

CONTRACT CHANGE ORDER NO. 1

CONTRACT AWARDED BY: Fresno City Council DATE OF AWARD: 2/16/2018

PROJECT: Phase 2 Regional Transmission Main - Segments B & C

P.O. NO: FRSNO-0000073385 PROJECT ID NO: WC00065 BID FILE NO: 3452

CONTRACTOR: Vido Artukovich & Son, Inc./VIDMAR, Inc. a JV

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. 1 includes costs associated with: 1) Video inspection of sewer laterals for possible conflict with RTM; 2) Onsite security for impacted residents on Chestnut Ave.; 3) Profile revisions due to RTM conflict with existing sewer laterals; 4) Contract time extension

II. CONTRACT PRICE

- A. This Change Order No. 1 results in a net increase of \$24,434.90 to the contract price.

III. CONTRACT TIME

- A. This Change Order No. 1 adds 56 additional non-compensable calendar days for delays in steel coil procurement. Time associated with extension request for SharePoint training and Caltrans permitting are concurrent delays to the critical path and no additional time is warranted.

STATEMENT OF CONTRACT PRICE

Original Contract Price	\$	11,490,484.00
Approved Cost Change Orders to Date	\$	-
Cost of this Change Order	\$	24,434.90 See (Pg 3)
Total of all Contract Cost Change Orders including this Change Order	\$	24,434.90
Net percentage change in Contract Price from original Contract Price		0.21%
Revised Contract Price	\$	11,514,918.90

STATEMENT OF CONTRACT TIME

	Calendar Days	Contract Dates
Contract Notice to Proceed		2/16/2018
Calendar Days to Substantial Completion	330	
Calendar Days to Final Completion	390	
Computed Date for Substantial Completion		1/11/2019
Computed Date for Final Completion		3/12/2019
Time Extension Days For Contract		
Time Extension Days This CCO	56	
Total Time Extension Days Previous CCO's	0	
Total Time Extension Days To Date	56	
Excess Inclement Weather Days To Date (Pg4)	0	
Suspended Work Days To Date	0	
Revised Substantial Completion Date		3/8/2019
Revised Final Completion Date		5/7/2019

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: 11-26-18 Contractor: Vido Artukovich & Son, Inc./VIDMAR, Inc. a JV

Accepted By: [Signature] Title: Project Manager

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: 11/27/2018
 Approved By: ☒ Supervising Professional Engineer [Signature] Date: 12/04/2018
 Approved By: ☒ Public Utilities Director [Signature] Date: 12/4/18
 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 - Segments B & C
CONTRACT CHANGE ORDER NO. 1
Change Order Details

Items	Description	Amount	Time
1	RFP 003 - During preconstruction subsurface utility investigation, the Contractor found additional sewers not shown on the Contract Plans. Video inspection was determined to be necessary in order to establish whether conflict existed between the sewers and the RTM.	\$ 9,134.67	0
2	WCD 006 - Per the approved traffic control plan, installation of the RTM pipeline on Chestnut Ave., between Sta. 745+00 through 752+50, required the Southbound lanes of Chestnut Ave. to be closed to through traffic between Clinton Ave. and Cambridge Ave. The residents at 2221, 2241, and 2291 Chestnut Ave. did not have access to their driveways during the closure. Reserved parking was provided for the impacted residents, on Chestnut Ave. between Cambridge Ave. and Weldon Ave. Onsite security for the reserved parking was provided between the hours of 6 pm to 6 am for the six day duration of the closure. The onsite security was required by City Traffic Engineering during traffic control plan review for closure of the roadway and the onsite security was not required by Contract Plans nor Specifications.	\$ 2,698.92	0
3	WCD 002 - Prior to construction, the Contractor potholed to locate possible conflicts with existing utilities and the RTM pipeline. Existing sewer laterals were found to be in conflict with the alignment of the RTM pipeline on Chestnut Ave., between McKinley and Clinton. In order to avoid the conflicts, profile revisions were issued for sheets 17 and 19 of the Contract Plans, requiring the Contractor to install the RTM pipeline 8" deeper between Sta. 747+00 through Sta. 752+30. The realignment required the Contractor to perform additional excavation and backfill work.	\$ 12,601.31	
4	COR 004 - Contract Time Extension In their letter dated March 27, 2018 (transmittal No. 003), the Contractor claims they lost sixty-two (62) calendar days due to events that were beyond their control. These delays consist of, SharePoint training (12 days), inclement weather (10 days), and Caltrans permit delays (40 days). In their letter dated May 30, 2018 (transmittal No. 025), the Contractor claims they lost fifty-six (56) calendar days due to an inability to obtain materials, in particular steel coil, because of government regulations regarding steel imports. The Contractor stated this delay was beyond their control.	\$ -	56 CD

A time extension of fifty-six (56) days for steel coil procurement delay will be modified by this Change Order. However, no additional time will be added the Contract for SharePoint training and Caltrans permit issuance delays. These delays were concurrent with the steel coil procurement delays and other delays within the Contractor's control, and therefore, no additional time is warranted. However, due to inclement weather, the Contractor is entitled to eight (8) adverse weather days which will be subtracted from the eight (8) adverse weather day allowance for 2018 per section 01_32_16-2 of the Contract.

