



1459 Washington St.
Muscatine, IA 52761-5040
(563) 263-8933
Fax (563) 263-2127

Public Works

City Transit
263-8152

MEMORANDUM

Equipment Maintenance
Roadway Maintenance
Collection & Drainage
Building & Grounds
Engineering

To: Brian Stineman Public Works Director

FROM: Jim Edgmond, City Engineer

DATE: December 13, 2018

RE: Change Orders 002 and 003 for West Hill Sewer Separation Phase 4A Project

INTRODUCTION:

The City of Muscatine is 99.5% complete with the sewer separation contract phase 4A. These two change orders are for payment of addition work for utility service lines, and a credit for a change in how the storm manholes were constructed. This is the end of change orders for this phase of the contract.

BACKGROUND:

The attachments are the change orders and the associated information to support the change orders.

Change order 002 is a \$2,000 deduct to the contract because of eliminating the waterproofing on storm sewer manholes that was required in the contract. This is not usually a requirement for storm sewers and the design consultant and city staff agreed it could be eliminated.

Change order 003 is the total money spent for licensed plumbers to do utility service work on the private homeowner's portion of multiple service lines. The original estimate for this additional work was \$10,000. The actual cost of this work was \$10,568.

An example of this service line work is that if the contractor comes across a lead water service line, this line by MPW code requirements must be replaced to the meter inside the house. The work from the service shut off valve to the meter inside the house must be done by a licensed plumber.

RECOMMENDATION/RATIONALE:

It is recommended that these change orders be approved by City Council and signed by the Mayor.

"I remember Muscatine for its sunsets. I have never seen any
On either side of the ocean that equaled them" — Mark Twain

BACKUP INFORMATION:

1. **Change Order 002.**
2. **Change Order 003 and supporting documentation.**



Form 830240 (11-15)

CONTRACT MODIFICATION

		Part	Non-
Non-Substantial	<input type="checkbox"/>	Part	Part
Substantial	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

No: 002

Concurrence Date _____

Contract ID: WHAS&SSSP-4A

County: Muscatine

Accounting ID: _____

Project No: SCI 1766040

Kind of Work: Sewer Separation Project

Date Prepared: 12-12-2018

Contractor: KE Flatwork, Inc.

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

A – Description of changes to be made or extra work to be done:

This contract modification is to provide a deduct in contract price for using engineering fabric to wrap the manhole joints on storm sewers instead of having them waterproofed with asphalt as required by the contract.

B – Reason for change or extra work:

City agreed with design engineer that the bituminous coating was not needed.

Contract Time Adjustment: No Time Added Time Added _____ To be determined later

When authorized, contractor agrees to perform the work outlined above in accordance with provisions of the contract documents.

Agreed: 12-19 Recommended: _____
Contractor Date Site Staff Date

Approved: 12-13-18 Approved: _____
City Engineer Date Public Works Director Date

Federal Participation Approved Not Eligible
 City of Muscatine 12-20-18
Mayor (if required) Date

Accounting ID: _____

C-1 – Settlement for cost of work to be made as follows:

Contract Modification No: 002

An additional pay item will be added to the contract to provide the deduct.

C-2 – Justification for cost(s):

This deduct was negotiated and mutually agreed to by the City and the Contractor.

D – ITEMS INCLUDED IN CONTRACT

Change No.	Line Item Number – Description	Unit Price .xxx	Quantity .xxx	Amount .xx
7				
7				
7				
7				
7				
7				
7				
7				
7				
TOTAL				\$ 0.00

E – ITEMS NOT INCLUDED IN CONTRACT

Change No.	Item Description	Item Number	Function Code	Unit Price .xxx	Quantity .xxx	Amount .xx
8002	DEDUCT FOR ST. MH JOINTS			\$ 1.000	-2,000.000	-\$ 2,000.00
8						
8						
8						
8						
8						
8						
8						
TOTAL						-\$ 2,000.00



Form 830240 (11-15)

CONTRACT MODIFICATION

No: 003

		Non-Substantial	<input type="checkbox"/>	Part	<input type="checkbox"/>	Non-Part
		Substantial	<input type="checkbox"/>	Part	<input type="checkbox"/>	Part

Concurrence Date _____

Contract ID: WHAS&SSSP-4A

County: Muscatine

Accounting ID: _____

Project No: SCI 1766040

Kind of Work: Sewer Separation Project

Date Prepared: 12-12-2018

Contractor: KE Flatwork, Inc.

