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Muscatine, IA 52761-5040
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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: April 18, 2017
RE: Change Order 2017-8001

INTRODUCTION:

The City of Muscatine is currently in Phase 3C of the Sewer Separation Contracts. In the process of doing this work it has become necessary to remove an existing retaining wall to allow the sidewalk to be lowered to meet ADA requirements. This was not anticipated by the designers and a change order needs to be processed to allow the contractor to be paid for the retaining wall removal. The rebuilding of the retaining wall and the long term maintenance of the wall will be the property owners per the agreement with the City.

BACKGROUND:

The wall was supported on the sidewalk that needed to be replaced. This required the City execute an agreement for the removal of the wall and sidewalk. The removal of the sidewalk is needed to meet the ADA requirements. The contractor has submitted a price of \$2,000.00 Lump Sum to demolish and remove this concrete retaining wall. This cost has been reviewed by city staff and found to be reasonable for the size and type of retaining wall. A copy of the change order is attached for the Mayor's signature.

RECOMMENDATION/RATIONALE:

It is staff's request to approve this change order for the contract.

BACKUP INFORMATION:

1. Change Order 2017-8001

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



Form 830240 (11-15)

CONTRACT MODIFICATION

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

No: 2017-8001

Concurrence Date _____

Contract ID: WHAS&SSSP-3C

County: Muscatine, WH3C 02-01.01-03-30-17 CM1

Accounting ID: _____

Project No: SCI 1766020

Kind of Work: Sewer Separation Project

Date Prepared: 03-30-2017

Contractor: Hagerty Earthworks, LLC

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:

The Contract did NOT have a Unit Price for Retaining Wall Removals for the proposed modifications to the original design drawing for the property at House #416 West 5th Street. Refer to Notice of Contract Changed Condition Notification/Request Form - CO #1.

B – Reason for change or extra work:

A pay item for Retaining Wall Removal did NOT exist in the current Contract Documents; and would be required to execute the Changed Condition suggested and coordinated with the property owner for this location. The original Contract Drawings did NOT indicate how the sidewalk replacement shown was to be done safely. The Contractor was NOT willing to take the risk for removing the existing sidewalk, installing the sidewalk and the ADS compliant sidewalk crossing at the southeast quadrant at the intersection of West 5th and Spruce Street. All other pay items to complete the Changed Condition already existed in the Contract Documents.

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: [Signature] Contractor 4-6-17 Date Recommended: [Signature] Site Staff 4/12/17 Date

Approved: _____ City Engineer _____ Date Approved: _____ Public Works Director _____ Date

Federal Participation Approved Not Eligible City of Muscatine _____ Mayor (if required) _____ Date



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

Contract Modification No: 2017-8001

The Contractor has provided a Lump Sum Unit Price of \$ 2000.00 to remove and dispose of the existing railroad tie retaining wall and the cast-in-place retaining wall; with the exception of tipping fees at the local landfill for the old railroad ties. Additionally, for this price, the Contractor would over excavate the areas behind the existing walls to allow for re-construction of the walls with a subdrain system (to be done by the property owner, once the new sidewalks were in place). The Lump Sum Unit Price provided includes wall removals, over excavation, hauling and disposal of old retaining wall materials (except tipping fees, which are to be paid for by the property owner). All other Work associated with this Changed Condition is covered with already existing Contract Pay Items.

C-2 – Justification for cost(s):

The Contractor provided Lump Sum Unit Price compares favorably with the concrete removal prices and excavation prices already in use within the WHAS&SSSP-3B Contract. Refer to Notice of Contract Changed Condition Notification/Request Form - CO #4.

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
8000-01	RETAINING WALL REMOVALS	CO #		\$ 2,000.000	1.000	\$ 2,000.00
8						
8						
8						
8						
8						
8						
8						
TOTAL						\$ 2,000.00

Notice of Contract Changed Condition Notification/Request Form – CO #1

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:	WHAS&SSSP-3C	Date:	Thursday, March 30, 2017
Point of Contact:	W. J. "Bill" Haag	Department:	Public Works
Amount:	\$ 2,000.00	Est. Amount	
TBD Amount: (T&M)	\$		

Put (CR) behind dollar amount if this change is a credit.

Description:

416 W. 5th is a corner lot at Spruce & W. 5th. There are 3 retaining walls adjacent to the sidewalks on each side of the property, one each of wall blocks, railroad ties, and poured concreted. The railroad tie and poured walls are leaning out creating a hazardous situation for pedestrians and the contractors. A discussion with the homeowner resulted in an agreement for the City to pay for the removal of the railroad tie and poured walls, and removal and replacement of the sidewalk on each side of the property. The owners responsibility is the replacement of those walls with wall blocks at the homeowners expense.

Why notice requested:

A pay item for Retaining Wall Removal did NOT exist in the current Contract Documents; and would be required to execute the Changed Condition suggested and coordinated with the property owner for this location. The original Contract Drawings did NOT indicate how the sidewalk replacement shown was to be done safely. The Contractor was NOT willing to take the risk for removing the existing sidewalk, installing the sidewalk and the ADA compliant sidewalk crossing at the southeast quadrant at the intersection of West 5th and Spruce Street. All other pay items to complete the Changed Condition already existed in the Contract Documents.

The Contractor has provided a Lump Sum Unit Price of \$ 2000.00 to remove and dispose of the existing railroad tie retaining wall and the cast-in-place retaining wall; with the exception of tipping fees at the local landfill for the old railroad ties. Additionally, for this price, the Contractor would over excavate the areas behind the existing walls to allow for re-construction of the walls with a subdrain system (to be done by the property owner, once the new

CITY OF MUSCATINE

sidewalks were in place). The Lump Sum Unit Price provided includes wall removals, over excavation, hauling and disposal of old retaining wall materials (except tipping fees, which are to be paid for by the property owner). All other Work associated with this Changed Condition is covered with already existing Contract Pay Items.

This notice of Contract modification involves one or more of the following:

- X Modified conditions Should cost/savings be shared with others? _____
- X Quantity overrun Describe project delay due to this change. _____
- X Not identified in contract. _____

Authorizations:

_____ Date _____ Required regardless of dollar amount.
Department Director

_____ Required when cost is over \$5,000.
City Administrator

Change Order Request Form

Attach separate sheet to provide information requested if necessary.