



City of Muscatine



AGENDA ITEM SUMMARY

City Council

DATE:

August 19, 2021

STAFF

Pat Lynch, City Engineer

SUBJECT

Approval of Change Order #12, #16 and #17 to the West Hill Sewer Separation Project (WHSSP) Phase 4C Contract with K.E. Flatwork, Inc. for the amount of \$34,070.00.

EXECUTIVE SUMMARY

Staff recommends Council approve Change Orders 12, 16 and 17 to the West Hill Sewer Separation Project (WHSSP) Phase 4C Contract with K.E. Flatwork, Inc. for an increase of \$34,070.00. These change orders cover a number of minor changes to the contract. The cost for this project was estimated to be \$2,284,476.07. The awarded contract amount was \$2,105,175.75. Upon approval of Change Orders 12, 16 and 17, the Revised Project Amount will be \$2,135,745.75.

STAFF RECOMMENDATION

Staff recommends Council approve Change Orders 12, 16 and 17 to the West Hill Sewer Separation Project (WHSSP) Phase 4C Contract with K.E. Flatwork, Inc. for an increase of \$34,070.00.

BACKGROUND/DISCUSSION

This is Phase 5 of the sewer separation project started in 2013 and is scheduled to run through 2028. The changes are as follows:

Change Order #12:

- Removal of existing traffic signal foundations at the intersection of W 8th and Broadway (\$1,000.00)

Change Order #16:

- Contract Extension due to circumstances beyond the Contractor's control. This extended the substantial completion date to Friday, November 13, 2020. (No additional cost)

Change Order #17:

- Additional work in Ravine Fill Area not included in original scope. (\$4,715.00)
- Added construction layout to contractor's scope of work to utilize contractor's stakeless paving model technology. This reduced the amount of time charged to the City by the construction staking consultant. (\$13,500.00)
- Added temporary parking for residents on Broadway (\$450.00)
- Added temporary traffic control for detour for the Broadway intersection closure which was not included in the original bid. (\$4,125.00)
- Added utility vehicle rental for accessibly challenged residents while construction prevented access to their driveways. (\$8,500.00)
- Additional Tree removal and grading at 800 Iowa Ave. (\$1,780.00)

CITY FINANCIAL IMPACT

The budget is available to complete these projects from identified sources. The cost for this project was estimated to be \$2,284,476.07. The awarded contract amount was \$2,105,175.75. This contract was previously amended by Change Order 2. This changed the Project Amount to \$2,101,675.75. Upon approval of Change Orders 12, 16 and 17, the Revised Project Amount will be \$2,135,745.75. A portion of this project will be reimbursed by MP&W.

ATTACHMENTS

- Change Order #12
- Change Order #16
- Change Order #17

CHANGE ORDER
For Local Public Agency ProjectsNo.: 012Non-Substantial: Substantial: Administering Office
Concurrence DateAccounting ID No. (5-digit number): NAProject Number: 17660.40.00Contract Work Type: Combined Sewer SeparationLocal Public Agency: City of MuscatineContractor: K. E. Flatwork, Inc.Date Prepared: 12-22-2020

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

A - Description of change to be made:

Removal of Existing Traffic Signal Foundations at the intersection of West 8th Street & Broadway Street. Reference Instruction To Contractor (ITC) No. 017.

B - Reason for change:

With the closure of Washington Elementary School, the Muscatine City Engineer determined that the West 8th Street & Broadway Street intersection no longer warranted traffic signals. Per City Council vote and approval, this intersection will go from being a signalized intersection to a 4-Way Stop.

C - Settlement for cost(s) of change as follows with items addressed in Sections F and/or G:

The Contractor's quote for the removal of 5 Traffic Signal related foundations was \$200.00 per foundation.

D - Justification for cost(s) (See I.M. 3.805, Attachment D, Chapter 2.36, for acceptable justification):

The Contractor's quote was lower than what the costs would be for the local utility to remove and dispose of the foundations.

E - Contract time adjustment: No Working Days added Working Days added: _____ Unknown at this time

Justification for selection:

The Work was neither a Controlling Operation or a pre-requisite to any other Work; thus NO time added.



