



MEMORANDUM

DATE: June 9, 2009

FROM: Roger Kirby, Director WPCP

TO: A. J. Johnson, City Administrator

SUBJECT: Change Order #1

Attached is Change Order #1 for the WPCP Improvement Project from V & K. I should have the signed copies back from Williams Brothers before the council meeting on June 18th. We were able to negotiate some changes for a cost savings to us. The only large change was the addition of a large slide gate for \$11,298. We originally anticipated using the existing gate but found it was not functioning and it would cost more to repair than to have the contractor install a new one. The biggest credit was from a redesign of the motor control centers. Bob Jones was able to provide the engineers and the contractor with information during his review of the system for the changes and savings for the city. The other main aspect of the change order is the time extension for construction because of the weather and also the changes in the MCC. I feel this is a legitimate request. They are not really anticipating the need for the extra time at this point, but it is for their protection if needed later.

I recommend acceptance of Change Order #1 as presented. Please put this on the council agenda for June 18, 2009.



June 5, 2009

CHANGE ORDER NO. 1

MUSCATINE, IOWA
 WATER POLLUTION CONTROL PLANT IMPROVEMENTS

This change order is to document 10 modifications to the construction contract for the Water Pollution Control Plant Improvements. The modifications included in this change order are for additions and deletions of work to the contract. Compensation for the Contractor for each of the items is based on the Contractor's Proposal as reviewed, negotiated and approved. Modifications to the contract included in Change Order No. 1 are as shown on Attachment A.

Change Order No. 1 to the contract for the Water Pollution Control Plant Improvements provides for a decrease of \$45,451 in contract price and revised substantial completion and final completion dates of June 28, 2011 and July 28, 2011 respectively.

WILLIAMS BROS. CONSTRUCTION INC.

By Martin K. McLaughlin

Title PROJECT MANAGER

Date 6/10/09

VEENSTRA & KIMM, INC.

By SARA C. LORENCE

Title Project Manager

Date 6/5/09

CITY OF MUSCATINE, IOWA

By Richard W. Brown

Title Mayor

Date June 18, 2009

ATTEST:

By [Signature]

Title City Clerk

Date June 18, 2009

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WILLIAMS BROTHERS
CONSTRUCTION INC

ATTACHMENT A

CHANGE ORDER NO. 1

**WATER POLLUTION CONTROL PLANT IMPROVEMENTS
MUSCATINE, IOWA**

COST CHANGES

1. Accept Corrim Company as the supplier of the fiberglass reinforced plastic (FRP) doors, frames, windows, and louvers.	-	\$17,000
2. Provide three additional isolation gate valves on the W2 water distribution system.	+	\$2,134
3. Provide one additional 42" by 42" stainless steel slide gate at the Aeration Basin Splitter Box.	+	\$11,298
4. Delete the oxygen transfer shop test for the fine bubble aeration system.	-	\$2,725
5. Provide additional conduit, wiring, and programming to have the SCADA system monitor and trend the gas concentrations measured by the gas meter in the new Digester Building.	+	\$1,792
6. Delete four electric slide gate operators, provide six hand crank operators, and provide one portable electric gate actuator.	-	\$3,436
7. Redesign the motor control centers (MCC) and variable frequency drives (VFD) so they comply with the specifications and fit in the existing buildings.	-	\$37,514
8. Provide 2" rigid insulation along three sides of the relocated 4" W1 where it crosses above the buried incoming power duct bank.	No Cost Change	
9. Provide surface mounted instead of embedded gates for G-20-1, G-20-2, G-20-3, G-40-3, and G-40-4.	No Cost Change	
10. Provide additional excavation as required to maintain 5' minimum cover on the 36" PI from the Headwork Building to the Primary Clarifier Flume Structure.	No Cost Change	
	TOTAL	-\$45,451

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**WILLIAMS BROTHERS
CONSTRUCTION INC**

TIME CHANGES

1. Extend the construction contract 70 calendar days to allow for inclement weather prior to June 1, 2009, and the time taken to analyze and agree upon changes to the slide gates, motor control centers, and variable frequency drives.

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WILLIAMS BROTHERS
CONSTRUCTION INC