



ITEM 11F

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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: Gregg Mandsager, City Administrator
CC: Fran Donelson, Secretary
FROM: Randy Hill, Public Works Director
DATE: November 17, 2014
RE: Change Order #4 – Colorado Street Reconstruction Project

INTRODUCTION:

A Change Order (#4) is requested for the Colorado Street Reconstruction Project.

BACKGROUND:

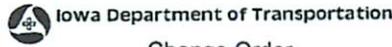
This Change Order covers the additional work required because of a redesign of the storm sewer near Park Ave. The contractor had to pump the storm sewer to the nearest structure until the redesign could be built. Also the decorative iron fence was eliminated from the contract and black chainlink fence to match the existing was added.

RECOMMENDATION/RATIONALE:

The work was necessary for completion of the project and was part of a redesign of stage one storm sewer. A deduct is the result of changing the fencing. It is staff's recommendation to approve the change order. The total amount of Change Order #4 is \$5,628.08

BACKUP INFORMATION:

1. Copy of Change Order #4
- 2.
- 3.
- 4.



Change Order

Non-Substantial:

Part

Non-Part

No. 004

Substantial:

Concurrence Date _____

Contract Accounting ID No.: 31005

County Muscatine

Project No: STP-U-5330(616)--70-70

Kind of Work: PCC PVMT-GRADE AND REPLACE Date Prepared: 10/16/2014

Contractor: HEUER CONSTRUCTION

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

A - Description of change to be made or extra work to be done:

THIS IS A REVISION THAT COVERS MULTIPLE CHANGES TO THE CONTRACT. THE STORM SEW. DESIGN IN THE PROJECT HAD TO BE REDESIGNED BECAUSE THE ORIGINAL DESIGN COULD NOT WORK. THE STORM SEWER WAS REROUTED TO THE SOUTH OF THE PROJECT INSTEAD OF FLOWING NORTH TO THE PARK AVE. DITCH. THIS STORM SEWER REDESIGN CAUSED THE CONTRACTOR TO HAVE TO PUMP STORM SEWER TO THE NEAREST STRUCTURE UNTIL THE REDESIGN COULD BE BUILT, THIS REQUIRED A PUMP THAT WAS IN-PLACE FOR APPROXIMATELY 2 MONTHS. THE EXTRA WATERMAIN REQUESTED BY MP&W RESULTED IN ADDITIONAL WORKING DAYS BEING USED, THIS CHANGE ORDER ADDS 12 WORKING DAYS TO THE CONTRACT FOR THE DELAY AND CONSTRUCTION OF THE ADDED WATER MAIN AND ASSOCIATED PRESSURE TESTING AND DISINFECTION. THE DECORATIVE IRON FENCE IS ELIMINATED FROM THE CONTRACT AND BLACK CHAINLINK FENCE TO MATCH EXISTING IS ADDED TO THE CONTRACT.

B - Reason for change or extra work:

THE WORK IS NECESSARY FOR COMPLETION OF PROJECT AND WAS PART OF REDESIGN OF STAGE ONE STORM SEWER.

-DUE TO THE DESIGN CHANGES SOME MATERIALS ON SITE WERE NOT USED. THESE ITEMS WERE DELIVERED TO THE CITY CONT. COULD NOT RESTOCK THEM. SEE 9/9/2014 LETTER. THIS WILL BE NON-PART COSTS.

-THE STORM SEWER OUTLET COULD NOT BE COMPLETED SO THE OUTLET HAD TO BE PUMPED FOR AN EXTENDED PERIOD OF TIME. THIS WAS DUE TO THE DESIGN CHANGE.

-WATERMAIN WAS ADDED TO THE CONTRACT TO KEEP FROM TEARING UP NEW PAVEMENT IN 6 MONTHS DUE TO AN MPW IMPROVEMENT. IT WAS PAID FOR AT CONTRACT PRICES BUT THE WORKING DAYS NEEDED ARE ADDED TO THE CONTRACT IN THIS CHANGE ORDER. ZERO COST ITEM.

-ELIMINATE ITEM 0280 ORNAMENTAL METAL RAILING FROM THE CONTRACT AND REPLACE WITH 48" CHAINLINK FENCE TO MATCH EXISTING FENCE ON TOP OF RETAINING WALL.

(Continued on reverse side)

Approved _____
District Construction Engineer Date

James G. Raymond
Project Engineer 11/12/2014
Date

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

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

Contractor

By _____
Date

Date For the Division Administrator
Federal Highway Administration

Approved _____
Assistant Construction Engineer Date

DISTRIBUTION: Project Engineer - Forward original to District.
District - Nonsubstantial - Forward original and one copy to the Office of Construction and two copies back to the Project Engineer.
- Substantial - Forward original and two copies to the Office of Construction.

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

Change Order No. 004

NEW LUMP SUM PRICES FOR EXTRA ITEMS AND NEW UNIT PRICES

C-2 – Justification for cost(s) THE MATERIAL PRICES ARE JUSTIFIED WITH THE MATERIAL COST SHEETS ATTACHED. JUSTIFICATION FOR THE PUMPING OF STORM SEWER FLOW IS ATTACHED BASED ON TIME AND MATERIAL COSTS FOR THE CITY TO PERFORM THIS WORK. CHAIN LINK FENCE COST IS COMPARABLE TO IOWADOT UNIT PRICES, IT IS SLIGHTLY HIGHER THAN THE AVERAGE BUT IT IS ALSO A VERY SMALL QUANTITY.

D – ITEMS INCLUDED IN CONTRACT

Change No.	Line Item Number	Unit Price .xxx	If Credit Add "CR"	
			Quantity .xxx	Amount .xx
7 010	0280	50.000	32.200 CR	-1,660.00
7 00				
7 00				
7				
7				
7				
7				
TOTAL				-1,660.00

E – ITEMS NOT INCLUDED IN CONTRACT

Change No.	Item Description	Item Number	Function Code	Unit Price .xxx	If Credit, Add "CR"	
					Quantity .xxx	Amount .xx
8011	"UNINCORPORATED MAT. (STORM SEW.)" LUMP SUM NON PARTICIPATING	6100-1109010		4521.280	1.000	4521.28
8012	"STORM SEW OUTLET PUMPING" LUMP SUM. PART.	2599-9999010		1350.000	1.000	1350.00
8013	"FENCE, CHAINLINK, 48" HEIGHT, BLACK" LINEAR FEET PART.	2519-1002048		44.000	32.200	1416.80
8						
8						
8						
8						
TOTAL						7,288.08