

**CONTRACT CHANGE ORDER NO. 03**

CONTRACT AWARDED BY: Fresno City Council DATE OF AWARD: November 20th 2015  
PROJECT: Southeast Surface Water Treatment Facility  
P.O. NO: FRSNO-0000070070 PROJECT ID NO: WC000057 BID FILE NO: 3369  
CONTRACTOR: W. M. Lyles Co. of Fresno, California

*The Contractor is hereby requested to make the herein described changes from the Contract Documents or do the following described work not included in the plans and specifications on this contract. NOTE: THIS CHANGE IS NOT EFFECTIVE UNTIL FULLY EXECUTED.*

**Description of Requested Change:**

**I. CHANGES TO CONTRACT PLANS AND SPECIFICATIONS.**

A. This Change Order No. 3 incorporates three Value Engineering changes that were proposed by the Contractor: 1) modifications to the site perimeter wall, 2) changes to the concrete crack control joints in the Sludge Lagoons, and 3) changes to the reservoir underdrain collectors. See Page 2 for summary description.

**II. CONTRACT PRICE**

A. This Change Order No.3 results in a net decrease of \$156,564.00 to the contract price.

**III. CONTRACT TIME**

B. No time impacts

STATEMENT OF CONTRACT PRICE		STATEMENT OF CONTRACT TIME		
Original Contract Price	\$ 158,766,000.00		Calendar Days	Contract Dates
Approved Cost Change Orders to Date	\$ (1,706,047.00)	Contract Notice to Proceed		12/31/2015
Cost of this Change Order	\$ (156,564.00) See (Pg 2)	Calendar Days to Substantial Completion	910	
<b>Total of all Contract Cost Change Orders including this Change Order</b>	<b>\$ (1,862,611.00)</b>	Calendar Days to Final Completion	1,000	
		Computed Date for Substantial Completion		6/27/2018
		Computed Date for Final Completion		9/25/2018
		Time Extension Days For Contract		
		Time extension days this CCO	0	
		Total time extension days previous CCO's	0	
		Total Time Extension Days To Date	0	
		Excess Adverse Weather Days To Date (Pg	0	
		Suspended Work Days To Date	0	
		<b>Revised Substantial Completion Date</b>		<b>6/27/2018</b>
		<b>Revised Final Completion Date</b>		<b>9/25/2018</b>
Net percentage change in Contract Price from original Contract Price	-1.2%			
<b>Revised Contract Price</b>	<b>\$ 156,903,389.00</b>			

**CONTRACTOR ACCEPTANCE**

We, the undersigned contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the price shown above.

Acceptance Date: 6/21/16 Contractor: W. M. Lyles Co. of Fresno, California

Accepted By: [Signature] Title: SR. VP

If the contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to proceeding with the ordered work.

**OWNER APPROVAL**

Submitted By: [Signature] Recommended By: [Signature]

Ben Carlisle, Construction Manager

Randy Hoffman, Project Manager

Date: 07/01/2016

Authorized By: ☒ Public Utilities Water Division Manager

Michael Carrao

Date: 7/13/16

Approved By: ☒ Public Utilities Director

Thomas Esqueda

Date: 7/18/2016

Approved By: ☐ City Council Minutes of Meeting Dated: \_\_\_\_\_

(Council approval required if change order or total change orders exceed 10 percent of contract price or if individual change order exceeds Fresno City Charter limit or Section 33422 Health and Safety Code for Agency contracts.)

CONTRACT CHANGE ORDER NO.  
Change Order Details

03

Change Order Request	Description	Amount	Time Increase
VE # 001	Modify Site Perimeter Block Wall from 6'-6" deep by 1'-0" wide footing to a 1'-6" deep by 3'-6" spread footing to provide the same foundation performance with less excavation, backfill, and concrete. Per the Construction Manager's Change Order Recommendation No. 009 dated 05/18/2016 (attached) the cost savings allocated to the City is \$34,717.00	\$ (34,717.00)	0
VE # 002	Modify the crack control joints in Backwash Sludge Lagoons to provide the same level of shrinkage crack control with less manual saw-cutting and joint sealant. Per the Construction Manager's Change Order Recommendation No. 009 dated 05/18/2016 (attached) the cost savings allocated to the City is \$62,124	\$ (62,214.00)	0
VE # 003	Change the Treated Water Reservoir structural underdrain collectors from buried Scheudle 80 PVC pipe to and HDPE dual wall corrugated pipe. Per the Construction Manager's Change Order Recommendation No. 009 dated 05/18/2016 (attached) the cost savings allocated to the City is \$59,633	\$ (59,633.00)	0
		\$ (156,564.00)	0



