



1459 Washington St.
Muscatine, IA 52761-5040
(563) 263-8933
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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: Nov 18, 2013

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

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 contract 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:

ITEM	DESCRIPTION	QUANTITY	UNITS	PRICE	EXTENDED PRIME *		TOTAL
					PRICE	10%	
2013-006 007	Flowable Fill	1	LS	\$928.49	\$928.49		\$928.49

TOTAL INCREASE TO CONTRACT: \$928.49

[Signature]
Construction Project Manager
8-Nov-2013
Date

[Signature]
City Engineer
11/13/13
Date

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

[Signature]
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

Rec'd. 11-06-13
WJH

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