



**DEPARTMENT OF PUBLIC UTILITIES  
PROGRAM MANAGEMENT AND ENGINEERING OFFICE**  
2101 G Street, Building A, Fresno, CA 93721



**CONTRACT CHANGE ORDER NO. 15**

CONTRACT AWARDED BY: Fresno City Council DATE OF AWARD: 11/20/2015  
 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 Contract Change Order No. 15 incorporates the following: adds conduit/conductor for OITs; adds 120v power supply for fire alarm bells; adds 2 swing gated at Substation; modifies CAOH chemical feed system; adds UPS for O3 valves; modifies polymer control scheme; modifies TW Reservoir inlet; adds bollards in chemical storage area; adds high-security locks to TW Reservoir hatches; adds splash guard to Filter-to-Waste OF Box; adds rotometers to turbidity analyzers; modifies position of chemical feed injectors; Modirs Administration Building sign wall; and provides additional errosion control to TW Reservoir OF channel.

**II. CONTRACT PRICE**

A. This Contract Change Order No.15 results in a net increase of \$197,819.00 to the Contract Price.

**III. CONTRACT TIME**

B. This Change Order No. 15 does not add any additional days.

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	\$ 4,140,985.00	Contract Notice to Proceed		12/31/2015
Cost of this Change Order	\$ 197,819.00 <i>See (Pg 2)</i>	Calendar Days to Substantial Completion	910	
<b>Total of all Contract Cost Change Orders including this Change Order</b>	<b>\$ 4,338,804.00</b>	Calendar Days to Final Completion	1,000	
		Computed Date for Substantial Completion		6/27/2018
Net percentage change in Contract Price from original Contract Price	2.73%	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 Inclement Weather Days To Date (Pg 3)	3	
		Suspended Work Days To Date	0	
		Revised Substantial Completion Date		6/30/2018
<b>Revised Contract Price</b>	<b>\$ 163,104,804.00</b>	Revised Final Completion Date		9/28/2018

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: 6/6/18 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] Date: 06/14/2018  
 Ben Carlisle, Construction Manager Randy Hoffman, Project Manager  
 Authorized By:  Interim Assistant Director [Signature] Date: \_\_\_\_\_  
 Michael Carbajal  
 Approved By:  Public Utilities Director \_\_\_\_\_ Date: \_\_\_\_\_  
 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.)



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**Southeast Surface Water Treatment Facility  
CONTRACT CHANGE ORDER NO. 15  
Change Order Details**

Items	Description <sup>1</sup>	Amount	Time
1	COR 043: This item adds conduit and conductor to supply 120VAC for OIT-Flash-R and Filt-R. (COP 128 -- RFI 421)	\$ 8,300.00	0
2	COP 044: This item adds 120v power supply to the fire alarm bells. The Fire Protection System approved by Fresno Fire Department requires electric bells at each riser. The bells requires 120V supply the bells in Ops, Ozone, Chemical and Maintenance buildings. (COP 131 -- RFI 427)	\$ 8,880.00	0
3	RFP 080: This item adds two (2) 12-foot swing gates across the access road on the West side of the power Substation to preclude traffic under the low-hanging power lines. (COP 126 -- DC 103)	\$ 11,032.00	0
4	RFP 081: This item modifies the CAO H chemical feed system to mitigate clogging by increasing size of pump feed pipine, adding flushing system, and removing some constraining fittings on the feed system skid. (COP 127 -- DC 058.3)	\$ 11,617.00	0
5	RFP 082: This items adds an ininterupted power supply (UPS) to close the two (2) ozone inlet valve actuators EDR-30.0101 and EDR-30.0102 in response to a total plant power loss as required by the City's Emergency Shutdown Protocol. (COP 130 -- DC 114)	\$ 76,291.00	0
6	RFP 083: This item modifies the control scheme for the polymer feed system (PEA) to allow feeding polymer to filter backwash water, clarifier sludge blowdown water, and to conform with the City's Emergency Shutdown Protocol. (COP 132 -- DC 115)	\$ 12,351.00	0
7	RFP 084: This item modifies the Reservoir Inlet Structure to ensure the Filter Effluent pipline remains full under low-flow conditions in order the keep sample pumps suction pumps flooded on the inlet side.(COP 133 -- DC 106)	\$ 2,013.00	0
8	RFP 085: This item adds additional bollards around the CO2 and LOX chemical storage tanks as required by the City's Chemical Supplier's safety protocol. (COP 134 -- DC 111)	\$ 9,338.00	0
9	RFP 086: This item adds high-security locking mechanisms to six (6) TW Reservoir access hatches. (COP 135 -- DC 108)	\$ 1,066.00	0
10	RFP 087: This item adds a splash guard and wire screen to the Filter to Waste Overflow Box opening. (COP 136 -- DC 116)	\$ 9,150.00	0
11	RFP 088: This item adds rotometers to the turbidity analyzers on eight (8) filters to allow operators to adjust flows to minimumize waster. (COP 138 -- DC 105)	\$ 4,108.00	0
12	RFP 089: This item modifies the relative positions of chemical feed injectors following flash mix to reduce potential fouling of other injectors by the CAO H injector. (COP 139 -- DC 113)	\$ 2,558.00	0
13	RFP 090: This item extends the feature wall in front of the Adminstration Building to mitigate a visual conflict between the wall-mounted architectural plant sign and a site light pole. (COP 140 -- DC 120)	\$ 11,077.00	0
14	WCD 18: This item adds additional erosion control (rip-rap) treatment to the TW Reservoir overflow channel (COP 137 -- FO 13.1)	\$ 30,038.00	0
		<b>\$ 197,819.00</b>	<b>0</b>

Note 1: Complete backup information is attached to this Contract Change Order.



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**Adverse Weather Delay Days**

**Agreed Adverse Weather Delay Days (AWD)**

Month	AWDs	Excess AWDs to be Applied to Contract Time
Jan-16	0	0
Feb-16	0	0
Mar-16	2	0
Apr-16	0	0
May-16	1	0
Jun-16	0	0
Jul-16	0	0
Aug-16	0	0
Sep-16	0	0
Oct-16	1	0
Nov-16	0	0
Dec-16	3	0
Jan-17	7	0
Feb-17	7	1
Mar-17	0	0
Apr-17	2	2
May-17	0	0
Jun-17	0	0
Jul-17	0	0
Aug-17	0	0
Sep-17	0	0
Oct-17	0	0
Nov-17	0	0
Dec-17	0	0
Jan-18	0	0
Feb-18	0	0
Mar-18	0	0
Apr-18	0	0
May-18	0	0
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 To Date**

**3**

\* The Contract requires an allowance of Adverse Weather Days in the amount of: 2016 -- 13 Days; 2017 -- 13 Days; and 2018 -- 9 Days. Agreed AWDs over these allowances are Excess AWDs.