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

A – Description of changes to be made or extra work to be done:

This contract modification is to provide payment for a licensed plumber to work on and install service lines on the property owners side of the service line. An example of this is when a lead water line is encountered, once discovered it needs to be replaced all the way into the house to the meter.

B – Reason for change or extra work:

When service lines are encountered that need to be replaced into the house

Contract Time Adjustment: No Time Added Time Added _____ To be determined later

When authorized, contractor agrees to perform the work outlined above in accordance with provisions of the contract documents.

Agreed: _____ Date _____ Recommended: _____ Site Staff _____ Date _____

Approved: [Signature] Contractor
City Engineer 12-13-18 Date

Approved: _____ Public Works Director _____ Date _____

Federal Participation Approved Not Eligible

City of Muscatine [Signature] Mayor (if required) 12-20-18 Date

Accounting ID: _____

C-1 -- Settlement for cost of work to be made as follows:

Contract Modification No: 003

This work was done by the plumber from Kelly. The invoices are attached. They total \$10,658.00.

C-2 -- Justification for cost(s):

This cost was paid by the contractor and the city is to reimburse him for the expense.

D -- ITEMS INCLUDED IN CONTRACT

Change No.	Line Item Number – Description	Unit Price .xxx	Quantity .xxx	Amount .xx
7				
7				
7				
7				
7				
7				
7				
7				
7				
TOTAL				\$ 0.00

E – ITEMS NOT INCLUDED IN CONTRACT

Change No.	Item Description	Item Number	Function Code	Unit Price .xxx	Quantity .xxx	Amount .xx
8003	Licensed plumber charges			\$ 10,658.000	1.000	\$ 10,658.00
8						
8						
8						
8						
8						
8						
8						
TOTAL						\$ 10,658.00

KMA Trucking & Excavating LLC
 22050 277th Ave
 LeClaire, IA 52753 US
 563-940-1982
 clintalb@gmail.com

ADDRESS
 KE Flatwork Inc
 501 Blackhawk Trail
 Eldridge, IA 52748

SHIP TO
 KE Flatwork Inc
 501 Blackhawk Trail
 Eldridge, IA 52748

ESTIMATE 1028

DATE 08/23/2018

P.O. NUMBER
 Water Services

ACTIVITY	QTY	RATE	AMOUNT
Excavation Kelly Heating - 110 E. 7th Street	1	1,395.00	1,395.00
Excavation KE General Contract fee	1	139.50	139.50
Excavation Kelly Heating - 619 Iowa Ave	1	870.00	870.00
Excavation KE General Contract fee	1	87.00	87.00
Excavation Burken Underground - 103 W. 7th Street No Kelly bill - This is an abandoned house - Pulled copper up in dirt floor	1	1,050.00	1,050.00
Excavation KE General Contract fee	1	105.00	105.00
Excavation Burken Underground - 113 W. 7th Street	1	490.00	490.00
Excavation Kelly Heating - 113 W. 7th Street	1	185.00	185.00
Excavation KE General Contract fee	1	66.50	66.50
Excavation Burken Underground - 615 Chestnut Street	1	735.00	735.00
Excavation Kelly Heating - 615 Chestnut Street	1	350.00	350.00

