



1202 Musser Street
Muscatine, IA 52761-1645
(563) 263-2752
Fax (563) 263-3720

WATER POLLUTION CONTROL

MEMORANDUM

To: Gregg Mandsager, City Administrator

From: Roger Kirby, Director WPCP

Date: February 14, 2011

Re: WPCP Plant Renovation Project Change Order # 7

INTRODUCTION: Attached is request for Change Order # 7 for our WPCP renovation project. I will have the official change order for the council meeting next week. This change order provides for an increase of \$32,814 in the contract price.

BACKGROUND: There are a total of six modifications included with this change order. Most of the current changes are related to our new SCADA system and getting feed back to our Operations Center to again attempt to eliminate 24/7 staffing of the plant. The payback period will be a very short when you don't have to pay someone to be on sight all of the time.

RECOMMENDATION/RATIONALE: We have approved these changes and I recommend the city council accept this change order for \$32,814 Please include this item on the agenda for the April 7th Council Meeting.

BACKUP INFORMATION:

The total for all change orders including this one will be about \$126K or about .8%. Typically construction change orders will be in the 8-10% range, so this is far less than those amounts. We are getting closer to completion of this project and could be running on the new plant in the next two to three months.



**WILLIAMS
BROTHERS**
CONSTRUCTION, INC

March 30, 2011

Mr. James Lorence, P.E.
Veenstra & Kimm
3000 Westown Parkway
West Des Moines, IA 50266-1320

Re: Muscatine Water Pollution Control Plant Improvements
Request for Change Order

Dear Jim:

Williams Brothers Construction, Inc. requests that Change Order No. 7 be issued to document agreed modifications to the construction contract for the Muscatine Water Pollution Control Plant Improvements. Modifications which have been approved include:

RFP-065	Add for providing structural steel framing revisions to Anaerobic Digester platforms and stairs to Digester Control Bldg. roof	+\$9,966.00
RFP-066	Add for revisions to the Pressure Relief Valve on the Digester Gas System	+\$2,127.00
RFP-067	Add for piping modifications at the Pressure Release Valve for DAF No. 1.	+\$ 677.00
RFP-068R	Add for providing labor and materials for connecting the UV Bldg. to the Plant SCADA network via fiber optic.	+\$11,021.00
RFP-069	Add for providing (2) high level float alarms for Digester drop boxes	+\$ 3,580.00
RFP-070	Add for providing analog feedback from the aeration blower inlet valves	+\$5,443.00

This Change Order will add \$32,814.00 to the contract price.

The issuance of this Change Order will allow Purchase Orders to be released on critical items related to the timely completion of the project.

Sincerely,
Williams Brothers Construction Inc.

By Marty McGann
Marty McGann, Project Manager

cc: File/Job



April 5, 2011

CHANGE ORDER NO. 7

MUSCATINE, IOWA
 WATER POLLUTION CONTROL PLANT IMPROVEMENTS

This change order is to document 6 modifications to the construction contract for the Water Pollution Control Plant Improvements. The modifications included in this change order are for additions 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. 7 are as shown on Attachment A.

Change Order No. 7 to the contract for the Water Pollution Control Plant Improvements provides for an increase of \$32,814 in the contract price.

WILLIAMS BROS. CONSTRUCTION INC.

By Martin K. McGinnis
 Title Project Manager
 Date 4/5/11

CITY OF MUSCATINE, IOWA

By _____
 Title Mayor
 Date _____

VEENSTRA & KIMM, INC.

By JAMES C. LORENCE
 Title Project Manager
 Date 4/5/11

ATTEST:

By _____
 Title City Clerk
 Date _____

ATTACHMENT A

CHANGE ORDER NO. 7

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

COST CHANGES

1. Provide additional structural steel framing and checkered plate at the Anaerobic Digester platforms around the four draft tube mixers. Provide an access platform and stairs to the roof of the Anaerobic Digester Building roof, RFP No. 065.	+ \$9,966
2. Install the pressure relief valve adjacent to the Anaerobic Digester Building, RFP No. 066.	+ \$2,127
3. Provide piping modifications and change the dissolved Air Flotation Unit No. 2 pressure release valve from 4" to 3" diameter, RFP No. 067.	+ \$677
4. Connect the UV Building to the Plant SCADA system via fiber optic including a new fiber optic panel, network switch, UPS, patch panel, enclosure, and associated wiring and equipment, RFP No. 068R.	+ \$11,021
5. Add two high level float alarms, one in each Anaerobic Digester drop box, and connect to the Plant SCADA system, RFP No. 069.	+ \$3,580
6. Provide an analog feedback from the five Aeration Basin blower inlet control valves and connect to the Plant SCADA system, RFP No. 070.	+ <u>\$5,443</u>
Total	\$32,814