remember Muscatine for its sunsets. I have never seen any on either side of the ocean that equaled them" — Mark Twain

**RECOMMENDATION/RATIONALE:**

The City Engineer requests the approval of the plans and specifications for the West Hill Sewer Separation Phase 4.

**BACKUP INFORMATION:**

NONE.

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 IV 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 IV 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 21, 2018.

(NOTICE TO BIDDERS ATTACHED)

PASSED, APPROVED AND ADOPTED THIS 15th DAY OF FEBRUARY, 2018.

CITY COUNCIL OF THE CITY OF MUSCATINE, IOWA

\_\_\_\_\_  
Diana Broderson, Mayor

ATTEST:

\_\_\_\_\_  
Gregg Mandsager, City Administrator

***NOTICE TO BIDDERS***  
**WEST HILL AREA SANITARY AND STORM  
SEWER SEPARATION - PHASE IV PROJECT**

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 21, 2018 at 2:00 pm, local time, for West Hill Area Sanitary and Storm Sewer Separation – Phase 4, at which time Bids will be publicly opened and read aloud. Bids will be acted upon at the regular council meeting on April 5, 2018, 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 (4A, 4B, 4C) to be completed over three years 2018, 2019, and 2020 according to the Contract Times defined in the Contract. Work includes water main improvements in the Phase 4B and 4C project areas.

Phase 4A work includes general construction of approximately 3,000' of new 8" sanitary sewer on West Seventh Street, Spruce Street, and Locust Street. Work will occur in 2018.

Phase 4B work includes general construction of approximately 2,600' of new 8" and 24" sanitary sewer on West Eighth Street, Sycamore Street, Iowa Avenue, and Pine Street. In addition, it includes approximately 2,000' of new 15" through 30" storm sewer on West Eighth Street, Chestnut Street, and Fuller Street. Water main replacement includes approximately 2,900' of new 6" through 10" main. Work will occur in 2019.

Phase 4C Work includes general construction of approximately 2,700' of new 8" sanitary sewer on Linn Street, West Eighth Street, Roscoe Avenue, Maiden Lane, West Ninth Street, and Iowa Avenue. In addition it includes approximately 200' of storm sewer on West Eighth Street. Water main replacement includes approximately 3,100' of new 6" through 10" main. Work will occur in 2020.

All sub-phases include the following work: new inlets, inlet piping, full-width pavement removal and replacement, sidewalk construction, seeding, filling and grading at the ravine fill site at the west end of Sixth Street and other related work.

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](mailto:hoagmandy@stanleygroup.com), telephone 563-264-6657. Drawings include two plan sets including; West Hill Area Sanitary and Storm Sewer Separation – Phase 4 and West Hill Area Phase 4 Water Main Plans bound together. 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 set of Drawings may be obtained from the Issuing Office, during the hours indicated above, upon deposit or payment in the amount of \$250 for each set. Printed copies of 1 Project Manual and 1 half-size set of drawings is available for deposit of \$75 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 14 days after the award of the project. Checks for Bidding Documents shall be payable to Stanley Consultants, Inc. Alternatively, Bidding Documents are available in electronic format (PDF) for no charge. Upon request, electronic bidding documents may be downloaded from the Issuing Office using a secure file transfer email link. An official plan holders list will be managed only by the Issuing Office.

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 pre-bid conference will be held at 2:00 pm on March 6, 2018 at Council Chambers at Muscatine City Hall. Representatives of Owner and Engineer will be present to discuss the Project. Attendance at the pre-bid 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.

Each Bid shall be accompanied with a Iowa Bidder Status Form. Form is available within project manual. Failure to submit a fully completed Bidder Status Form with the Bid may result in the bid being deemed nonresponsive and rejected.

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, payment, and maintenance 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 factors such as the responsibility and responsiveness of Bidders, including the Bidder's experience, number of employees, and ability to finance the cost of the project in determining Bid selection.

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

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Gregg Mandsager, City Administrator