

November 4, 2014

To: Mayor Bemrich and City Council

From: David Fierke, City Manager

Subject: 2014 OHV Water Main Extension – Change Order #1



ACTION: For vote Monday, November 10, 2014

Brief History

For the past several years, the Capital Improvement Plans have included funding for extending the water service area to the south and serve the OHV campground. The existing water main at 5th Ave South and South 42nd Street will be extended to the south to provide service to the OHV Park.

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 will expand the City's water service area to the OHV Park by installing almost two miles of 16" water main. The project will be completed by March 1st ahead of the OHV campground opening.

MER Engineering has prepared the plans and specifications for the 2014 OHV Water Main Extension project. On August 11, 2014 Council approved setting bid letting date to receive bids for the project on August 28, 2014 at 3:00 p.m. A public hearing was set to approve the plans and specifications, form of contract, and estimate of costs for September 8, 2014 at 6:00 p.m.

A bid letting was held on August 28, 2014 at 3:00 p.m. and the following responsive bids were received:

Contractor	Base Bid (DIP Water Main)	Bid Alternate (PVC Water Main)
Carstensen Contracting Inc.	\$1,380,570.00	\$1,099,416.50
Keller Excavating Inc.	\$1,345,038.00	\$1,106,068.00
H & W Contracting LLC.	\$1,368,539.00	\$1,165,385.00
Holland Contracting Corp.	\$1,400,665.00	\$1,208,588.00
Nels Pederson Co., Inc	\$1,577,167.00	\$1,276,526.00
J & K	\$1,706,752.00	\$1,382,275.50

The Bid Alternate changed the water main pipe material from Ductile Iron Pipe Class 52 to C900 PVC.

On September 8, 2014, Council approved the plans and specifications, form of contract and estimate of costs for this project, as well as awarding the contract to Carstensen Contracting, Inc. and selects the Bid Alternate in the amount of \$1,099,416.50.

On October 13, 2014, Council approved an amendment to MER Engineering's contract to provide Phase III Project Construction Administration, Staking, Observation, and Final Inspection in the amount not to exceed of \$51,000.

Analysis of Issue

Change Order #1 is necessary to replace the PVC with DIP water main and add bends to the water main and remove concrete near 5th Ave S to avoid an existing telephone line. The contract price will be increased by \$5,409.69 for a new total of \$1,104,826.19. The change order is further described in the attached documents.

Budget Impact

The project will be funded from the Water Utility Fund.

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

Staff recommends approving Change Order #1 in the amount of \$5,409.69.

Alternatives: None recommended.

Implementation and Accountability

The Engineering Department and MER Engineering will be responsible for overseeing this project.

Signed



Tony Trotter, P.E.
Project Engineer

Approved



David Fierke
City Manager

CHANGE OR EXTRA WORK ORDER FORM
C.O. #1

Project Description: 2014 OHV Water Main Extension for the City of Fort Dodge, IA

TO: Carstensen Construction Inc.

You are hereby requested to make the following changes from the plans or do the following extra work on your contract dated September 8, 2014

Item 1 - Description of changes to be made or extra work to be done:
Delete Item 7A (Alternate), 8" PVC C 900 SDR 18 Water Main and Replace with Item 7, 8" DIP Water Main Class 52.

Item 1 - Reason for ordering change or extra work: Requested by City.

Item 2 - Description of changes to be made or extra work to be done:
Add 2 - 45° bends and removal of additional concrete on 5th Ave So so water main can be lowered to miss an existing telephone line.

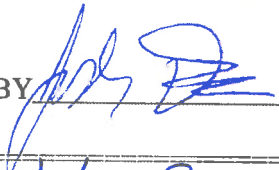
Item 2 - Reason for ordering change or extra work:
Telephone Company unable to move conflicting line in a timely manner.

Settlement for cost of work to be made as follows:

ITEM	QUANTITY	UNIT PRICE	AMOUNT
7A. 8" PVC C900 SDR 18	22 LF	\$103.00 LF	-\$2,266.00
7. 8" DIP Water Main Class 52	20 LF	\$251.00 LF	\$5,020.00
Item 2 - See Attached Proposal			\$2,655.69
TOTAL			\$5,409.69

Receipt is acknowledged of this change or extra work order and terms of settlement are hereby approved.

CARSTENSEN CONST., INC.

BY  DATE 11/3/2014

MER ENGINEERING, INC.

BY  DATE 11/3/14

CITY OF FORT DODGE, IOWA

BY _____ DATE _____

