

September 2, 2014

To: Mayor Bemrich and City Council

From: David Fierke, City Manager

**Subject: 2013 North 23rd Street Improvements Project
Approve Change Order #2 and Pay Estimate #4 Final**



ACTION: For vote Monday, September 8, 2014

Brief History

Contracts were presented for engineering services through the bid letting with additional services to be authorized at a later date. The project includes rehabilitation of Avenue C between D Street and G Street, as well as N. 23rd Street between 10th Ave. N. and Elmhurst Ave. The projects are planned for summer 2013 construction. Council approved the contract with MER Engineering on November 19, 2012.

On February 25, 2013, Council approved setting a bid letting date on March 13, 2013 at 10:00 a.m. A public hearing was set for March 25, 2013 at 6:00 p.m. to approve the plans and specifications, form of contract, estimate of costs and to award a contract. The Engineer's Estimate for this project is \$312,000.

On March 25, 2013, Council approved a contract with Wicks Construction in the amount of \$288,711.60.

On September 23, 2013, Council approved Change Order #1 which was necessary to replace an additional 6" water valve during construction of the underground utilities. The change order increases the contract by \$5,854.20.

On February 24, 2014, Council approved Pay Estimate #3 Sub-final to Wicks Construction in the amount of \$12,760.69.

Analysis of Issue

This project is complete. Change Order #2 is to deduct the amount \$5,000 from the contract for liquidated damages for not finishing the project as agreed in the contract. Pay Estimate #4 Final is now due to Wicks Construction in the amount of \$11,945.54. The final cost of this project was \$292,402.86.

Budget Impact

This project will be paid from Local Option Sales Tax as indicated in the Capital Improvement Plan. \$370,000 was budgeted for this project. Including this change order, approximately \$30,000 remains in the budget.

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

This project was included in the 2013-2018 Capital Improvement Plan adopted by the City Council.

Committee Review / Recommendation

N/A

Staff Conclusions / Recommendations

Staff recommends approval of Change Order #2 to reduce the contract by \$5,000 for liquidated damages as well as Pay Estimate #4 Final. Staff also recommends make payment to Wicks Construction in the amount of \$11,945.54.

Alternatives

No practical alternatives are suggested.

Implementation and Accountability

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

Signed



Chad W. Schaeffer, P.E.
City Engineer

Approved



David R. Fierke
City Manager

CHANGE OR EXTRA WORK ORDER FORM

C.O. #2

Project Description: 2013 N 23rd Street Improvements

TO: Wicks Construction Inc.

You are hereby requested to make the following changes from the plans or do the following extra work on your contract dated March 25, 2013

1) Description of changes to be made or extra work to be done:

Liquidated Damages

2) Reason for ordering change or extra work:

Requested by the City.

3) Settlement for cost of work to be made as follows:

ITEM	QUANTITY	UNIT PRICE	AMOUNT
Liquidated Damages	1 LS	-\$5,000.00	-\$5,000.00
TOTAL			-\$5,000.00

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

WICKS CONSTRUCTION INC.

BY [Signature] DATE 7-12-14

MER ENGINEERING, INC.

BY [Signature] DATE 7/17/14

CITY OF FORT DODGE, IOWA

BY _____ DATE _____

MER ENGINEERING, INC.

FINAL PAY ESTIMATE #4 Final

109 Regency West Court
Fort Dodge, Iowa 50501

Project: 2013 N 23rd STREET IMPROVMENTS
Contractor: Wicks Construction
Original Contract Amount: \$288,711.60
Pay Period: February 1, 2014 - August 18, 2014