ACTIVITY	QTY	RATE	AMOUNT
Excavation KE General Contract fee	1	108.50	108.50
Excavation Burken Underground - 703 Chestnut Street	1	615.00	615.00
Excavation Kelly Heating - 703 Chestnut Street	1	340.00	340.00
Excavation KE General Contract fee	1	95.50	95.50

TOTAL	\$6,632.00
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Accepted By

Accepted Date

KMA Trucking & Excavating LLC
 22050 277th Ave
 LeClaire, IA 52753 US
 563-940-1982
 clintalb@gmail.com

ADDRESS
 KE Flatwork Inc
 501 Blackhawk Trail
 Eldridge, IA 52748

SHIP TO
 KE Flatwork Inc
 501 Blackhawk Trail
 Eldridge, IA 52748

ESTIMATE 1036

DATE 12/11/2018

ACTIVITY	QTY	RATE	AMOUNT
Excavation Kelly Heating - 516 7th Street	1	360.00	360.00
Excavation Burken Underground -	1	800.00	800.00
Excavation KE General Fee	1	116.00	116.00
Excavation Kelly Heating - 512 7th Street (Kelly used their compressor and mole to bore into basement)	1	1,350.00	1,350.00
Excavation KE General Fee	1	135.00	135.00
Excavation Kelly Heating - 518 7th Street (Kelly used their compressor and mole to bore into basement)	1	1,150.00	1,150.00
Excavation KE General Fee	1	115.00	115.00

TOTAL

\$4,026.00

Accepted By

Accepted Date

Notice of Contract Changed Condition Notification/Request Form – CO #9

Notes

1. All change orders require City Council approval. If change is less than \$5,000.00, the contract change can be accepted by the Department Director and Contractor authorized to proceed.
2. If change is greater than \$5,000.00, the change must be authorized by Dept. Director and the City Administrator (CA) and Contractor will be authorized to perform work once the change request is signed. It is the Director's responsibility to submit the change order for the City Council agenda for consideration/approval.
3. This form is to be submitted to the Department Director and/or CA within the week of the change being known to the field person responsible for the construction. This form does not need to be complete and actual cost does not need to be known but what is known shall be sent to the Dept. Director and/or CA within the week.
4. For federal/state funded projects, the change order will require State approval before City Council approval and this requires acceptance by the Department Director or the CA prior to sending to the State for approval. This form does not require state approval of review.
5. The point of contact is to send the original of the form to the Department Director. The Department Director will send the original to the CA to include in the next City Council agenda. Once signed and dated, a copy is to be sent to the Department Director who will forward a copy to the project point of contact.

Information

Project: West Hill Sewer Project Phase 3C Date: January 10, 2018
 Point of Contact: Steve Dalbey/Bill Haag Department: Public Works
 Amount: \$ _____ Est. Amount \$10,000
 TBD Amount: \$ _____
 (T&M) \$ _____

Description

What has changed:

Wesley United Methodist Church Youth Center (114 W. 4th Street) has its sanitary sewer connected directly into the Lower West Branch Sewer (LWBS) that dumps into the river. Representatives from the City, the church and the contractor met to develop a plan to divert the sanitary flow into the new sanitary sewer system out the front of the building in the 100 block of W. 4th Street. The contractor will locate the sanitary service inside the building, disconnect it from the LWBS, and install new sewer pipe from that point out into the sanitary sewer main in the street. The contractor, Hagerty Earthworks, has provided an estimate of \$10,000 to do the work.

Justification The goal of this sewer project is to separate sanitary flow from storm flow going to the river. This step is necessary to comply with the Federal directive.
 Why is it necessary: _____

- Changed conditions Should cost/savings be shared with others? _____
 Requested extra work Does this cause delay to the contract? Yes
 Quantity overrun Describe project delay due to this change. Unknown
 Not identified in contract.

Authorizations:


 Department Director

1/11/18 Required regardless of dollar amount.
 Date

City Administrator

 Date Required when cost is over \$5,000.

 1-11-2018