

### DEPARTMENT OF PUBLIC UTILITIES WATER DIVISION



1910 East University Avenue, Fresno, California, 93721

### CONTRACT CHANGE ORDER NO. 03

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 perimiter 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 TIME  Cost of this Change Order S  (1,706,047.00)  Cost of this Change Order S  (1,862,811.00)  Net percentage change in Contract Price  1.2%  Net percentage change in Contract Price  from original Contract Price  1.2%  Net percentage change in Contract Price  from original Contract Price  1.2%  Net percentage change in Contract Price  1.2%  Revised Contract Price  1.2%  CONTRACT PRICE  Net percentage change in Contract Price  1.2%  Revised Contract Price  1.2%  CONTRACT PRICE  Net percentage change in Contract Price  1.2%  CONTRACT PRICE  Net percentage change in Contract Price  1.2%  Contractor Vision Manager  Contract Price  1.2%  Contractor Price  1.2%  Contractor Vision Manager  Contractor Vision Mana	CONTRACT	AWARDED B	Y: Fresno (	City Co	uncil		DATE OF AWARD: _	November 2	0th 2015	
CONTRACTOR: W. M. Lyles Co. of Freeno, California  The Contractor is hereby requested to make the herelin 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:  1. 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 perintient wall, 2) changes to the concrete crack control joints in the Sludge Lagoons, and 3) 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.  III. CONTRACT PRICE  A. This Change Order No. 3 results in a net decrease of \$156,564,00 to the contract price.  III. CONTRACT TIME  STATEMENT OF CONTRACT PRICE  Cost of this Change Order to Date  Cost of this Change Order so 15 (1,766,047.00)  Corporated Contract Price (1,862,611.00)  Companded Date for Substantial Completion (1,000)  Companded Date for Substantial Completion (1,000)  Companded Date for Substantial Completion (1,000)  Time Extension Days For Contract (1,000)  Time Extension Days For Contract (1,000)  Revised Contract Price (1,862,611.00)  Revised Contract Price (1,862,611.	PROJECT:	Southeast Su	rface Water Treatme	nt Fac	cility					
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Accepted By:    Title:   Shape   Submitted By:   Submitted By:   Submitted By:   Public Utilities Director   Public Utilities Director   Public Utilities Director   Date:   Council approval required if change order or total change orders exceed 19 percent of contract price or if individual change order)	equipment, fu	rnish all material	s, except as may othe	conside rwise b	eration to the chang	je proposed and	d hereby agree, if this propo	sal is approved, thank k above specified,	at we will p and will ac	rovide all cept as full
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Submitted By:  Ben Carlisle, Construction Manager  Authorized By:  Public Utilities Director  Approved By:  City Council approval required if change order or total change orders exceed 19 persont of contract price or if individual change order)  OWNER APPROVAL  Recommended By:  Randy Hoffman, Project Manager  Date:  7/3//6  Thomas 6 squeda  City Council approval required if change order or total change orders exceed 19 persont of contract price or if individual change order)	AND WE		1	A	Contractor.		SA V	P		
Submitted By:  Ben Carlisle, Construction Manager  Authorized By:  Public Utilities Water Division Manager  Approved By:  Public Utilities Director  Approved By:  City Council Minutes of Meeting Dated:  (Council approval required if change order or total change orders exceed 19 persont of contract price or if individual change order)	The state of the s	or does not sion	acceptance of this ord	ler his	attention is directed		ments of the specifications a	as to proceeding wi	th the orde	red work.
Submitted By:    Ben Carlisle, Construction Manager   Recommended By:   Ben Carlisle, Construction Manager   Randy Hoffman, Project Marrager     Authorized By		or dood not organ	10	01, 1710		11-32-11-32				
Authorized By  Approved By:  Public Utilities Water Division Manager  Public Utilities Director  Approved By:  City Council Minutes of Meeting Dated:  (Council approval required if change order or total change orders exceed 19 persont of contract price or if individual change order)	Submitted By:		agosh	Reco		Di	3	Date:	07/0	201 2016
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# DEPARTMENT OF PUBLIC UTILITIES WATER DIVISION



CONTRACT CHANGE ORDER NO.
Change Order Details

03

Change Order Request	Description	Amount	Time increase
VE# 001	Modify Site Permiter 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, backfull, 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** 



### **MEMORANDUM**

SUBJECT: VALUE ENGINEERING ITEM No. 001 SUMMARY

TO: Mike Carbajal

FROM: Randy Hoffman

**DATE**: 01 July 2016

**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.

Total Cost Savings: \$69,433.00

Contractor Cost to Develop: \$0

City Cost to Evaluate: \$0

**Net Cost Savings to Be Shared:** \$69,433

Contractor Share: \$34,716

**City Share:** \$34,717

**Total Time Savings:** 0 days

Time Added to Contract: 0 days



### **MEMORANDUM**

SUBJECT: VALUE ENGINEERING ITEM No. 002 SUMMARY

TO: Mike Carbajal

FROM: Randy Hoffman

**DATE**: 01 July 2016

**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 ½ of the slab depth. This VE Item deletes these saw cut joints and eliminates all joint sealant.

Total Cost Savings: \$124,248.00

Contractor Cost to Develop: \$0

City Cost to Evaluate: \$0

Net Cost Savings to Be Shared:\$124,248.00Contractor Share:\$62,124.00

**City Share:** \$62,124.00

Total Time Savings: 0 days
Time Added to Contract: 0 days



#### **MEMORANDUM**

SUBJECT: VALUE ENGINEERING ITEM No. 003 SUMMARY

TO: Mike Carbajal FROM: Randy Hoffman DATE: 01 July 2016

**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

Total Cost Savings: \$119,265.00

Contractor Cost to Develop: \$0
City Cost to Evaluate: \$0

 Net Cost Savings to Be Shared:
 \$119,265.00

 Contractor Share:
 \$59,632.00

 City Share:
 \$59,633.00

Total Time Savings: 0 days
Time Added to Contract: 0 days