



CITY COUNCIL ACTION REPORT

July 19, 2010

TO: John Szerlag, City Manager

FROM: Mark F. Miller, Acting Assistant City Manager/Economic Development Services
Steven J. Vandette, City Engineer *SJV*

SUBJECT: Agenda Item – Standard Purchasing Resolution #1: Award to Low Bidder
Contract 10-1 – Section 35 Water Main Replacement

Recommendation:

- It is recommended that City Council award a contract for the Section 35 Water Main Replacement to Bricco Excavating Company, LLC, 21201 Meyers Road, Oak Park, MI 48237 for their low total alternate #1 bid amount of \$1,549,084.50. In addition, we are requesting authorization to approve additional work, if needed, not to exceed 10% of the original project cost. Enterprise funds are being used to fund this project; enterprise funds can only be used for operation, maintenance and improvements to the water system.

Background:

- The water mains in Section 35 are over 50 years old and have exceeded their service life. The project will replace and upsize these mains to meet current fire flow standards and reduce or eliminate costly main breaks that become common with older water mains. Work will include replacing the existing 6", 8", and 12" water mains on 14 Mile Road, Sheffield, Kenyon, Lyons, Redwood, Burtman, Wacon, Jamaica, and Key West Streets with 8" and 12" water main. This work is scheduled to start in August of 2010 and be complete by June 2011.
- Bids were received and publicly read on July 14, 2010. Each bid package contained three (3) alternate bids. The purpose of the alternate bids was to generate a cost comparison based on different types of water main pipe. Cost information, among other criteria, was used in the selection of the best water main pipe alternate for this project.
- Alternate #1, Class 54 ductile iron pipe, is recommended for this project based on its superior durability and constructability as compared with the thinner walled Class 350 ductile iron and the fusible PVC C900 plastic pipe. The Class 350 pipe raises some concerns about corrosion and its overall service life. The thinner wall also raises some concerns about the durability of some of the water taps made into the wall of the pipe. The PVC pipe, due to fusing and laying it out in a long line during directional drilling installation process, would cause significant driveway access problems in the densely populated project area. The Class 54 pipe would be installed one 20' pipe length at a time with considerably less disruption to residents.
- Based on the above, the low bid for alternate #1 of \$1,549,084.50 as submitted by Bricco Excavating Company, LLC is recommended as the best alternative for this project.
- The Engineer's estimate at the time of bidding was \$1,721,000.00. The low bid is \$171,915.50 or 10% below the Engineer's estimate.

Financial Considerations:

- Funds for this work are included in the 2009/10 Water Fund, account number 591.537.555.7972.095015. The budgeted amount includes funds for construction, inspection and contingencies.

Legal Considerations:

- Work was competitively bid and publicly opened with four (4) bidders responding.
- Award is contingent upon submission of proper proposal and bid documents, including insurance certificates, bonds and all specified requirements.

Policy Considerations:

- Troy adds value to properties through maintenance or upgrades of the infrastructure and quality of life services.

Prepared by: Antonio Cicchetti, PE

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BID TABULATION
 CONTRACT 10-1
 Section 35 Water Main Replacement
 City of Troy
 Oakland County, Michigan

Bids Due: July 14, 2010
 Project # 09.501.5

	Total Bid Amount (Alternate #1 - CL 54 WM)	Total Bid Amount (Alternate #2 - CL 350 WM)	Total Bid Amount (Alternate #3 - PVC WM)
Bricco Excavating Company, LLC	\$1,549,084.50	\$1,389,865.25	\$1,322,607.00
Pamar Enterprises, Inc.	\$1,758,843.10 *	\$1,606,615.10 *	\$1,464,047.10 *
D.V.M. Utilities, Inc.	\$1,809,581.05	\$1,656,080.60	\$1,548,933.95
C & P Construction Company, Inc.	\$1,905,057.50	\$1,776,954.50	\$1,620,169.50

* Corrected by Engineer