

CONTRACT CHANGE ORDER NO. 2

CONTRACT AWARDED BY: Fresno City Council DATE OF AWARD: 8/31/2017

PROJECT: Recycled Water Transmission Main Southwest Quadrant - SW1C2

P.O. NO: FRSNO-0000072837

PROJECT ID NO: TC00096

BID FILE NO: 3526

CONTRACTOR: Bill Nelson GEC, Inc.

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. 2 includes costs associated with: 1) Delays caused by FAA permits, 2) Removal of an existing, unknown concrete base pavement below asphalt, 3) Installation of advanced detector loops, 4) Unknown AT&T duct, 5) Damage to unmarked street light conduit, 6) Alignment changes due to utility conflicts on Hughes Ave., 7) Alignment changes due to utility conflicts on Whitesbridge Ave., 8) Installation of additional blow-off due to alignment changes, 9) Removal and replacement of 4" AC pavement, 10) Credit to the City for incomplete construction trailer, 11) Contract Bid Item Adjustments

II. CONTRACT PRICE

- A. This Change Order No. 2 results in a net decrease of \$196,635.27 to the contract price.

III. CONTRACT TIME

- A. This Change Order No. 2 adds 18 additional days.

STATEMENT OF CONTRACT PRICE

Original Contract Price	\$	7,682,290.00
Approved Cost Change Orders to Date	\$	37,781.15
Cost of this Change Order	\$	(196,635.27) See (Pg 3)
Total of all Contract Cost Change Orders including this Change Order	\$	(158,854.12)
Net percentage change in Contract Price from original Contract Price		-2.07%
Revised Contract Price	\$	7,523,435.88

STATEMENT OF CONTRACT TIME

	Calendar Days	Contract Dates
Contract Notice to Proceed		10/26/2017
Calendar Days to Substantial Completion	240	
Calendar Days to Final Completion	270	
Computed Date for Substantial Completion		6/22/2018
Computed Date for Final Completion		7/22/2018
Time Extension Days For Contract		
Time Extension Days This CCO	18	
Total Time Extension Days Previous CCO's	0	
Total Time Extension Days To Date	18	
Excess Inclement Weather Days To Date (Pg 4)	0	
Suspended Work Days To Date	0	
Revised Substantial Completion Date		7/10/2018
Revised Final Completion Date		8/9/2018

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: 03-11-19

Contractor: Bill Nelson GEC, Inc.

Accepted By: [Signature]

Title: RMO

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]
Brian Cregar, Resident Engineer

Recommended By: [Signature]
Patricia Diep, Project Manager

Date: 3/11/19

Authorized By: ☒ Supervising Professional Engineer
Public Utilities Manager

[Signature]
Dejan Pavic, PE

Date: 03/12/2019

Approved By: ☒ Public Utility Director

[Signature]
Michael Carbajal

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.)

Recycled Water Transmission Main Southwest Quadrant - SW1C2
CONTRACT CHANGE ORDER NO. 2
Change Order Details