The revised Contract dates for the fifty-six (56) calendar day non-compensable time extension will be March 8, 2019 for Substantial Completion and May 7, 2019 for Final Completion.

As required by Contract, the Contractor will submit all future time extension requests based on time impact analysis, which utilize the latest approved schedule when the impact starts or is encountered.

\$	24,434.90	0
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Phase 2 Regional Transmission Main - Segments B & C
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	0	0
Mar-18	8	0
Apr-18	0	0
May-18	0	0
Jun-18	0	0
Jul-18	0	0
Aug-18	0	0
Sep-18	0	0
Oct-18	0	0
Nov-18	0	0
Total Excess IWDs		0



DEPARTMENT OF PUBLIC UTILITIES
PROGRAM MANAGEMENT AND ENGINEERING OFFICE

2101 G Street, Building A, Fresno, CA 93721



CONTRACT CHANGE ORDER NO. 2

CONTRACT AWARDED BY: Fresno City Council DATE OF AWARD: 2/16/2018
PROJECT: Phase 2 Regional Transmission Main - Segments B & C
P.O. NO: FRSNO-0000073385 PROJECT ID NO: WC00065 BID FILE NO: 3452
CONTRACTOR: Vido Artukovich & Son, Inc./VIDMAR, Inc. a JV

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) Additional traffic control phasing on Chestnut Avenue at Cambridge, 2) Additional traffic control phasing on Chestnut Avenue at Floradora, 3) Additional traffic control phasing on Chestnut Avenue at Leisure, 4) Restricted working hours within the County of Fresno on Kings Canyon Road, 5) Required trench plating within the County of Fresno on Chestnut Avenue, 6) Additional work to remove existing concrete base pavement on Kings Canyon Avenue, 7) Installation of additional CAV on Chestnut Avenue Sta. 854+60, 8) Connection of 24" RTM to 30" City main at Winery Avenue pump station Sta. 880+58

II. **CONTRACT PRICE**

- A. This Change Order No. 2 results in a net increase of \$190,319.63 to the contract price.

III. **CONTRACT TIME**

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

STATEMENT OF CONTRACT PRICE

Original Contract Price	\$	11,490,484.00
Approved Cost Change Orders to Date	\$	24,434.90
Cost of this Change Order	\$	190,319.63 See (Pg 4)
Total of all Contract Cost Change Orders including this Change Order	\$	214,754.53
Net percentage change in Contract Price from original Contract Price		1.87%
Revised Contract Price	\$	11,705,238.53

STATEMENT OF CONTRACT TIME

	Calendar Days	Contract Dates
Contract Notice to Proceed		2/16/2018
Calendar Days to Substantial Completion	330	
Calendar Days to Final Completion	390	
Computed Date for Substantial Completion		1/11/2019
Computed Date for Final Completion		3/12/2019
Time Extension Days For Contract		
Time Extension Days This CCO	18	
Total Time Extension Days Previous CCO's	56	
Total Time Extension Days To Date	74	
Excess Inclement Weather Days To Date (Pg5)	3	
Suspended Work Days To Date	0	
Revised Substantial Completion Date		3/29/2019
Revised Final Completion Date		5/28/2019

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: 5-24-19 Contractor: Vido Artukovich & Son, Inc./VIDMAR, Inc. a JV

Accepted By: [Signature] Title: Project Manager

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: 5/28/2019
 Quentin Clark, Construction Manager Martin Wendels, Project Manager
 Approved By: ☒ Public Utilities Manager Date: 05/29/2019
 Approved By: ☒ Public Utilities Director Date: 6/11/19
 Approved By: ☐ City Council Minutes of Meeting Dated: Not required
 Dejan Pavic, PE
 Michael Garbajal

(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 - Segments B & C
CONTRACT CHANGE ORDER NO. 2
Change Order Details

