



DEPARTMENT OF PUBLIC UTILITIES  
WATER DIVISION

1910 East University Avenue, Fresno, California, 93721



CONTRACT CHANGE ORDER NO. 1

CONTRACT AWARDED BY: Fresno City Council DATE OF AWARD: May 12th 2016  
PROJECT: Kings River Pipeline  
P.O. NO: FRSNO-000007  
0741 PROJECT ID NO: WC000057 BID FILE NO: 3433  
CONTRACTOR: Garney Pacific 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. 1 adds an additional 60 calendar days to the contract time due to conflicting nature of how the contract documents specify "Substantial Completion" vs "Final Completion."
- II. **CONTRACT PRICE**
  - A. No cost impacts.
- III. **CONTRACT TIME**
  - B. Contract Change Order No.1 results in a net time increase of 60 calendar days to the original 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	\$ -	Contract Notice to Proceed		6/27/2016
Cost of this Change Order	See (Pg 2)	Calendar Days to Substantial Completion	515	
<b>Total of all Contract Cost Change Orders including this Change Order</b>	\$ -	Calendar Days to Final Completion	575	
		Computed Date for Substantial Completion		11/23/2017
Net percentage change in Contract Price from original Contract Price	0.0%	Computed Date for Final Completion		1/22/2018
		Time Extension Days For Contract		
<b>Revised Contract Price</b>	<b>\$ 45,583,750.00</b>	Time extension days this CCO	60	
		Total time extension days previous CCO's	0	
		Total Time Extension Days To Date	60	
		Excess Adverse Weather Days To Date (Pg	0	
		Suspended Work Days To Date	0	
		<b>Revised Substantial Completion Date</b>		<b>1/22/2018</b>
		<b>Revised Final Completion Date</b>		<b>3/23/2018</b>

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: \_\_\_\_\_ Contractor: Garney Pacific Inc.

Accepted By: \_\_\_\_\_ Title: \_\_\_\_\_

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: Gentry Karr Recommended By: Randy Hoffman Date: 02/17/2017  
Gentry Karr, Construction Manager Randy Hoffman, Project Manager

Authorized By:  Public Utilities Water Division Manager Date: 2/22/17  
Michael Carbajal Michael Carbajal

Approved By:  Public Utilities Director Date: 2/22/17  
Thomas Esqueda Thomas Esqueda

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.)



**DEPARTMENT OF PUBLIC UTILITIES  
WATER DIVISION**



**CONTRACT CHANGE ORDER NO. 1**  
Change Order Details

Change Order Request	Description	Amount	Time increase
1	<p>The Contractor's BID PROPOSAL FORM in the Bidding and Contract Documents of the Kings River Pipeline Project Contract Documents states in Section 1.5 "The Contractor shall diligently prosecute the work to completion for all bid items before the expiration of 575 calendar days from the date of the Notice to Proceed (NTP)."</p> <p>Based on review of the Contractor's work plan and schedule, the City concurs that additional time beyond that allowed in the original contract is needed by the Contractor to complete the work. Therefore, the City agrees to add 60 calendar days to the contract time, resulting in a Substantial Completion date of January 22, 2018 and a Final Completion date of March 23, 2018.</p> <p>As described in Division 2, in the "COMPLETION" section, completion includes Substantial Completion and Final Completion. Thus, the contract term, originally 575 days and herein modified to be 635 days, is through Final Completion of the work.</p> <p>As described in Division 2, in the "FINAL APPLICATION FOR PAYMENT AND FINAL PAYMENT" section, the Contractor must complete punch list work and corrective items (as identified in the Punch List provided to the Contractor upon Substantial Completion) prior to expiration of 60 calendar days immediately following issuance of a Certificate of Substantial Completion. Thus, Substantial Completion is required to be achieved 60 days prior to Final Completion.</p> <p>As described in Division 2, in the "EXTENSION OF TIME- LIQUIDATED DAMAGES" section, for the purpose of considering and assessing liquidated damages, and only for this purpose, "Work shall be considered complete in accordance with the provisions of the foregoing section entitled "COMPLETION" and issuance of a Certificate of Completion". Thus, liquidated damaged will be assessed for each and every day that work required to be completed prior to Substantial Completion remains unfinished past the time for Substantial Completion, originally 515 calendar days and herein modified to be 575 calendar days.</p>		60
		\$ -	60