MER #7053

ITEM NO.	DESCRIPTION	BID QUANTITY	UNIT PRICE BID	UNITS COMPLETED TO DATE	TOTAL EARNED TO DATE	BALANCE TO BE COMPLETED
PAVEMENT						
1	Bonds, Mobilization, Insurance	1 LS	\$20,000.00	1.00 LS	\$20,000.00	0%
2	Clearing and Grubbing	1 LS	\$3,000.00	1.00 LS	\$3,000.00	0%
3	Excavation Roadway & Borrow	1,252.0 CY	\$15.00	1,252.0 CY	\$18,780.00	0%
4	Subgrade Preparation	2,380.5 SY	\$2.00	2,380.5 SY	\$4,761.00	0%
5	Modified Subbase	2,517.9 SY	\$9.00	2,568.0 SY	\$23,112.00	0%
6	PCC 7" Paving 26' Wide with Curb	1,914.9 SY	\$35.60	1,915.0 SY	\$68,174.00	0%
7	7" PCC Patching	218.3 SY	\$57.45	282.0 SY	\$16,200.90	0%
8	6" PCC Driveways	221.2 SY	\$53.70	233.0 SY	\$12,512.10	0%
9	Driveway Surface Removal	189 SY	\$6.00	189 SY	\$1,134.00	0%
10	Removal of Sidewalk	49.4 SY	\$5.00	41.2 SY	\$206.00	0%
11	5" PCC Sidewalk	52.4 SY	\$55.00	40.2 SY	\$2,211.00	0%
12	Removal of Manholes and Intakes	5 EA	\$400.00	5.00 EA	\$2,000.00	0%
13	Pavement Removal	2,209.2 SY	\$3.40	2,281.0 SY	\$7,755.40	0%
14	Pavement Smoothness	1 LS	\$1,500.00	0.00 LS	\$0.00	0%
15	Traffic Control	1.0 LS	\$2,500.00	1.00 LS	\$2,500.00	0%
				SUB-TOTAL	\$182,346.40	
SANITARY SEWER						
16	Replace Manhole SW-301	2 EA	\$5,030.00	2.00 EA	\$10,060.00	0%
17	6" Sewer Service Line	304 LF	\$35.00	304 LF	\$10,640.00	0%
18	8" Sewer Main Line	4 LF	\$100.00	69 LF	\$6,900.00	0%
19	Line 8" Sanitary Sewer Line	450 LF	\$33.50	456 LF	\$15,276.00	0%
				SUB-TOTAL	\$42,876.00	
STORM SEWER						
20	Type SW-401 Manhole	2 EA	\$3,400.00	2.00 EA	\$6,800.00	0%
21	Type SW-501 Intake	1 EA	\$3,000.00	1.00 EA	\$3,000.00	0%
22	Type SW-502 Intake	2 EA	\$3,900.00	2.00 EA	\$7,800.00	0%
23	15" RCP Class III Storm Sewer Pipe	26 LF	\$54.00	31 LF	\$1,674.00	0%
24	18" RCP Class III Storm Sewer Pipe	416 LF	\$58.00	408 LF	\$23,664.00	0%
25	Adjust Fixtures to Grade	3 EA	\$650.00	2.00 EA	\$1,300.00	0%
26	6" Subdrain	1,117 LF	\$14.00	1,117 LF	\$15,638.00	0%
27	Cleanouts	14 EA	\$250.00	14.00 EA	\$3,500.00	0%
28	Pollution Prevention Plan	1 LS	\$8,750.00	1.00 LS	\$8,750.00	0%
				SUB-TOTAL	\$72,126.00	

		Total	\$297,348.40
Co #1 Water Valve (Voided)		Total additional work completed	-\$5,000.00
Co #2 Liquidated Damages		Total amount earned to date	\$292,348.40
		Less 0 % retained percentage	\$0.00
		Total amount due including this estimate	\$292,348.40
		Less Estimate previously approved	\$280,402.86
		Amount Due This Estimate	\$11,945.54

ENGINEER'S AFFIDAVIT:
I certify that to the best of my knowledge, the above account is a just and true statement of work accomplished and/or material supplied.

CONTRACTOR'S AFFIDAVIT:
I certify that the items as shown herein are just and unpaid and that all work has been performed in accordance with the terms and conditions of the contract documents.

APPROVED FOR PAYMENT:
FOR: Mer Engineering, Inc

FOR: Wicks Construction

OWNER:
FOR: City of Fort Dodge

BY: *Jim Kesling*

BY: *[Signature]*

DATE: 8/20/14

DATE: 8-19-14

DATE:

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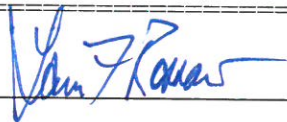
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MER ENGINEERING, INC.

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CITY OF FORT DODGE, IOWA

BY _____ DATE 1 / 14