Items	Description	Amount	Time
1	COR 02.1 – The traffic control plans included in the bid plans allowed for the installation of the RTM on Chestnut from Weldon Ave. to Clinton Ave. under a single phase of traffic control. In an effort to minimize the RTM construction's footprint and avoid restricting residential access on Chestnut Ave., City Traffic required that the traffic control be broken into two separate phases. Phase one was from Weldon Ave. to Cambridge Ave. and phase two was from Cambridge Ave. to Clinton Ave. The Contractor was not allowed to implement phase two of the traffic control until the first phase traffic control was removed and paving was completed within the work zone. Because of this contingency, the Contractor had to suspend their pipe laying operation on Chestnut Ave. while pavement restoration was being performed. Costs for this additional phase of traffic control include: Extra labor, additional traffic control, and equipment standby time.	\$ 11,607.16	3
2	COR 02.2 – The traffic control plans included in the bid plans allowed for the installation of the RTM on Chestnut from Olive Ave. to McKinley Ave. under a single phase of traffic control. In an effort to minimize the RTM construction's footprint and avoid restricting access to businesses on Chestnut Ave., City Traffic required that the traffic control be broken into four separate phases between Olive Ave. and McKinley Ave. COR 02.2 includes phases one and two of the required four phases. Phase one was from Olive Ave. to Floradora Ave. and phase two was from Floradora Ave. to Leisure Ave. The Contractor was not allowed to implement phase two of the traffic control until the first phase traffic control was removed and paving was completed within the work zone. Because of this contingency, the Contractor had to suspend their pipe laying operation on Chestnut Ave. while pavement restoration was being performed. Phase one of the traffic control is included in the Contractor's bid. Costs for implementing phase two of traffic control include: Extra labor, additional traffic control, and equipment standby time.	\$ 11,275.85	3
3	COR 02.3 – In an effort to minimize the RTM construction's footprint and avoid restricting access to businesses on Chestnut Ave., City Traffic required that the traffic control be broken into four separate phases between Olive Ave. and McKinley Ave. COR 02.3 includes phases three and four of the required four phases. Phase three was from Leisure Ave. to Sta. 722+00 and phase four was from Sta. 722+00 to McKinley Ave. The Contractor was not allowed to implement phase four of the traffic control until the third phase traffic control was removed and paving was completed within the work zone. Because of this contingency, the Contractor had to suspend their pipe laying operation on Chestnut Ave. while pavement restoration was being performed. Costs for phases three and four of traffic control include: Extra labor, additional traffic control, and equipment standby time.	\$ 14,369.36	3

4	COR 08 - Installation of the RTM on Kings Canyon Rd. from Temperance Ave. to Apricot Ave., was within the County of Fresno. During traffic control plan review, the County restricted the working hours from 9:00am and 4:00pm. Contract Specifications state that normal work hours are eight (8) hours per day (Spec. Section 01_32_16_H.14). Therefore, the Contractor lost 1.5 hours of work each day while working on Kings Canyon. Costs for this change in working hours include: Additional labor, rental of traffic control devices, and equipment rental.	\$ 39,365.30	3
5	COR 010 - Installation of the RTM on Kings Canyon Rd. from Temperance Ave. to Apricot Ave., was within the County of Fresno. County Traffic required that the Contractor place steel plates over unpaved trench between Clinton Ave. to Shields Ave. instead of erecting temporary fencing (as allowed by the Contract). Additional work was performed by the Contractor placing steel plates at the end of each work day and removal of the steel plates at the beginning of each work day. Costs for this change include: Additional labor and steel plate rentals.	\$ 11,878.78	2
6	WCD 07 - While excavating for the RTM on Kings Canyon Road, an existing concrete base pavement was discovered below the top layer of asphalt. The concrete pavement could not have reasonably been foreseen or predicted by the Contractor, as no evidence of the concrete was present in the bidding documents nor geotechnical reports.. The Contractor performed additional work saw cutting and removing the existing concrete pavement. Costs also include additional traffic control and labor.	\$ 37,537.21	4
7	WCD 014 - During excavation for the RTM at the Chestnut and Dakota intersection, the Contractor uncovered a 6" electrical duct at Sta. 854+60. The 6" electrical duct was 3.5 FT lower than what was shown on the plans, resulting in a conflict between the electrical duct and the RTM. To avoid the conflict, the Contractor lowered pipe Mk. 277 approximately 18". This change in elevation created a high point in the RTM at joint MK. 276/277. In order to prevent air from becoming trapped at this high point, the Contractor performed additional work installing a 4" CAV near the spigot of pipe Mk. 276. Costs associated with the installation of the additional CAV include additional: Excavation and backfill, traffic control, labor, and materials. *This change reflects monetary compensation for the additional work performed by the Contractor. Time extension days for this change will be determined at a later date.	\$ 36,375.22	0

8	<p>WCD 016 - Bid plans showed that City forces were to perform the terminal 10 LF connection of the 24" RTM to the 30" City water main at the pump station at Winery and Chestnut (Sta. 880+48 to 880+58) by hot-tap methods. However, the City was unable to self-perform the work as shown in the bid plans and asked the Contractor to perform the connection. Since the 30" City water main can be shut-down, the Contractor was able to cut-in using full body ductile iron fittings. Work performing excavation, shoring, backfill and restoration of the trench is included in the Original Bid Price.</p> <p>*This change reflects monetary compensation for the additional work performed by the Contractor. Time extension days for this change will be determined at a later date.</p>	\$ 27,910.75	0
		\$ 190,319.63	18

Phase 2 Regional Transmission Main - Segments B & C
Inclement Weather Delay Days

Agreed Inclement Weather Delay Days (IWD)

Month	IWDs	Excess IWDs to be Applied to Contract Time
Feb-18	0	0
Mar-18	8	0
Apr-18	0	0
May-18	0	0
Jun-18	0	0
Jul-18	0	0
Aug-18	0	0
Sep-18	0	0
Oct-18	0	0
Nov-18	2	2
Dec-18	1	1
Jan-19	5	0
Feb-19	3	0
Mar-19	1	0
Apr-19	0	0
May-19	0	0
Total Excess IWDs		3