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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 13, 2012

RE: Resolution Approving Plans, Specifications, Form of Contract, Cost Estimate and Setting Date for Receipt of Bids for the West Hill Sewer Project – Phase I

INTRODUCTION:

The City of Muscatine is under a Federal EPA Consent Order to separate all storm and sanitary sewers by 2024.

BACKGROUND:

For the past 20 years the City has been methodically separating the storm and sanitary sewers in the community. This work has been accomplished using the One Cent Local Option Tax. All of the City's permitted Combined Sewer Overflows (CSO's) have been eliminated with the exception of the Papoose Creek Pump Station. In order to complete the process, a very large and significant separation project of the city's West Hill area must now be undertaken.

RECOMMENDATION/RATIONALE:

Stanley Consultants Inc. has been retained to provide the designs and cost estimates for the West Hill Area Sanitary and Storm Sewer Separation. The overall project will be approached in phases. Phase I is intended to begin in the Spring of 2012. An attached memo from Mike Knott, SCI Principal Scientist and Project Manager, explains the scope of work involved in Phase I. It is staff's recommendation City Council adopt the resolution approving the plans, specifications, form of contract, cost estimate and setting the date for receipt of bids for the West Hill Sewer Separation --- Phase I project. The deadline for submitting bids is March 22, 2012.

The amount budgeted over the next three fiscal years for Phase 1A is \$6,259,268 with the breakdown being \$1,115,000 for fiscal year 2011/2012, \$3,817,000 for fiscal year 2012/2013, and \$1,327,268 for fiscal year 2013/2014.

BACKUP INFORMATION:

1. Project Description – Phase I West Hill Sewer Separation

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 1 PROJECT

WHEREAS, there is on file in the Office of Public Works Department a copy of the plans, specifications, form of contract, and notice to bidders prepared by the Stanley Consultants for the proposed West Hill Area Sanitary and Storm Sewer Separation – Phase I 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 22, 2012.

(NOTICE TO BIDDERS ATTACHED)

PASSED, APPROVED AND ADOPTED THIS 16th DAY OF FEBRUARY, 2012.

CITY COUNCIL OF THE CITY OF MUSCATINE, IOWA

DeWayne M. Hopkins, Mayor

ATTEST:

Gregg Mandsager, City Administrator

(SEAL)

NOTICE TO BIDDERS

Notice is hereby given that City of Muscatine, will receive Bids at City Clerk's Office, City Purchasing Agent, 215 Sycamore Street, Muscatine, Iowa until March 22, 2012 at 10:00 am, local time, for West Hill Area Sanitary and Storm Sewer Separation Phase 1 at which time Bids will be publicly opened and read aloud. Bids will be acted upon at the regular council meeting on April 5, 2012, 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:

This project comprises of general construction of approximately 8,300' of new 8", 10", and 24" sanitary sewer on Sycamore Street, Cedar Street, 6th Street, Iowa Avenue, Linn Street, Spruce Street, and Locust Street. Approximately 1,700' of new 18" and 54" storm sewer on Linn Street, 6th Street, and Locust Street. Work also includes new inlets, inlet piping, three junction structures, pavement replacement as needed to install sewer with full width pavement replacement on Sycamore Street, Cedar Street, 6th Street, Iowa Avenue, Linn Street, Spruce Street, and Locust Street, and clearing, stripping, grading, seeding, and filling ravine at west end of 6th Street with approximately 15,500 cubic yards of fill, and other related work located in Muscatine, Iowa for the City of Muscatine.

Work shall be in accordance with the Bidding Documents, including the Project Manual, and Drawings, which are on file at the office of Owner's Engineering Consultant, Stanley Consultants. A base set of Bidding Documents consisting of 1 Project Manual and 1 full-size set of Drawings may be obtained from Ms. Mandy Hoag, Stanley Consultants, Inc., Muscatine, Iowa, telephone 563-264-6657 upon deposit or payment in the amount of \$100.00. 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 in good condition within 15 days following the Bid opening.

A prebid conference will be held at 10:00 am on March 8, 2012 at Council Chambers at Muscatine City Hall. Representatives of Owner and Owner's Engineering Consultant will be present to discuss the Project.

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.

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.

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 _____

Phase 1 – West Hill Sewer Separation Project

Project Description

The first phase of the West Hill Sewer Separation Project includes:

- **The first segment of the West Side Interceptor, with 2,100' of 24" sanitary sewer beginning with its connection to the existing interceptor inside Papoose Creek Sewer at Sycamore & Alley #2 and extending to 8th Street. The interceptor will exit Papoose Creek Sewer, follow Sycamore for 1 block, and then head diagonally across the parking lot, across from City Hall, to the intersection of 4th and Cedar Streets. It will then follow Cedar Street to 8th Street where it will terminate for the first phase. Subsequent phases will extend the interceptor to the northeast to the end of Papoose Creek Sewer.**
- **2,543' of 10" sanitary sewer on 6th Street from Cedar Street to Locust Street.**
- **3,500' of 8" sanitary sewer on Sycamore Street, Alley #2, Iowa Avenue, Linn Street, Locust Street, Spruce Street and 6th Street.**
- **894' of 54" storm sewer on Linn and 6th Streets. This large sewer is the first segment of storm sewer that will ultimately replace the existing Lower West Branch Sewer.**
- **742' of 18" storm sewer on Locust and Linn Streets.**
- **Nearly all work will be done in public right-of-way. Surface restoration will include both full width PCC pavement and full width asphalt.**
- **There will be new, replaced and repaired sidewalks, driveway aprons, curb and gutter, radius returns and handicap ramps.**
- **All disturbed lawn areas will be sodded.**
- **The Contractor will be required to adhere to a carefully-developed Traffic Control Plan.**
- **Also, the ravine area west of Locust will begin receiving excavated waste material for ultimately raising and draining the ravine floor. Both a new storm and a new sanitary sewer will cross the ravine floor in subsequent phases.**