DEPARTMENT OF PUBLIC UTILITIES  
WATER DIVISION  
Adverse Weather Delay Days



Agreed Adverse Weather Days

Month	AWDs	Excess AWDs to be Applied to Contract Time
Jan-16	TBD	TBD
Feb-16	TBD	TBD
Mar-16	TBD	TBD
Apr-16	TBD	TBD
May-16	TBD	TBD
Jun-16	TBD	TBD
Jul-16	TBD	TBD
Aug-16	TBD	TBD
Sep-16	TBD	TBD
Oct-16	TBD	TBD
Nov-16	TBD	TBD
Dec-16	TBD	TBD
Jan-17	TBD	TBD
Feb-17	TBD	TBD
Mar-17	TBD	TBD
Apr-17	TBD	TBD
May-17	TBD	TBD
Jun-17	TBD	TBD
Jul-17	TBD	TBD
Aug-17	TBD	TBD
Sep-17	TBD	TBD
Oct-17	TBD	TBD
Nov-17	TBD	TBD
Dec-17	TBD	TBD
Jan-18	TBD	TBD
Feb-18	TBD	TBD
Mar-18	TBD	TBD
Apr-18	TBD	TBD
May-18	TBD	TBD
Jun-18	TBD	TBD
Jul-18	TBD	TBD
Aug-18	TBD	TBD
Sep-18	TBD	TBD
Oct-18	TBD	TBD
Nov-18	TBD	TBD

Total Excess AWDs

0

## MEMORANDUM

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**SUBJECT:** VALUE ENGINEERING ITEM No. 001 SUMMARY  
**TO:** Mike Carbajal  
**FROM:** Randy Hoffman  
**DATE:** 01 July 2016

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**Value Engineering Item No. 001 Description:** Drawing 01C027 calls for a 6'-6" deep by 1'-0" wide footing under the perimeter block wall. By changing this to a spread footing that is 1'-6" deep by 3'-6" wide there are saving in excavation, backfill, and concrete.

<b>Total Cost Savings:</b>	\$69,433.00
<b>Contractor Cost to Develop:</b>	\$0
<b>City Cost to Evaluate:</b>	\$0
<b>Net Cost Savings to Be Shared:</b>	\$69,433
<b>Contractor Share:</b>	\$34,716
<b>City Share:</b>	\$34,717

<b>Total Time Savings:</b>	0 days
<b>Time Added to Contract:</b>	0 days

## MEMORANDUM

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**SUBJECT:** VALUE ENGINEERING ITEM No. 002 SUMMARY  
**TO:** Mike Carbajal  
**FROM:** Randy Hoffman  
**DATE:** 01 July 2016

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**Value Engineering Item No. 002 Description:** There are six lagoons that receive a fiber reinforced concrete liner (Reference Drawing 60C003). After placement of the liner, joints are cut into the concrete at 15' spacing. Specification 02502 3.03 B.3 requires a second cut to widen the joint to 3/8" for 1/4 of the slab depth. This VE Item deletes these saw cut joints and eliminates all joint sealant.

<b>Total Cost Savings:</b>	\$124,248.00
<b>Contractor Cost to Develop:</b>	\$0
<b>City Cost to Evaluate:</b>	\$0
<b>Net Cost Savings to Be Shared:</b>	\$124,248.00
<b>Contractor Share:</b>	\$62,124.00
<b>City Share:</b>	\$62,124.00

<b>Total Time Savings:</b>	0 days
<b>Time Added to Contract:</b>	0 days

## MEMORANDUM

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**SUBJECT:** VALUE ENGINEERING ITEM No. 003 SUMMARY  
**TO:** Mike Carbajal  
**FROM:** Randy Hoffman  
**DATE:** 01 July 2016

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**Value Engineering Item No. 003 Description:** The pipe schedule on Drawing G-014 requires the Structural Underdrain Collectors (SUC) buried piping to be SCH80 PVC pipe. This VE Item changes this material to dual wall corrugated HDPE pipe. The HDPE material is readily available locally, will have the manufacturers standard slotting pattern, and will include a filter fabric cover over the pipe. This proposal does not impact the project schedule however may help expedite construction of the reservoir due to material availability

<b>Total Cost Savings:</b>	\$119,265.00
<b>Contractor Cost to Develop:</b>	\$0
<b>City Cost to Evaluate:</b>	\$0
<b>Net Cost Savings to Be Shared:</b>	\$119,265.00
<b>Contractor Share:</b>	\$59,632.00
<b>City Share:</b>	\$59,633.00

<b>Total Time Savings:</b>	0 days
<b>Time Added to Contract:</b>	0 days