

CONTRACT CHANGE ORDER NO. 5

CONTRACT AWARDED BY: Fresno City Council DATE OF AWARD: 10/20/2016
PROJECT: **Phase 2 Regional Transmission Main - Segment A2**
P.O. NO: FRSNO-0000071439 PROJECT ID NO: WC00065-RTMA2 BID FILE NO: 3450
CONTRACTOR: **Floyd Johnston Construction Co. Inc., 2301 N. Herndon Clovis, CA 93611**

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. 5 includes costs associated with: 1) Protecting and supporting utilities discovered during SUE work after bid, 2) Additional exploratory work for unmarked AT&T ducts at Palm and H Street, 3) Widen trench excavation and RTM realignment to avoid AT&T duct at Palm and H Street, 4) Shift pit excavation to avoid AT&T duct on H Street, 5) Work beyond contract requirements associated with facilitating the connection of the RTM A1 and A2 pipelines, 6) Furnish and install tamper resistant hex key bolts, 7) Additional concrete sidewalk to achieve ADA compliance in front of Fresno City College, 8) Furnish and install three advanced detector loops westbound on McKinley Ave., east of Blackstone, 9) Credit to City for purchased materials not delivered by the Contractor, 10) RTM weld seam alignment (credit).

II. CONTRACT PRICE

- A. This Change Order No. 5 results in a net increase of \$245,853.46 to the contract price.

III. CONTRACT TIME

- B. This Change Order No. 5 does not add any additional days.

STATEMENT OF CONTRACT PRICE

Original Contract Price	\$	18,204,180.00
Approved Cost Change Orders to Date	\$	211,116.24
Cost of this Change Order	\$	245,853.46 See (Pg 2)
Total of all Contract Cost Change Orders including this Change Order	\$	456,969.70
Net percentage change in Contract Price from original Contract Price		2.51%
Revised Contract Price	\$	18,661,149.70

STATEMENT OF CONTRACT TIME

	Calendar Days	Contract Dates
Contract Notice to Proceed		11/8/2016
Calendar Days to Substantial Completion	475	
Calendar Days to Final Completion	500	
Computed Date for Substantial Completion		2/25/2018
Computed Date for Final Completion		3/22/2018
Time Extension Days For Contract		
Time Extension Days This CCO	32	
Total Time Extension Days Previous CCO's	0	
Total Time Extension Days To Date	32	
Excess Inclement Weather Days To Date (Pg 3)	0	
Suspended Work Days To Date	0	
Revised Substantial Completion Date		3/29/2018
Revised Final Completion Date		4/23/2018

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: 04/27/18 Contractor: Floyd Johnston Construction Co. Inc.

Accepted By: Fred Johnston Title: Secretary

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: Quentin Clark Recommended By: Martin Wendels Date: 4/30/2018
Quentin Clark, Construction Manager Martin Wendels, Project Manager
Authorized By: ☐ Interim Assistant Director Date: _____
Michael Carbajal
Approved By: ☐ Public Utilities Director Date: _____
Approved By: ☐ City Council Minutes of Meeting Dated: Not required

(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.)

Phase 2 Regional Transmission Main - Segment A2
CONTRACT CHANGE ORDER NO. 5
Change Order Details

Change Order Items	Description	Amount	Time increase
1	COR 02.1 - Costs associated with protecting and supporting utilities during construction that were not shown on the Contract Plans. See attached sheet for utility locations.	\$ 33,791.78	
2	WCD 019 - During excavation for the RTM at the intersection at Palm Ave. and H Street, the Contractor encountered previously installed AT&T ducts at station 60+75. The AT&T ducts were neither marked nor shown on the plans and located within the east side of the RTM excavation. In order to perform additional exploratory work, the Contractor had to widen their excavation and remove the slurry covering the AT&T ducts. The removal of the slurry required additional hauling and disposal. The Contractor's exploratory work determined that the top of the AT&T duct's concrete encasement was approximately 11' deep, with the bottom of the RTM approximately 14.5' deep.	\$ 38,561.42	
3	WCD 019.1 - After performing additional exploratory work to determine the extent of the conflict with the AT&T duct at station 60+75, the Contractor was directed to widen their excavation 6' and realign the RTM 6' to the west to avoid conflict with the AT&T duct. The realignment required the Contractor to perform additional excavating, provide additional slurry, perform additional backfill, and additional pavement restoration.	\$ 34,231.15	
4	WCD 021 - During excavation of the tunneling pit at station 58+36.84 on H street, the Contractor encountered previously installed AT&T ducts apparently limited to the southeast corner of the pit excavation. The ducts were unmarked and not shown on the plans. Exploratory work was performed by the Contractor to determine the extent of the conflict. The duct was found to be in conflict and the pit and the Contractor performed additional excavation in order to shift the pit three feet away from the AT&T ducts, the minimal amount needed to avoid modification to the tunnel alignment.	\$ 30,163.85	
5	WCD 023 - Due to coordination and sequencing events associated with facilitating the connection of the RTM A1 and A2 pipelines, additional work was required in order to commission the A1 and A2 RTM's. This work included relocation of a backflow preventer for water main dewatering, acidification of flushing discharge water, installation of sample ports, and additional disinfection, sampling and testing beyond bid contract requirements. Additional work required to perform connection to the City 12" grid main at First and Olive (Sta. 427+57); including the removal of steel plates, provide shoring, and perform backfill & surface restoration.	\$ 114,268.68	
6	WCD 024 - Furnish and install tamper resistant hex key bolts at each installed cathodic protection test station.	\$ 655.00	
7	WCD 025 - Due to the installation of a combination air valve assembly in the sidewalk located in front of Fresno City College (Sta. 234+64), additional concrete sidewalk was needed in order for the sidewalk to achieve ADA compliance. The Contractor rerouted existing sprinklers and provided sod restoration.	\$ 2,845.07	
8	WCD 026 - Furnish and install three advanced detector loops westbound on McKinley Ave, east of Blackstone.	\$ 469.20	
9	RFP 06.1 - Per Contract Change Order number 4, due to coordination with the High Speed Rail project, construction of the 24" RTM south of HWY 180, between G Street and H Street (Station 10+00 to 17+19), was not possible within the RTM segment A2 construct completion time. The City agreed to purchase all descoped materials that already had been purchased by the Contractor. Upon delivery of the materials already purchased by the City, not all materials paid for in Contract Change Order number 4 were delivered by the Contractor. The City is receiving a credit for all materials not delivered by the Contractor. See attached list for all materials being reimbursement.	\$ (3,382.69)	
10	RFP 007 - RTM pipes were improperly installed such that the welding seams from the manufacturer align at the joint between pipes 593 and 594 (Sta. 207+28.21). The Contractor proposes a credit back to the City.	\$ (5,750.00)	
		\$ 245,853.46	0

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

Adverse Weather Delay Days

Agreed Adverse Weather Days

Month	AWDs	Excess AWDs to be Applied to Contract Time
Nov-16	0	0
Dec-16	3	0
Jan-17	2	0
Feb-17	0	0
Mar-17	0	0
Apr-17	1	0
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
Total Excess AWDs		0

* The Contract requires an allowance of Adverse Weather Days in the amount of: 2016 -- 3 Days; 2017 -- 13 Days; and 2018 -- 7 Days