

CONTRACT CHANGE ORDER NO. 14

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 Contract Change Order No. 14 incorporates the following modification: reimburse extra inspection; modifies Maint Bldg soffet; modifies Admin Bldg HVAC ducts; modifies access gate locks; adds fire service valve post-indicators; modifies Chem Bldg HVAC condensate piping; adds water stop at Filter Overflow Baffle; changes laboratory sample faucets; modifies virtual security network; modifies FO network; adds a turbidity analyzer to FW; adds pretreatment safe access signs; modifies retaining wall footing details; adds bollards in generator area; adds Pretreatment Basin access ladders; adds bird screens; modifies Filter level displays; add eyewash station; modifies Chemical Bldg storage tank vents; modifies CO2 piping; adds hose bibb in Chem Bldg; relocates site light pole to improve site security; and changes Admin Bldg wall colors.

II. CONTRACT PRICE

A. This Contract Change Order No.14 results in a net increase of \$278,726 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	\$ 3,862,259.00	Contract Notice to Proceed		12/31/2015
Cost of this Change Order	\$ 278,726.00 <i>See (Pg 2)</i>	Calendar Days to Substantial Completion	910	
Total of all Contract Cost Change Orders including this Change Order	\$ 4,140,985.00	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	
Net percentage change in Contract Price from original Contract Price	2.6%	Excess Adverse Weather Days To Date (Pg	3	
		Suspended Work Days To Date	0	
		Revised Substantial Completion Date		6/30/2018
Revised Contract Price	\$ 162,906,985.00	Revised Final Completion Date		9/28/2018

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: 4/13/18 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: 04/16/2018
 Ben Carlisle, Construction Manager Randy Hoffman, Project Manager

Authorized By: Public Utilities Water Division Manager 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.)

Change Order Details

Change Order Request	Description ¹	Amount	Time Increase
COR 035	This item provides a credit to the City for extra inspection services incurred due to multiple test failures of a cathodic protection ground bed well. (COP 102)	\$ (16,428.00)	0
COR 036	This item modifies the structural soffit design detail for the Maint Bldg covered storage area. Additional metal framing was required to meet architectural intent. (COP 104 -- RFI 378)	\$ 3,718.00	0
COR 037	This item modifies the HVAC ducting and associated supports to avoid conflict with adjacent wall partitions (fence). (COP 105 -- RFI 398)	\$ 525.00	0
COR 038	This item modifies the locking mechanism and hardware on the access gate to the Maintenance Bldg storage area to provide both keyed access and electronic keypad access. (COP 106 -- RFI 403)	\$ 1,197.00	0
COR 039	This item adds above-ground post indicators to the dedicated fire water line shut-off valves. This change is made at direction of the Fire Department to provide with a visual open/close status of critical valves. (COP 107 -- RFI 400)	\$ 18,513.00	0
COR 040	This item modifies the routing of the HVAC condensate drain piping in the Chemical Building to avoid potential for condensate liquid to enter any electrical equipment. (COP 111 -- RFI 397)	\$ 1,336.00	0
COR 041	This item adds a water stopping epoxy application to seal the joints of the Filter Overflow Baffle wall. This joint was installed per Contract Drawings without a waterstop, but subsequent consideration by the Design Engineer indicated a need for a waterstop. (COP 121 -- RFI 399)	\$ 2,358.00	0
RFP 065	This item replaces the specified (hold on -- release off) laboratory water sample faucet valves. with continuous flow (on -- off) faucet valves per the City request. (COP 103 -- DC 099)	\$ 2,499.00	0
RFP 067	This item modifies the virtual network and communications software configuration to provide a level of security consistent with City standards for data protection. (COP 108 -- DC 090)	\$ 17,364.00	0
RFP 068	This item adds a 12-count fiber optic cable from the SESWTF CM Office to the SESWTF Administration/Operations Building. The 12-count fiber optic cable will meet the plant's minimum requirements on an interim basis until the City completes installation of a 144-count fiber optic cable being done under a separate contract. (COP 109 -- DC 091)	\$ 3,213.00	0
RFP 069	This item adds a turbidity analyzer to monitor water quality on treated water just prior to it being pumped into the distribution system. This data requirement results from recent agreements with state regulators on water quality management. (COP 110 -- DC 092)	\$ 13,402.00	0
RFP 070	This item adds safety signs above submerged access hatches between pretreatment basins. (COP 112 -- DC 095)	\$ 3,261.00	0
RFP 071	This item provides retaining wall footing details that are not included in the Contract Drawings. (COP 114 -- DC 087)	\$ 4,074.00	0
RFP 072	This item adds bollards around the perimeter of the deisel fueled electric generators as directed by the Fire Department inspection. Bollards were not included in the Contract Drawings that were intially approved by the Fire Department. (COP 116 -- DC 082)	\$ 25,649.00	0
RFP 073	This item adds handrail gates and access ladders into the Pretreatment Basins for safe access during routine maintenance of the plate-settler mechanisms. (COP 117 -- DC 101)	\$ 13,374.00	0
RFP 074	This item adds screen mesh covers for various concrete channel openings to prohibit birds (barn swallows) from nesting and introducing potential contaminants to the water. (COP 118 -- DC 094)	\$ 114,091.00	0
RFP 075	This item modifies the filter water level ultrasonic transducers by adding remote displays on the operator deck. This modification provides safe worker access for routing calibration and reading. (COP 120 -- RFP 012)	\$ 14,086.00	0
RFP 076	This item added an additional eyewash was necessary to be installed to meet eyewash distance requirements to and from chemical tanks. (COP 122 -- DC 100)	\$ 15,782.00	0
RFP 077	This item modifies vent pipes on all Chemical Storage tanks to provide "goose neck" tops with insect screens in lieu of the straight pipe vents shown on the Contract Drawings. (COP 123 -- DC 098)	\$ 9,254.00	0
RFP 078	This item modifies the CO2 system piping to eliminate a cross connection between potable (UW1) water and non-potable utility water (UW2). (COP 124 -- DC 089)	\$ 20,849.00	0

Change Order Details

Change Order Request	Description¹	Amount	Time Increase
RFP 079	This item adds a hose Bib at the NE corner of Chemical Building as a necessary support to the adjacent eye-wash station. (COP 125 -- DC 104)	\$ 2,237.00	0
WDC 016	This item relocates a single site light pole near the south entrance to mitigate a potential "climb-point" for unauthorized site access. (COP 115 -- FO 016)	\$ 7,916.00	0
WCD 017	This item changes the accent wall color in the Administration/Operations Building conference room to more closely match the overall building color scheme. (COP 113 -- FO 017)	\$ 456.00	0
		\$ 278,728.00	0

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



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	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		
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		
Jan-18	0	0
Feb-18	0	0
Mar-18	0	0
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 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.