

August 18, 2014

To: Mayor Bemrich and City Council
From: David Fierke, City Manager
**Subject: 2014 Water Main Replacement, Avenue B –
Resolution Rejecting All Bids**



ACTION: For vote Monday, August 25, 2014

Brief History

For the past several years, the Capital Improvement Plans have included funding for the replacement of water mains throughout the community. The existing water main along Ave. B from Ave C to Ave. O (near the wastewater treatment plant) has experienced several breaks in the last 2 years. This water main provides a looped water system to serve the hospital and therefore is a critical piece of infrastructure.

On January 27, 2014, Council approved the contract with MER Engineering for engineering services through the bid letting with additional services to be authorized at a later date. The project includes the replacement of the existing water main on Ave. B with a new 12" water main. The project could have been planned to be constructed late summer.

One Bid was received for this project on August 14th.

- Hovey Construction Inc. \$424,757.10 (Base Bid)/\$384,593.80(Alternate)

Analysis of Issue

City Staff and MER Engineering evaluated the bids. This bid was considerably higher than the Engineer's Estimate. Attached are the bid tab and a letter from MER Engineering. It is recommended that the City reject all bids and re-advertise this project this winter for spring construction.

Budget Impact

The project will be funded from the Water Utility Fund. The engineer's estimate for this project is \$299,405.00 (Base Bid)/\$257,785.00 (Alternate).

Strategic Plan Impact

Policy D.4.2: Advanced planning for all infrastructure facilities shall be supported and routinely updated. Facilities benefited by advanced planning shall include, at minimum, schools, health care, residential areas, roads, water, sewer, storm water management, parks, recreation, and greenways.

Policy D.4.1: Recognizing that infrastructure has a powerful influence on growth and development, the availability of infrastructure (along with other factors) should determine where development will occur in the city, rather than the other way around.

Impact on Existing Plans

None.

Committee Review / Recommendation

None.

Staff Conclusions / Recommendations

It is our recommendation to approve the resolution rejecting this bid for this project.

Alternatives

None recommended.

Implementation and Accountability

The Engineering Department will be responsible for overseeing this project.

Signed

Approved



Tony Trotter, P.E.
Project Engineer

David Fierke
City Manager

RESOLUTION NO. _____

APPROVING PLANS AND SPECIFICATIONS, FORM OF CONTRACT, AND ESTIMATE OF COST FOR 2014 AVENUE B WATER MAIN REPLACEMENT PROJECT, FOR THE CITY OF FORT DODGE, IOWA.

WHEREAS, proposed Plans and Specifications, proposed form of Contract, and estimate of cost for 2014 Avenue B Water Main Replacement Project have heretofore been prepared by Engineering Department and filed with the City Clerk on the 28th day of July, 2014; and

WHEREAS, Notice of Hearing on the said proposed Plans and Specifications, proposed form of Contract, and estimate of cost were duly published in the form and manner required by law; and

WHEREAS, no petition or objections to the said Plans and Specifications, proposed form of Contract, and estimate of cost have been filed or made by any interested party;

NOW, THEREFORE, BE IT RESOLVED by the City Council of Fort Dodge, Iowa, as follows:

Section I. That the Plans and Specifications, form of Contract, and estimate of cost referred to in the preamble hereof be and the same are hereby approved.

Section II. That all Resolutions or Orders or parts thereof in conflict herewith are hereby repealed.

PASSED AND APPROVED this _____ day of _____, 20____.

AYE: _____

NAY: _____

OTHER: _____

Matt Bemrich, Mayor

ATTEST:

Jeff Nemmers, City Clerk

RESOLUTION NO. _____

REJECTING ALL BIDS FOR THE 2014 AVENUE B WATER MAIN REPLACEMENT PROJECT FOR THE CITY OF FORT DODGE, IOWA.

WHEREAS, pursuant to notice duly published in the manner and form prescribed by Resolution of the Council, and as required by law, bids and proposals were received by this Council for the 2014 Avenue B Water Main Replacement Project (the "Project"); and

WHEREAS, all of the said bids and proposals have been carefully considered, and it is necessary and advisable to officially reject all bids for the Project;

NOW, THEREFORE, BE IT RESOLVED by the City Council of Fort Dodge, Iowa, as follows:

Section I. The bids for the Project submitted are rejected.

PASSED AND APPROVED this _____ day of _____, 20____.

AYE: _____

NAY: _____

OTHER: _____

Matt Bemrich, Mayor

ATTEST:

Jeff Nemmers, City Clerk

MER ENGINEERING, INC.