Items	Description	Amount	Time
1	COR 001 - On January 17, 2018, the City was notified by the Federal Aviation Administration (FAA) that additional construction review and permitting was required to continue work along Whitesbridge Ave. at the end of the Chandler Airport runway. The City and Contractor immediately began the process to conform to FAA requirement. This additional review and permitting process delayed the Contractor from completing work in the area and caused additional cost for traffic control, trench protection, and FAA required construction restrictions.	\$ 44,403.84	14
2	COR 002 - A concrete base pavement was discovered below the top asphalt layer along the RWTM alignment on Whitesbridge Ave. near Thorne Ave. There was no evidence of the existing concrete base pavement in the bid documents and the concrete could not have reasonably been foreseen by the Contractor. Additional work to remove the concrete pavement was required, including saw cutting and hauling of the existing concrete.	\$ 37,762.48	1
3	COR 005 - Furnish and install eleven advanced detector loops at Whitesbridge and Roeding.	\$ 7,029.75	0
4	COR 006 - During excavation for the RWTM at the intersection of Whitesbridge and West Ave., the Contractor encountered an existing AT&T duct at Sta. 376+58. The AT&T duct was neither marked nor shown on the plans. In order to preserve the duct and provide the required one foot of separation between the duct and the 18" RWTM, two additional 45 degree bends were installed to realign the RWTM pipeline. Additional excavation and backfill was required in order to install the bends.	\$ 5,858.91	0
5	COR 007 - During excavation for the RWTM at Hughes Ave. and Dan Ronquillo Drive, the Contractor struck and damaged a street light conduit at Sta. 272+68. The conduit was unmarked and not shown on the plans. Additional work was required to repair the damaged conduit.	\$ 3,447.82	0
6	WCD 005.2 - Potholing data along Hughes Avenue revealed several utilities in conflict with the 24" RWTM alignment which were not shown on the plans. Revisions for sheets 5, 7, and 8 were issued as a result of the utility conflicts. Due to vertical alignment changes, the Contractor performed additional excavation and backfill.	\$ 23,433.92	1
7	WCD 005.3 - Potholing data along Whitesbridge Avenue revealed several utilities in conflict with the 24" RWTM alignment which were not shown on the plans. Revisions for sheets 10, 11, 12, and 13 were issued as a result of the utility conflicts. Due to vertical alignment changes, the Contractor performed additional excavation and backfill.	\$ 22,783.37	1
8	WCD 006 - Plan revisions for sheet 10 were issued on 02/12/2018 for WCD 5.3. Due to changes in the vertical alignment of the RWTM, the installation of an additional blow-off was required at Sta. 350+50.	\$ 9,500.00	0

9	WCD 007 - The existing road section on the west side of the trench restoration zone on Hughes, south of HWY 180 (Sta. 279+00 through 283+00) was of insufficient thickness to build the overlay top course for trench restoration. The Contractor performed extra work removing and replacing the existing overlay with 4" of new AC.	\$ 9,008.07	1
10	RFP 003 - Per the Contract, the Contractor was responsible for providing a construction trailer for the duration of the project. The trailer was provided, however, was not complete. Some of the items missing included electricity, working HVAC system, internet access, and parking area. The Contractor is providing a credit back to the City for the items not provided.	\$ (8,623.00)	0
11	<p>Contract Bid Item Adjustments:</p> <p>Bid Item No. 17 - 4 Inch Combination Air Valve Assembly - Due to a change in the pipeline alignment, one (1) 4" CAV was eliminated, resulting in a credit back to the City. Contract Decrease \$13,500</p> <p>Bid Item No. 23 - Insulating Joint Test Station - It was determined by the City that the insulating joint test station was not needed. The Contractor was paid for the materials already purchased and has delivered those materials to the City. The City is being credited for the work that was not performed. Contract Decrease \$3,240.43</p> <p>Bid Item No. 24 - Foreign Pipe Test Station - A total of four (4) foreign pipe test stations were eliminated from the project, resulting in a credit back to the City. Contract Decrease \$16,000</p> <p>Bid Item No. 25 - Potential Test Station - A total of three (3) potential test stations were eliminated from the project, resulting in a credit back to the City. Contract Decrease \$13,500</p> <p>Bid Item No. 40 - Contractor's Pollution Liability Insurance - The unused portion of the Contractor's pollution liability insurance is being credited back to the City. Contract Decrease \$5,000</p> <p>Bid Item No. 38 - Supplemental Work - This item was established for completion of authorized extra work in accordance with Section 3, "Changes in Work", of the Standard Specifications. All Contractor work is complete, and therefore, the quantity for this Bid Item is not needed and is removed from the Contract. Contract Decrease \$300,000</p>	(\$351,240.43)	0
		\$ (196,635.27)	18

Recycled Water Transmission Main Southwest Quadrant - SW1C2
Inclement Weather Delay Days

Agreed Inclement Weather Delay Days (IWD)

Month	IWDs	Excess IWDs to be Applied to Contract Time
Oct-17	0	0
Nov-17	0	0
Dec-17	0	0
Jan-18	0	0
Feb-18	2	0
Mar-18	0	0
Apr-18	0	0
May-18	0	0
Jun-18	0	0
Jul-18	0	0
Total Excess IWDs		0