DEPARTMENT OF PUBLIC UTILITIES  
WATER DIVISION  
Adverse Weather Delay Days



Agreed Adverse Weather Days

Month	AWDs	Excess AWDs to be Applied to Contract Time
Jun-16	0	0
Jul-16	0	0
Aug-16	0	0
Sep-16	0	0
Oct-16	0	0
Nov-16	0	0
Dec-16	0	0
Jan-17	0	0
<b>Total Excess AWDs</b>		<b>0</b>



DEPARTMENT OF PUBLIC UTILITIES
WATER DIVISION

1910 East University Avenue, Fresno, California, 93721



CONTRACT CHANGE ORDER NO. 2

CONTRACT AWARDED BY: Fresno City Council DATE OF AWARD: May 12th 2016
PROJECT: Kings River Pipeline
P.O. NO: FRSNO-000007-0741 PROJECT ID NO: WC000057 BID FILE NO: 3433
CONTRACTOR: Garney Pacific 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 implements CMS boards, expedites work associated with the intake, preservation of survey monuments, receives credit for tracer wire, and adds additional improvements to staging area.

II. CONTRACT PRICE

A. Contract Change Order No.2 results in a net increase of \$54,830 to the contract price.

III. CONTRACT TIME

B. No time impacts

Table with 2 main columns: STATEMENT OF CONTRACT PRICE and STATEMENT OF CONTRACT TIME. Includes rows for Original Contract Price, Approved Cost Change Orders, Total of all Contract Cost Change Orders, Net percentage change in Contract Price, and various completion dates.

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: 4/20/17 Contractor: Garney Pacific Inc.
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: Gentry Karr, Construction Manager Recommended By: Randy Hoffman, Project Manager Date: 04/20/2017
Authorized By: [Signature] Public Utilities Water Division Manager Date: 5/2/17
Approved By: [Signature] Public Utilities Director Date: 5/3/17
Approved By: [Signature] City Council Minutes of Meeting Dated: Council Approval N.A.

(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.)



DEPARTMENT OF PUBLIC UTILITIES  
WATER DIVISION



CONTRACT CHANGE ORDER NO. 2  
Change Order Details

Change Order Request	Description	Amount	Time increase
2	<b>COR 002: Monthly CMS Board</b> Change was initiated by the City to pay for additional signage for the Belmont Nursery as well as the Belmont Country Club.	\$ 3,950	0
2	<b>COR 003: Diversion Site Premium Costs</b> This change was initiated by the City to pay for the uplift labor cost to work on three Saturdays to ensure the Diversion Structure was completed ahead of schedule to support FID need to release water.	\$ 8,353	0
2	<b>RFP 002: Survey Monument Preservation</b> State of California law requires pre construction survey monument location data to be filed with the Fresno County Surveyor. This was not included as a contractor responsibility in the contract documents, so the contractor was requested to provide a proposal to add the work. The contractor provided proposals two different survey sources, and the City decided that the lower cost survey firm would provide the required survey support.	\$ 47,745	0
2	<b>RFP 003: Tracer Wire Credit</b> This change responds to Design Engineer's recommendation that tracer wire is no longer needed for this project.	\$ (17,958)	0
2	<b>WCD 002: Staging Area Improvements</b> This change adds vehicular rumble bars and gravel surfacing at the construction staging area common entrance from Olive Ave. This entrance is shared with three Recharge Fresno Program contractors and the common area surfacing was not included in any individual contract.	\$ 12,740	0
		<b>\$ 54,830</b>	<b>0</b>



DEPARTMENT OF PUBLIC UTILITIES  
WATER DIVISION  
Adverse Weather Delay Days



Agreed Adverse Weather Days

Month	AWDs	Excess AWDs to be Applied to Contract Time
Jun-16	0	0
Jul-16	0	0
Aug-16	0	0
Sep-16	0	0
Oct-16	0	0
Nov-16	0	0
Dec-16	0	0
Jan-17	0	0
Feb-17	0	0
Mar-17	0	0
Apr-17	0	0
Total Excess AWDs		0



