



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



CONTRACT CHANGE ORDER NO. 7

|                      |   |                |           |
|----------------------|---|----------------|-----------|
| CONTRACT AWARDED BY: | Fresno City Council   | DATE OF AWARD: | 5/12/2016 |
| PROJECT:             | Kings River Pipeline  | PROJECT ID NO: | WC000057  |
| P.O. NO:             | FRSNO-0000070741  | BID FILE NO:   | 3433      |
| CONTRACTOR:          | Garney Construction, 3049 Independance Drive Suite E, Livermore, CA 94551 |                |           |

*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. 7 includes costs associated with: 1) WCD 19 Air Vent Locations 2) WCD 20 Vent Valve Box 3) WCD 23 Safety Railings at Intake 4) WCD 27 Slope Modification 5) WCD 28 Air Vent Station 662+00 Additional Work 6) WCD 30 Replacement of Pipe Marker Signs 7) WCD 31 Addition of Flush Coat to KRP Seal Coat Process 8) COR 32 Additional Items for Traveling Screen Conveyor 9) COR 35 Flume Road Driveway 10) Bid Item No. 18 Supplemental Work

**II. CONTRACT PRICE**

A. The "Approved Cost Change Orders to Date" includes the amount of \$261,391.88 for Contract Change Order No. 6 that will be presented consecutively with this Contract Change Order No. 7.

B. Contract Change Order No. 7 results in a net decrease of \$253,472.36 to the contract value.

**III. CONTRACT TIME**

A. The "Total time extension days previous CCO's" includes the eighty days for Contract Change Order No. 6.

B. This Contract Change Order No. 7 adds twenty six days to the contract time.

| STATEMENT OF CONTRACT PRICE  |                            | STATEMENT OF CONTRACT TIME                 |                              |
|--|----------------------------|--|------------------------------|
| Original Contract Price  | \$ 45,583,750.00           |  | Calendar Days Contract Dates |
| Approved Cost Change Orders to Date                                  | \$ 959,025.84              | Contract Notice to Proceed                 | 6/27/2016                    |
| Cost of this Change Order  | \$ (253,472.36) See (Pg 3) | Calendar Days to Substantial Completion    | 515                          |
| Total of all Contract Cost Change Orders including this Change Order | \$ 705,553.48              | Calendar Days to Final Completion          | 575                          |
|  |                            | Computed Date for Substantial Completion   | 11/23/2017                   |
|  |                            | Computed Date for Final Completion         | 1/22/2018                    |
|  |                            | Time Extension Days For Contract           |                              |
|  |                            | Time extension days this CCO               | 26                           |
|  |                            | Total time extension days previous CCO's   | 174                          |
|  |                            | Total Time Extension Days To Date          | 200                          |
|  |                            | Excess Adverse Weather Days To Date (Pg 4) | 4                            |
|  |                            | Suspended Work Days To Date                | 0                            |
|  |                            | Revised Substantial Completion Date        | 6/15/2018                    |
|  |                            | Revised Final Completion Date              | 8/14/2018                    |

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:

9/14/18

Contractor: Garney Construction

Accepted By:

Title: Assistant 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.

Submitted By:

Gentry Karr, Construction Manager

Recommended By:

Martin Wendels, Project Manager

Date: 9/18/2018

Approved By:

Public Utilities Director

Date:

Approved By:

City Council

Minutes of Meeting Dated:

Date:

(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.)

**Kings River Pipeline**  
**CONTRACT CHANGE ORDER NO. 7**  
**Change Order Details**

| Items | Description   | Amount       | Time |
|-------|---|--------------|------|
| 1     | WCD 019: This change was a result of an incorrect contract drawing detail. Contractor constructed atmospheric air vents as per contract drawing and discovered after installation that the drawing gave an incorrect vent height. Changes were required to increase the height of the atmospheric air vents to allow them to work correctly.  | \$ 38,977.71 | 3    |
| 2     | WCD 020: Change was required due to lack of sufficient backfill to cover atmospheric vent shutoff valve. A check of the project drawings showed the Contractor installed as per plans; however, there was not sufficient existing cover to install shutoff valve below grade. The shutoff valve stem as installed was above grade and created a traffic hazard in the County right-of-way. Contractor was not able to reposition valve as there was insufficient cover along the vent alignment. Apparently, additional shoulder grading by the County was not taken into consideration by the design engineer resulting in insufficient backfill cover for the atmospheric vent at this location. Contractor was directed to rotate the valve 90 degrees to change the position of the valve stem from vertical to horizontal so as to allow for sufficient cover to eliminate the traffic hazard. The rotation of the valve required the purchase and installation on a much larger traffic rated valve box to allow access to the valve. | \$ 15,559.13 | 15   |
| 3     | WCD 023: During installation of the traveling screen at the Diversion Site, the on-site manufacture representative repositioned the traveling screen further to the south. This repositioning had not been anticipated in the initial design. The repositioning of the traveling screen resulted in an open area between the screen and the canal which had not been anticipated during design. This open area presented a safety hazard due to the possibility of someone falling into the area between the canal and the traveling screen. To meet Cal OSHA requirements the Contractor was directed to procure and install safety railing.   | \$ 3,728.46  | 0    |
| 4     | WCD 027: Per County directions the City directed the Contractor to make slope modification to the north side of Trimmer Springs Road between Stations 639+20 and 654+50. The work had been previously accepted by the County, however, a complaint by a stake holder in the area resulted in direction by the County to the City to reduce steepness the side slope on the north side of Trimmer Springs Road. This modification required placement and compaction of additional material, removal and repositioning of two over the curb drains, and the re-hydro seeding on the slope.  | \$ 72,964.81 | 8    |
| 5     | WCD 028: Contractor had installed atmospheric air vent as per plans. Due to safety considerations the City directed the Contractor to relocate the two previously installed bollards away from the edge of pavement, add an additional bollard to the east of the air vent, and add 35 feet of Type A AC in front of the vent.  | \$ 3,378.34  | 0    |
| 6     | WCD 030: Contractor ordered pipe marker signs as per the detail shown in project drawings. Offset direction arrow shown on project drawing detail was incorrect. Drawing detail did not have note indicating detail was typical and the offset arrow should point in the direction of offset. Contractor was directed by City to order new signs with correct offset directional arrows as approved by the City, to remove existing, and install new signs. WCD includes costs of signs, removal of previously installed incorrect sign, and installation of new pipe marker signs.   | \$ 9,185.63  | 0    |