Form 831240 (01-18)

Accounting ID No.(5-digit number): NA

Change Order No.: 012

F - Items included in contract:

G - Items not included in contract:

Participating					For deductions enter as "-x.xx"		
Federal- aid	State- aid	Change Number	Item Number	Item Description	Unit Price .xx	Quantity .xxx	Amount .xx
8013	NA	CO #012	8013	TS Foundation Removals	\$200.00	5.000	\$1,000.00
				1,000			
				1,000			
						TOTAL	\$1,000.00
		Add Row		Delete Row			

H. Signatures

Agreed:

Contractor

3/18/2021

Accounting ID No.(5-digit number):

Recommended:

Project Engineer

Date

Change Order No.: 042

Approved:

Person in Responsible Charge (CPM)

12-22-2020

Date

Other (optional)

Title

Date

Contracting Authority (optional) Mayor

Date

Other (optional)

Title

Date

Iowa DOT Administering Office MP&W

Date

Approval is contingent upon funds being available under the existing project agreement or upon additional Federal-aid funds being made available by a modified project agreement.

FHWA Concurrence:

~~Federal Highway Division Administration~~ Date
~~(if required)~~

DISTRIBUTION (after fully executed on LPA projects): Original - Finance; Copies - Contractor, Project Engineer, Contracting Authority, Administering Office.

Date distributed: _____ Initials: _____

CHANGE ORDER
For Local Public Agency Projects

No.: 016

Non-Substantial:

Substantial:

Administering Office
Concurrence Date

Accounting ID No. (5-digit number): NA

Project Number: 17660.40.00

Contract Work Type: Combined Sewer Separation

Local Public Agency: City of Muscatine

Contractor: K. E. Flatwork, Inc.

Date Prepared: 12/22/2020

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

A - Description of change to be made:

West Hill Area Sanitary Sewer Separation Phase-4C (WHAS&SSSP-4C) Contract Extension.

B - Reason for change:

Due to circumstances beyond the control of the Contractor (which the Contractor listed and requested the Contractor's Extension). Refer to Instruction to Contractor (ITC) #018 and Contractor E-Mails dated July 16, 2020 and August 19, 2020. Per this Change Order No. 4C CO #016; the Contractor has been granted a revised Substantial Completion Date of Friday November 13, 2020 (the original Contract Substantial Completion Date was Friday October 02, 2020). Also, per this Change Order No. 4C CO #016; the Contractor has been granted a revised End of December Final Completion Date of December 31, 2020 (the original Contract Final Completion Date was Monday November 22, 2020).

C - Settlement for cost(s) of change as follows with items addressed in Sections F and/or G:

The Contractor agreed that there was NO additional cost associated with this Change Order.

D - Justification for cost(s) (See I.M. 3.805, Attachment D, Chapter 2.36, for acceptable justification):

As noted above, the Contractor provided detailed information of the actual situations that required a loss of ability to maintain productive work sequences. Previously, a Contract Extension was granted in West Hill Area Sanitary & Storm Sewer separation Phase-4A (WHAS&SSSP-4A); refer to 4A CO #003.

E - Contract time adjustment: No Working Days added Working Days added: See Below Unknown at this time

Justification for selection:

The Contract was based on end dates, NOT working days. As such weather conditions were not a reason for granting extra time; however the conditions that Contractor listed were beyond the normal control of the Contract. Thus, Contract Extensions were granted.



Form 831240 (01-18)

Accounting ID No.(5-digit number):

Change Order No.: 016

F - Items included in contract:

G - Items not included in contract:

Participating					For deductions enter as "-x.xx"		
Federal- aid	State- aid	Change Number	Item Number	Item Description	Unit Price .xx	Quantity .xxx	Amount .xx
		016	8014	Contract Extension	\$0.00	1.000	\$0.00
				0			
				0			

H. Signatures

Agreed:

Contractor

3/17/21

Accounting ID No.(5-digit number): _____

Change Order No.: 016

Recommended:

Project Engineer

3/18/2021

Approved:

Person in Responsible Charge (CRP)

12-22-2020

Other (optional) _____ Title _____ Date _____

Contracting Authority (optional) mayor _____ Date _____ Other (optional) _____ Title _____ Date _____

~~Iowa DOT Administering Office~~ MP&W _____ Date _____

Approval is contingent upon funds being available under the existing project agreement or upon additional Federal-aid funds being made available by a modified project agreement.

FHWA Concurrence:

~~Federal Highway Division Administration~~ _____ Date _____
(if required)

DISTRIBUTION (after fully executed on LPA projects): Original - Finance; Copies - Contractor, Project Engineer, Contracting Authority, Administering Office.

