



Council Communication

Office of the City Manager

Date

April 23, 2007

Agenda Item No. 61
Roll Call No. 07-
Communication No. 07-232
Submitted by: Jeb E. Brewer, P.E.
City Engineer

AGENDA HEADING:

Hearing on 2007 Box Sewer Rehabilitation Program: Resolution approving plans, specifications, form of contract documents, engineer's estimate, receive and file bids, and designating lowest responsible bidder as Proshot Concrete, Inc., Timothy McDougle, President, \$351,431.

SYNOPSIS:

This is a public hearing to allow for public input on the 2007 Box Sewer Rehabilitation Program and take the necessary actions as required by Iowa Code to authorize a contract for construction of the proposed project. This project provides for the lining of storm and sanitary box sewers that have deteriorated due to age. These two box sewers will be lined using the "shotcrete" method, which is a field process whereby concrete with fine aggregate is sprayed from a nozzle onto newly installed reinforcing steel on the inside of an existing sewer to construct a new pipe or box sewer inside the old sewer; thereby adding structural strength to the sewer and creating a new inside wearing surface. This method has proven to be a less disruptive and cost effective way of rehabilitating aging large box sewers.

FISCAL IMPACT:

Amount: \$351,431 Construction Contract (\$395,000 City Engineer's Estimate)

Funding Source: 2007-2008 CIP, Page Storm-5, City-wide Storm Water Utility Projects, STE057, Various Funding, Being: \$50,000 in Storm Water Utility Funds from STE057 for box culvert lining on E. Indianola Avenue, and \$301,431 in Sanitary Sewer Funds for box sanitary sewer lining on High Street from Page Sanitary-11, Lining Sanitary Trunk and Lateral Sewers, SAE049

ADDITIONAL INFORMATION:

On March 26, 2007, under Roll Call No. 07-530, the City Council received and filed plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the 2007 Box Sewer Rehabilitation Program. Before the City Council can enter into a contract, it must hold a public hearing and approve the proposed plans, specifications, and form of contract documents and engineer's estimate for the construction of the 2007 Box Sewer Rehabilitation Program, 08-2007-003. The improvement includes lining with "Shotcrete" and restoration of 70 LF of 8'x10' box culvert on E. Indianola Avenue between Olinda Avenue and E. Gray Street as well as lining of 700 LF of 5' x 10' box sanitary sewer on High Street between 22nd and 24th Streets in Des Moines, Iowa; all in accordance with the contract documents including Plan File Nos. 472-070/072.

Sealed bid for said improvement was submitted by the following bidder:

- Proshot Concrete, Inc., Florence, AL

The bid was received and opened at a public meeting presided over by the City Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D Ray Drive, Des Moines, Iowa at 11:00 a.m. on April 10, 2007.

Only one bid was received; however, four companies that specialize in shotcrete work had requested bidding documents, and indicated that they were interested in bidding the project. Engineering Department staff contacted the three companies that did not bid the project and discovered that two of the companies had bid conflicts and could not get their bid prepared and bid security in time to submit their bid prior to the published bid time of 11:00 a.m. on April 10, 2007; while the third company could not fit construction of this project into their existing workload, and decided not to submit a bid. The bid submitted by Proshot Concrete, Inc. is approximately \$44,000 (11%) under the engineer's estimate, and the City Engineer recommends acceptance of the single bid.

The City Engineer has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by Proshot Concrete, Inc., Timothy McDougle, President, 4158 Musgrove Drive, Florence, AL, 35630 in the amount of \$351,431, and said bid should be accepted. The Finance Director has determined that funds are available for said improvement as stated above.

PREVIOUS COUNCIL ACTION(S):

Date: March 26, 2007

Roll Call Number: 07-530

Action: Ordering construction of the following: [2007](#) Box Sewer Rehabilitation Program-Receiving of bids, (4-10-07), and Setting date of hearing, (4-23-07). (Construction Estimate - \$395,000.) ([Council Communication No. 07-160](#)) Moved by Hensley to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Partial payments to the contractor and final acceptance of work.