August 14, 2014

City of Fort Dodge
819 1st Ave South
Fort Dodge, IA 50501

RE: 2014 Avenue B water Main Replacement for the City of Fort Dodge, IA
MER #5105

On August 14, 2014 a bid letting was held for the 2014 Avenue B Water Main Replacement for the City of Fort Dodge. One bid was received by Hovey Construction in the amount of \$424,757.10 with the alternate bid using PVC at \$384,593.80.

Our estimate is \$299,405.00 and alternate \$257,785.00. The bid is over the estimates by \$125,352.10 and \$126,808.80.

After careful consideration and budgetary constraints we recommend rejecting the bid and rebidding the project early next year.

If you have any questions please feel free to call.

Sincerely,



Eldon Rossow P.E.
EFR/rl

Cc: City of Fort Dodge
Enclosure: Bid Tab



Engineering, Inc.

109 Regency West Court
Fort Dodge, Iowa 50501
515-955-3635



Tabulation of bids for: 2014 Avenue B Water Main for the City of Fort Dodge, IA

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

By: *Eldon F. Rossow* 11-14-14
Eldon F. Rossow

License number: 7484

My license renewal date is: 12/31/2015

| MER Engineering, Inc. 109 Regency West Court Fort Dodge, Iowa 50501 | | Bid Letting 8/14/2014 3:00:00 PM | | Engineer's Estimate | | Hovey Construction P.O. Box 1793 Fort Dodge, IA 50501 | | | | |
|---|---|--|---------------------------|------------------------|-------------|---|------------|--------|------------|--------|
| MER # 5105 | | | | | | | | | | |
| No. | Description | Quantity | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT |
| 1 | Bonds & Mobilization & Insurance | 1 LS | \$10,000.00 | \$10,000.00 | \$38,000.00 | \$38,000.00 | | | | |
| 2 | Pavement Removal (Includes curb & Gutter, PCC & HMA) | 680 SY | \$25.00 | \$17,000.00 | \$12.10 | \$8,228.00 | | | | |
| 3 | 8" PCC Includes Curb | 126 SY | \$75.00 | \$9,450.00 | \$92.00 | \$11,592.00 | | | | |
| 4 | 6" HMA | 181 TON | \$95.00 | \$17,195.00 | \$150.00 | \$27,150.00 | | | | |
| 5 | 6" Granular Surfacing, Class A | 300 TON | \$30.00 | \$9,000.00 | \$52.00 | \$15,600.00 | | | | |
| 6 | Railroad Crossing (Open Cut) | 100 LF | \$100.00 | \$10,000.00 | \$289.00 | \$28,900.00 | | | | |
| 7 | 12" DIP Water Main Class 52 | 2,081 LF | \$85.00 | \$176,885.00 | \$99.10 | \$206,227.10 | | | | |
| 8 | 12" Gate Valve and Box | 2 EA | \$2,500.00 | \$5,000.00 | \$3,500.00 | \$7,000.00 | | | | |
| 9 | 12" Tapping Valve Assembly | 2 EA | \$4,000.00 | \$8,000.00 | \$4,093.00 | \$8,186.00 | | | | |
| 10 | Fire Hydrant Assembly | 3 EA | \$4,500.00 | \$13,500.00 | \$5,785.00 | \$17,355.00 | | | | |
| 11 | 2" DIP Water Service (Incl. Trenchless) | 65 LF | \$40.00 | \$2,600.00 | \$97.80 | \$6,357.00 | | | | |
| 12 | 2" Gate Valve and Box | 2 EA | \$1,200.00 | \$2,400.00 | \$1,180.00 | \$2,360.00 | | | | |
| 13 | 1" Service Tap | 3 EA | \$700.00 | \$2,100.00 | \$498.00 | \$1,494.00 | | | | |
| 14 | 1" K Copper Service Line (Incl. Trenchless) | 110 LF | \$40.00 | \$4,400.00 | \$88.20 | \$9,702.00 | | | | |
| 15 | Storm Water Pollution Prevention Plan including Seeding | 1 LS | \$8,000.00 | \$8,000.00 | \$26,981.00 | \$26,981.00 | | | | |
| 16 | Traffic Control | 1 LS | \$2,000.00 | \$2,000.00 | \$4,000.00 | \$4,000.00 | | | | |
| 17 | Tracer System Bimetallic | 2,500 LF | \$0.75 | \$1,875.00 | \$2.25 | \$5,625.00 | | | | |
| | | | Total | \$299,405.00 | | \$424,757.10 | | | | |
| Alternate | | | | | | | | | | |
| 7A | 12" PVC C900 DR 18 Water Main | 2,081 LF | \$65.00 | \$135,265.00 | \$79.80 | \$166,063.80 | | | | |
| | | | Total w Alternates | \$257,785.00 | | \$384,593.80 | | | | |