Date distributed: _____

Initials: _____

CHANGE ORDER
For Local Public Agency Projects

No.: 017

Non-Substantial:

Substantial:

Administering Office
Concurrence Date

Accounting ID No. (5-digit number): NA

Project Number: 17660.40.00

Contract Work Type: Combined Sewer Separation

Local Public Agency: City of Muscatine

Contractor: K. E. Flatwork, Inc.

Date Prepared: 12/22/2020

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

A - Description of change to be made:

- 4C CO #017 8015: Ravine Extras.
- 4C CO #017 8016: Stakeless Grading.
- 4C CO #017 8017: Broadway Street Parking.
- 4C CO #017 8018: Extra Traffic Control.
- 4C CO #017 8019: Utility Vehicles for Property Owner Use.
- 4C CO #017 8020: Tree Removal At 800 Iowa Avenue.

B - Reason for change:

- 8015: The City staff requested several items in the Ravine Fill Area. Refer to Instruction To Contractor (ITC) #020.
- 8016: Work for street profiles was transferred from City provided survey to construction survey by the Contractor to build the stakeless paving model. Refer to previous Change Order No. CO #011 (from Phase-4B) and ITC #021.
- 8017: In response to West 8th St. property owner access concerns, the Contractor was directed to provide parking on Broadway St.
- 8018: The Contract Plans did NOT provide staging traffic control for the intersection closure of West 8th St. and Broadway St.
- 8019: In further response to West 8th St. handicapped property owner concerns, the Contractor provided utility vehicles.
- 8020: From a Phase-4B complaint about a tree safety problem/concern, the Contractor removed a tree.

C - Settlement for cost(s) of change as follows with items addressed in Sections F and/or G:

- 8015: Refer to 6 Ravine Fill Area cost items identified and negotiated with the Contractor totalling \$ 4,715.00.
- 8016: Refer to previous Change Order No. 4B CO #011 and the negotiated price with the Contractor totalling \$ 13,500.00.
- 8017: Refer to the negotiated price with the Contractor totalling \$ 450.00.
- 8018: Refer to the negotiated price with the Traffic Control Subcontractor and Contractor totalling \$ 4,125.00.
- 8019: Refer to Invoiced Price that the Contractor provided totalling \$ 8,500.00.
- 8020: Refer to the negotiated price the Tree Removal Subcontractor and Contractor provided totalling \$ 1,780.00.

D - Justification for cost(s) (See I.M. 3.805, Attachment D, Chapter 2.36, for acceptable justification):

- 8015: Refer to ITC #020.
- 8016: Refer to ITC #021.
- 8017: Refer to ITC #022.
- 8018: Refer to ITC #023.
- 8019: Refer to ITC #024.
- 8020: Refer to ITC #026.

E - Contract time adjustment: No Working Days added Working Days added: _____ Unknown at this time

Justification for selection:

F - Items included in contract:

Participating					For deductions enter as "-x.xx"		
Federal- aid	State- aid	Line Number	Item Description		Unit Price .xx	Quantity .xxx	Amount .xx
				Add Row	Delete Row	TOTAL	

G - Items not included in contract:

Participating					For deductions enter as "-x.xx"		
Federal- aid	State- aid	Change Number	Item Number	Item Description	Unit Price .xx	Quantity .xxx	Amount .xx
		#017	8015	Ravine Extras	\$4,715.00	1.000	\$4,715.00
		#017	8016	Stakeless Grading	\$13,500.00	1.000	\$13,500.00
		#017	8017	Broadway Street Parking	\$450.00	1.000	\$450.00
		#017	8018	Extra Traffic Control	\$4,125.00	1.000	\$4,125.00
		#017	8019	Utility Vehicles	\$8,500.00	1.000	\$8,500.00
		#017	8020	Tree Removal	\$1,780.00	1.000	\$1,780.00
				Add Row	Delete Row	TOTAL	\$33,070.00

H. Signatures

Agreed:



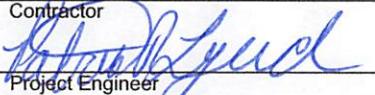
Contractor

3/17/21

Accounting ID No.(5-digit number): _____

Change Order No.: 017

Recommended:



Project Engineer

3/18/2021
Date

Approved:



Person in Responsible Charge (CPM)

12-22-2020

Date

Other (optional)

Title

Date

Contracting Authority (optional) *Major*

Date

Other (optional)

Title

Date

Iowa DOT Administering Office *MP&W*

Date

Approval is contingent upon funds being available under the existing project agreement or upon additional Federal-aid funds being made available by a modified project agreement.

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