

October 7, 2014

To: Mayor Bemrich and City Council

From: David Fierke, City Manager

Subject: 2014 Water Main Improvements, C&S Products Loop and North 10th Street – MER Engineering Contract Amendment #1



ACTION: For vote Monday, October 13, 2014

Brief History

During the summer of 2013, C & S Products approached the City with the desire to expand their business with the construction of a warehouse facility to the north of their existing plant on Cardinal Avenue. A 6" dead-end water main currently serves the plant. To effectively serve the expansion, a new water main needs to be extended east from Cardinal Avenue and then north to an existing water main on County Road D-14 (170th St.).

In 2007, the N. 10th St. and 14th Ave. N. area was identified as needing improvements to the streets, water main, sanitary sewer, and storm sewer systems. Over time, the Public Works Department has made improvements to the sanitary and storm sewer systems. The streets in this area were included in the 2014 Street Repair project. A 2" water main exists on N. 10th St. between 14th Ave. N. and 15th Ave. N and needs to be replaced to provide improved water flow, pressure, and fire protection to this area.

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, for both projects discussed above.

MER Engineering has prepared the plans and specifications for the 2014 C & S Products and North 10th Street Water Main Improvements Project. On July 28, 2014 Council approved setting bid letting date to receive bids for the project on August 14, 2014 at 10:00 a.m. A public hearing was set to approve the plans and specifications, form of contract, and estimate of costs for August 25, 2014 at 6:00 p.m.

A bid letting was held on August 14, 2014 at 10:00 a.m. the following responsive bid was received:

Contractor	Bid Amount
Nels Pederson Co., Inc	\$189,290.00 (Base Bid)/\$160,845.25(Bid Alternate)

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

On August 25, 2014, Council approved the plans and specifications, form of contract and estimate of costs for this project, as well as awarding the contract to Nels Pederson Co., Inc. and selected the Bid Alternate in the amount of \$160,845.25.

Analysis of Issue

An amendment to MER's contract is needed for the 2014 Water Main Improvements, C&S Products and North 10th Street. Under Amendment #1 MER will provide the following:

Phase III Project Construction

1. Construction Administration	\$ 2,000
2. Construction Staking	\$ 2,000
3. Project Observation	\$ 5,000
4. Final Inspection	\$ 500
	<u>\$ 9,500</u>

Fees for Amendment #1 are not to exceed \$9,500.00

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 Amendment #1 with MER Engineering.

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

**AMENDMENT #1
TO
AGREEMENT FOR ENGINEERING SERVICES
2014 Water Main Improvements, C & S Products and North 10th
Street"**

This amendment made between the City of Fort Dodge the OWNER and MER ENGINEERING, INC., the ENGINEER for services concerning the following construction project:

2014 Water Main Improvements, C & S Products and North 10th Street

This amendment is to the agreement between the City of Fort Dodge and MER Engineering, Inc. dated 1/27/14

MER Engineering, Inc. shall provide the following additional Engineering Services:

Phase III Project Construction	
1. Construction Administration	\$2,000.00
2. Construction Staking	\$2,000.00
3. Project Observation	\$5,000.00
4. Final Inspection	<u>\$500.00</u>
Phase III Total	\$9,500.00

Compensation shall be based on the hourly rate schedule as attached to the original agreement.

Additional Engineering fee not to exceed \$9,500.00

City of Fort Dodge

MER Engineering, Inc.

By: _____

By: Jan Roman

Date: _____

Date: 10/1/14