



# Memo

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TO: Mayor Manier and City Council  
FROM: Ed Andrews, Public Works Director  
SUBJECT: CO#4 for WTP#1 Improvement Upgrades for  
Addition of Flashing Protection at Four (4) Hatches  
DATE: April 13, 2018

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**EXECUTIVE SUMMARY:**

On August 21<sup>st</sup>, the City Council awarded the WTP#1 Improvement Upgrades for New Brine Tanks & Chlorine / Fluoride Separation in a not to exceed amount of \$450,000 to River City Construction (RCC).

Change Order #4 is proposed for the addition of flashing protection for the four exterior hatches associated with the brine tanks and still basins. By contract the hatches are specified to set with a caulk bead, but staff recommends additional protection using an elastomeric rubber membrane with fabricated flashing protection.

This work will result in a Contract Change of an additional **\$3,694**, or an upper-end adjustment of RCC's contract to \$455,830 for all work and change orders. This represents a total increase of 1.3%

This matter has been placed on the City Council consent agenda of Monday, April 16<sup>th</sup>, 2018 for review and approval.

cc: File

**Change Order No.** 4

Date of Issuance: 4/12/2018  
Owner: City of Washington  
Contractor: River City Construction, LLC  
Engineer: Crawford, Murphy & Tilly, Inc.  
Project: WTP No. 1 – 2017 Improvement Project

Effective Date: 4/12/2018  
Owner's Contract No.:  
Contractor's Project No.:  
Engineer's Project No.: 16007-01-00  
Contract Name:

The Contract is modified as follows upon execution of this Change Order:

Description: Installation of membrane flashing from hatches overlapping down to the side of the curbs w/EPDM and flashing materials to seal the outside joint between the concrete curb and the hatches.

Attachments: *Exhibit A Contractor's Proposal*

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES <i>[note changes in Milestones if applicable]</i>
Original Contract Price:  \$ <u>450,000.00</u>	Original Contract Times: FL Bldg / Brine Tanks Substantial Completion: <u>01/11/18 – 04/01/18</u> Ready for Final Payment: <u>02/10/18 – 05/01/18</u> days or dates
[Increase] [Decrease] from previously approved Change Orders No. <u>0</u> to No. <u>3</u> :  \$ <u>2,136.00</u>	[Increase] [Decrease] from previously approved Change Orders No. <u>0</u> to No. <u>3</u> : Substantial Completion: <u>02/16/18 – 04/01/18</u> Ready for Final Payment: <u>03/16/18 – 05/01/18</u> days
Contract Price prior to this Change Order:  \$ <u>452,136.00</u>	Contract Times prior to this Change Order: Substantial Completion: <u>02/16/18 – 04/01/18</u> Ready for Final Payment: <u>03/16/18 – 05/01/18</u> days or dates
[Increase] [Decrease] of this Change Order:  \$ <u>3,694.00</u>	[Increase] [Decrease] of this Change Order: Substantial Completion: <u>0</u> Ready for Final Payment: <u>15</u> days or dates
Contract Price incorporating this Change Order:  \$ <u>455,830.00</u>	Contract Times with all approved Change Orders: Substantial Completion: <u>02/16/18 – 04/01/18</u> Ready for Final Payment: <u>03/16/18 – 05/16/18</u> days or dates

<b>RECOMMENDED:</b>		<b>ACCEPTED:</b>		<b>ACCEPTED:</b>	
By: <u></u>	By: _____	By: _____	By: _____	By: _____	By: _____
Engineer (if required)	Owner (Authorized Signature)		Contractor (Authorized Signature)		
Title: <u>PROJECT MANAGER</u>	Title: _____	Title: _____	Title: _____	Title: _____	Title: _____
Date: <u>4/12/18</u>	Date: _____	Date: _____	Date: _____	Date: _____	Date: _____



CONSTRUCTION  
101 HOFFER LANE \* EAST PEORIA, IL 61611  
PH (309) 694-3120 \* FAX (309) 694-1332

Project Name	WASHINGTON WTP NO 1
Owner	CITY OF WASHINGTON
A/E	CMT
Description	HATCH FLASHING
CPR#	5
Date	April 5, 2018