|    |   |                 |   |
|----|---|-----------------|---|
| 7  | WCD 031: The County of Fresno revised the County seal coat standard specification after the bidding process for the KRP project. The revised County seal coat specification was adopted from the Caltrans standard which requires the application of a flush coat after the application of the chip seal (seal coat). The flush coat (sand and emulsion) covers the chip seal coat and reduces the risk of damage to vehicles and cyclists by the chips (loose gravel). The flush coat application was not included in the original contract bid and was considered extra work by the Contractor. The City, in cooperation with the County, agreed to add the flush coat to the chip seal coat process and to cover the additional costs.   | \$ 69,786.36    | 0 |
| 8  | COR 032: This change order was originally requested to correct safety deficiencies with the conveyor installed with the traveling screen at the KRP intake. Two safety deficiencies were identified after installation of the conveyor which had not been addressed in the specifications, project drawings, or identified as missing during submittal review. These items were necessary to bring the conveyor into Cal OSHA compliance. During further review and with the onset of summer, two items were identified as necessary to insure proper conveyor operation. Due to the relative low cost of these changes the original COR was modified to include the other items instead of processing a second COR or WCD. The following are items included in the COR: The addition of safety screens (guards) to protect from entanglement in the exposed lower portion of the conveyor belt; and drive gears and an additional emergency stop on the south side of the conveyor. These items bring the conveyor into compliance with Cal OSHA. The non-safety items include splash guards on either side of the conveyor under the wash bar on the traveling screen. The splash guards prevent the wash water from washing the plant material from the conveyor belt and back into the intake behind the traveling screen. The second non-safety item was the addition of a wash bar beneath the conveyor at the end of the conveyor (dump point). It was found during the summer that the conveyor belt dries out before reaching the dump point. The drying of the conveyor belt causes the plant material to stick to the conveyor belt and not fall off at the dump point. The plant material stayed on the conveyor until the belt passed under the wash water from the traveling screen. The wash water would free the plant material from the conveyor causing the plant material to fall into the intake behind the traveling screen. The second wash bar installed at the dump point washed the plant material from the conveyor belt at the dump point. If this had not been added then the plant material being deposited behind the traveling screen would eventually reach the SE Surface Water Treatment Facility. The plant material will now be removed properly and will be picked up and disposed of by the City. | \$ 12,001.63    | 0 |
| 9  | COR 035: Pavement replacement on east end of Flume Road at the intersection with Trimmer Springs Road. Pavement replacement was necessary due to the pavement damage resulting from the use of Flume Road as a detour during the KRP pipeline installation on Trimmer Sprigs Road. The area replaced was approximately 100 feet by 24 feet, the damage to the pavement was not specifically caused by the Contractor but was the result of the normal traffic which was diverted on to Flume Road during construction. The City had expected additional wear and tear to Flume Road due to its use as a detour. The City had an agreement with the County that any damage to Flume Road would be addressed by the City.   | \$ 20,945.57    | 0 |
| 10 | RFP 014: Bid Item No. 18 Supplemental Work: This item was established for completion of authorized extra work in accordance with Section 3, "Changes in Work", of the Standard Specifications. Substantial Completion for the project has been recorded as 6/15/2018, total quantities installed and payment amounts have been confirmed, and necessary project work has been completed. Therefore, this Bid Item is being deleted from the Contract.   | \$ (500,000.00) |   |

\$ (253,472.36)

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Kings River Pipeline  
Adverse Weather Delay Days

Agreed Adverse Weather Days (AWD)

| Month                    | AWDs | Excess AWDs to be Applied to Contract Time |
|--------------------------|------|--|
| Jun-16 to Sep-16         | 0    | 0  |
| Oct-16                   | 1    | 0  |
| Nov-16                   | 2    | 0  |
| Dec-16                   | 4    | 3  |
| Jan-17                   | 8    | 0  |
| Feb-17                   | 6    | 1  |
| Mar-17 to Dec-17         | 0    | 0  |
| Jan-17 to Dec-17         | 0    | 0  |
| Jan-18 to Jun-18         | 0    | 0  |
| <b>Total Excess AWDs</b> |      | <b>4</b>                                   |