

**Public Works****City Transit**
263-8152**MEMORANDUM**

To: Randy Hill, Public Works Director

FROM: Jon Lutz, City Engineer

DATE: Nov 18, 2013

RE: West Hill Area Sanitary & Storm Sewer Separation Project
Change Order 7

Equipment Maintenance
Roadway Maintenance
Collection & Drainage
Building & Grounds

Engineering

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.

BACKGROUND:

Change order #7 involves work to abandon an existing storm sewer line below new work on Linn Street between 6th and 7th. It was determined that the best and least expensive option to abandon the pipe was to fill it with flowable grout. There was no contract item for flowable grout.

Change order 7 will increase the contact price by \$928.49 bringing the total contract price to \$3,721,616.43.

RECOMMENDATION/RATIONALE:

The City Engineer recommends approving change order 7.

ATTACHMENTS:

Change order 7



Koala Consulting Services



CITY OF MUSCATINE, IOWA
CHANGE OR EXTRA WORK ORDER

No. 2013-006 007

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

Date Prepared: November 6, 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 associated with using Flowable Mortar to fill an abandoned in-place existing storm sewer line.

2013-006: Flowable Mortar to Fill Existing Storm Sewer, (Refer to LCI Pricing dated 11/4/2013).
007

II. - Reason for change or extra work:

The original Contract did not show the use of flowable mortar as the exact depth of the existing line was unknown. The existing line located in Linn Street between 6th and 7th Streets was approximately 1.5 to 2' below the new ly installed storm sewer line.

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

- In accordance with Langman Construction, Inc. correspondence (included) pricing information received November 04, 2013:

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>UNITS</u>	<u>PRICE</u>	<u>EXTENDED PRICE *</u>	<u>10%</u>	<u>TOTAL</u>
2013-006	Flowable Fill <u>007</u>	1	LS	\$928.49	\$928.49		\$928.49
TOTAL INCREASE TO CONTRACT:							\$928.49

Joshua J. Hayes
Construction Project Manager

8-Nov-2013
Date

James E. Tamm
City Engineer

11/13/13
Date

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

Joshua J. Hayes
Contractor

11/12/13
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

LANGMAN CONSTRUCTION, INC.
220 34TH AVE.
ROCK ISLAND, IL 61201
PHONE: 309-786-8944 FAX: 309-786-2107

INVOICE

To: Mr. Bill Haag

CC:

From: Tara Blondell

Date: 11/4/2013

Re: West Hill – Phase 1

Description	U/M	Quantity	Unit Price	Ext. Price
T&M Bill 1216-09	L.S.	1.00	\$928.49	\$928.49

LANGMAN CONSTRUCTION
220 34TH AVE
ROCK ISLAND, IL 61201

November 5, 2013

Koala Consulting Services
Attn: Mr. Bill Haag
2086 Old Hwy 61 South
Muscatine, IA 52761

Invoice 1216-09

LOCATION:

West Hill Area Sanitary and Storm Sewer Separation - Phase 1
Flowable Grout

INVOICE TOTAL: **\$ 928.49**

CLASS	31-Aug	S.T.	O.T.	Hr. Rate	Ins.	Payroll
Oper/Fore	1	1.0		\$ 30.90	\$ 30.90	\$ 30.90
				0.0	\$ 46.35	\$ -
3 - Labors	3	3.0		\$ 26.00	\$ 78.00	\$ 78.00
				0.0	\$ 39.00	\$ -
Oper	1	1.0		\$ 29.90	\$ 29.90	\$ 29.90
				0.0	\$ 44.85	\$ -
SUBTOTAL	5.00	5.00	0.00		\$ 138.80	\$ 138.80

BENEFITS

LABORER	3.0	HRS @	\$ 15.63	\$ 46.89
OPERATOR	2.0	HRS @	\$ 24.60	\$ 49.20
SUBTOTAL	5.0			\$ 234.89
PLUS 35% OF	\$ 234.89			\$ 82.21

SUBTOTAL LABOR **\$ 317.10**

Public Liability and Property Damage Insurance	0.0415	of	\$ 138.80	\$ 5.77
Workmen Compensation Insurance	0.1093	of	\$ 138.80	\$ 15.17
Federal Unemployment Tax	0.008	of		\$ -
State Unemployment Tax	0.094	of		\$ -
Federal Social Security Tax	0.0765	of	\$ 138.80	\$ 10.62

SUBTOTAL PAYROLL ADDITIVES			\$ 31.55
PLUS 10% OF	\$ 31.55		\$ 3.16
TOTAL PAYROLL ADDITIVES			\$ 34.71

TOTAL LABOR **\$ 351.81**

I hereby certify that the above statement is a copy of that portion of the payroll which applies to the above stated work and that the rates shown for taxes and insurance are actual costs.

Langman Construction, Inc.

LANGMAN CONSTRUCTION
220 34TH AVE
ROCK ISLAND, IL 61201

EQUIPMENT	28-Aug	TOTAL	RATE	AMOUNT
Pickup Truck	1	1	29.84	\$ 29.84
400 Excavator	1	1	\$ 194.04	<u>\$ 194.04</u>
TOTAL EQUIPMENT				\$ 223.88
MATERIAL	28-Aug	TOTAL	RATE	AMOUNT
Flowable Grout	4	4	\$ 59.00	<u>\$ 236.00</u>
SUBTOTAL MATERIAL				\$ 236.00
PLUS 15%				<u>\$ 35.40</u>
TOTAL MATERIAL				\$ 271.40
SUBCONTRACTOR	28-Aug	TOTAL	RATE	AMOUNT
Jones Truck	1	1	\$ 74.00	<u>\$ 74.00</u>
SUBTOTAL SUBCONTRACTOR				\$ 74.00
PLUS 10%				<u>\$ 7.40</u>
TOTAL SUBCONTRACTOR				\$ 81.40
SUMMARY				
LABOR				\$ 351.81
EQUIPMENT				\$ 223.88
MATERIAL				\$ 271.40
SUBCONTRACTOR				<u>\$ 81.40</u>
TOTAL INVOICE				\$ 928.49