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Public Works

City Transit
263-8152

MEMORANDUM

Equipment Maintenance
Roadway Maintenance
Collection & Drainage
Building & Grounds
Engineering

To: Randy Hill, Public Works Director

FROM: Jon Lutz, City Engineer

DATE: May 4, 2013

RE: West Hill Area Sanitary & Storm Sewer Separation Project
Change Order 5

INTRODUCTION:

The City of Muscatine contracted with Langman Construction Company for the amount of \$3,688,235.27 for the West Hill Area Sanitary and Storm Sewer Separation Project. Previous change orders increased the contract price to \$3,695,606.21.

BACKGROUND:

Change order #5 involves adding 6 pay items not included in the contract to enhance storm water drainage on 8th Street near Cedar Street. Currently, ponding occurs on 8th Street during heavy rainfall events due to restrictions associated with odor control in the system. This enhancement will maintain odor control while also providing adequate storm water capacity. Work items include various sizes and types of storm and sanitary sewer pipes, manholes and valves as detailed on the attached change order form. A closure time extension on 8th Street from 2 weeks to 4 weeks has been included in the change order.

Change order 5 will increase the contact price by \$19,275.25 bringing the total contract price to \$3,714,881.46.

RECOMMENDATION/RATIONALE:

The City Engineer recommends approving change order 5.

ATTACHMENTS:

Change order 5



Koala Consulting Services



CITY OF MUSCATINE, IOWA
CHANGE OR EXTRA WORK ORDER

No. 2013-005

Project: West Hill Area Sanitary & Storm Sewer Separation - Phase 1

Date Prepared: June 4, 2013

Contractor: Langman Construction, Inc.

You are hereby authorized to make the following changes to the contract documents:

I. - Description of change to be made or extra work to be done:

This Change Order is to establish Pricing for the Owner requested Time and Materials (T&M) for extra work items previously not having pricing established in the original Contract for improvements on 8th Street near the Cedar Street intersection. Refer to SCI ITC #3.

2013-005A: Sanitary Sewers: Diameter 12", Depth To Invert 0' - 8', (LCI # 120)

2013-005B: 24" Diameter Ductile Iron Pipe, (LCI # 145)

2013-005C: 24" Diameter Reinforced Concrete Pipe, (LCI # 150)

2013-005D: 24" Diameter SS Flap Valve (LCI# 900)

2013-005E: MH W1-19 Base & Riser Re-Build (LCI# 1000)

2013-005F: Revise the 2 week restriction to complete Work on 8th Street to 4 weeks

II. - Reason for change or extra work:

The original Contract did not have the extra items to enhance storm water drainage and reduce street flooding at the intersection of Cedar and 8th Streets

III. - Settlement for cost of work to be made as follows:

- In accordance with Langman Construction, Inc. correspondence (included) pricing information received May 29, 2013:

ITEM	DESCRIPTION	QUANTITY	UNITS	PRICE	EXTENDED PRIME *		TOTAL
					PRICE	10%	
2013-005A	San. Sewers: Dia. 12"	10	L.F.	\$185.00	\$1,850.00		\$1,850.00
2013-005B	24" DIP	17	L.F.	\$300.00	\$5,100.00		\$5,100.00
2013-005C	24" RCP	13	L.F.	\$143.00	\$1,859.00		\$1,859.00
2013-005D	24" Flap Valve	1	EA.	\$8,970.00	\$8,970.00		\$8,970.00
2013-005E	MH W1-19 Re-Build	1	L.S.	\$1,496.25	\$1,496.25		\$1,496.25
2013-005F	Time Extension	1	L.S.	\$0.00	\$0.00		\$0.00

TOTAL INCREASE TO CONTRACT: \$19,275.25

W.J. Haug
Construction Project Manager

06-04-2013
Date

[Signature]
City Engineer

6/4/2013
Date

Receipt is acknowledged of this change or extra work and terms of settlement are hereby agreed to:

[Signature]
Contractor

6-4-13
Date

Approved contingent upon funds being available under the existing project agreement or upon additional funds being made available by a modified project agreement.

APPROVED BY:

City of Muscatine: _____
Mayor

Date

* The Prime Contractor is not entitled to 10% extra when no subcontractor's efforts are required. The Prime Contractor had all the Work