## CHANGE ORDER PROPOSAL BREAKDOWN REPORT

### Summary of River City Construction Costs

Labor	\$340.00
Material	\$50.00
Other	\$0.00
Net Total	\$390.00
Overhead and Profit 15.00%	\$58.50

**Total River City Construction Costs** **\$448.50**

### Summary of Subcontractor Costs

Subcontractor	Description of Work	Cost
Oberlander	INSTALLATION OF MEMBRANE FLASHING FROM HATCHES OVERLAPPING DOWN TO THE SIDE OF THE CURBS W/ EPDM AND FLASHING MATERIALS	\$3,056.00
xxx		\$0.00
xxx		\$0.00
xxx		\$0.00
xxx		\$0.00
xxx		\$0.00
xxx		\$0.00
xxx		\$0.00
Net Total		\$3,056.00
Overhead and Profit 5.00%		\$152.80

**Total Subcontractor Costs** **\$3,208.80**

### Summary of Proposal

Subtotal for Described Work	\$3,657.30
Insurance 1.00%	\$36.57
Bonds 1.00%	\$36.57

**TOTAL PROPOSAL AMOUNT** **\$3,694.00**

Owner/Engineer

  
River City Project Manager

Project Name	WASHINGTON WTP NO 1
Owner	CITY OF WASHINGTON
A/E	CMT
Description	HATCH FLASHING
COR#	5
Date	April 5, 2018

### CHANGE ORDER PROPOSAL BREAKDOWN REPORT

#### Labor and Material Costs

Item #	Description	Qty	Units	Material Unit Price	Material Total	Labor Hrs	Labor/Hr	Labor Total
1	GRIND TOP OF BOLTS TO TOP OF NUT FOR FLASHING	1	EA	\$50.00	\$50.00	4	\$85.00	\$340.00
2					\$0.00			\$0.00
3					\$0.00			\$0.00
4					\$0.00			\$0.00
5					\$0.00			\$0.00
6					\$0.00			\$0.00
7					\$0.00			\$0.00
8					\$0.00			\$0.00
9					\$0.00			\$0.00
10					\$0.00			\$0.00
11					\$0.00			\$0.00
12					\$0.00			\$0.00
13					\$0.00			\$0.00
14					\$0.00			\$0.00
15					\$0.00			\$0.00
Material:					\$50.00	Labor:		\$340.00

#### Other Costs

Item #	Description	Quantity	Units	Material Unit Price	Material Total	Labor Hrs	Labor/Hr	Labor Total
1	Equipment: Skid Steer				\$0.00			\$0.00
2	Equipment: Compactor				\$0.00			\$0.00
3	Equipment:				\$0.00			\$0.00
4	Small Tools				\$0.00			\$0.00
5	Dumpster				\$0.00			\$0.00
6	Coordination / Drawings				\$0.00			\$0.00
7	Layout / Surveying				\$0.00			\$0.00
8	Clean-Up				\$0.00			\$0.00
9	Supervision/PM				\$0.00			\$0.00
10	Utilities				\$0.00			\$0.00
Material:					\$0.00	Labor:		\$0.00



**Kreiling Roofing Co.**

2335 W. Altorfer Drive  
Peoria, Illinois 61615

## **FLASHING PROPOSAL**

April 5, 2018

Attn: Brad Klisares  
River City Construction LLC  
101 Hoffer Lane  
East Peoria, IL 61611-9334rospective Bidders

Re: City of Washington, Water Treatment Plant No. 1, 2017 Improvement Project.

Scope of work at tops of wells and brine tanks.

1. Insulate sides and flanges of two 2'x2' and two 4'x10' hatches.
2. Flash hatches down to sides of concrete curbs. We propose to use EPDM membrane and flashing materials.

**Proposal: \$ 3,056.00**

**Prepared By:**

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Kreiling Roofing is a member of the Midwest Roofing Contractors Association: 2017 Elite Contractor and Gold Safety Award Recipient  
Kreiling Roofing is an eligible Women Business Enterprise as set forth in NWBOC standards and procedures.