DEPARTMENT OF PUBLIC UTILITIES  
WATER DIVISION

1910 East University Avenue, Fresno, California, 93721



CONTRACT CHANGE ORDER NO. 3

CONTRACT AWARDED BY: Fresno City Council      DATE OF AWARD: May 12th 2016  
 PROJECT: Kings River Pipeline  
 P.O. NO: FRSNO-0000070741  
 PROJECT ID NO: WC000057      BID FILE NO: 3433  
 CONTRACTOR: Garney Pacific 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. 3 implements paleontological and cultural monitoring, base rock under 7,700 linear feet of paving, and fabricating turnout structure grating and beams.
- II. **CONTRACT PRICE**
  - A. Contract Change Order No. 3 results in a net increase of \$191,778.53 to the contract price.
- III. **CONTRACT TIME**
  - A.

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	\$ 54,830.00	Contract Notice to Proceed		6/27/2016
Cost of this Change Order	\$ 191,778.53 See (Pg 2)	Calendar Days to Substantial Completion	515	
<b>Total of all Contract Cost Change Orders including this Change Order</b>	\$ 246,608.53	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		
Net percentage change in Contract Price from original Contract Price	0.54%	Time extension days this CCO	0	
		Total time extension days previous CCO's	60	
		Total Time Extension Days To Date	60	
		Excess Adverse Weather Days To Date (Pg	0	
		Suspended Work Days To Date	0	
		<b>Revised Substantial Completion Date</b>		<b>1/22/2018</b>
<b>Revised Contract Price</b>	<b>\$ 45,830,358.53</b>	<b>Revised Final Completion Date</b>		<b>3/23/2018</b>

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: 07/19/17 Contractor: Garney Pacific Inc.  
 Accepted By: [Signature] Title: Sr. Project Mgr.  
 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: 07/19/17  
Gentry Karr, Construction Manager      Randy Hoffman, Project Manager  
 Authorized By  Public Utilities Water Division Manager Date: 8/29/17  
[Signature]  
 Approved By:  Public Utilities Director Date: 8/30/17  
[Signature]  
 Approved By:  City Council Minutes of Meeting Dated: N/A  
[Signature]

(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.)



**DEPARTMENT OF PUBLIC UTILITIES  
WATER DIVISION**



**CONTRACT CHANGE ORDER NO. 3**  
**Change Order Details**

Change Order Request	Description	Amount	Time increase
3	COR 001 Paleontological/Cultural Monitoring: Contract specifications require the development of a paleontological monitoring and mitigation plan for the Project. A plan was prepared and called for on-site paleontological monitoring during certain phases of the Project. Specifications indicated that costs for paleontological monitoring, if required, would be paid by the Owner. Costs are through May 2017, and all subsequent paleontological and cultural monitoring will be completed by the City subcontractor.	\$ 127,333.46	0
3	COR 004 Base Rock for All Weather Surface: This change was a negotiated solution to changes in the specifications to address the County's requirements for 2-way traffic in the construction soft closure zone.	\$ 56,056.00	0
3	COR 005 Fabricate Turnout Structure Grating and Beams: Change Order Request is a result to field changes in the position of the traveling screen at intake versus position in approved submittal. As a result of the position change the prefabricated grates and support beams required modification. This change addresses costs associated with the modifications.	\$ 8,389.07	0
		<b>\$ 191,778.53</b>	<b>0</b>





DEPARTMENT OF PUBLIC UTILITIES  
WATER DIVISION  
Adverse Weather Delay Days



Agreed Adverse Weather Days

Month	AWDs	Excess AWDs to be Applied to Contract Time
Jun-16	0	TBD
Jul-16	0	TBD
Aug-16	0	TBD
Sep-16	0	TBD
Oct-16	TBD	TBD
Nov-16	TBD	TBD
Dec-16	TBD	TBD
Jan-17	TBD	TBD
Feb-17	TBD	TBD
Mar-17	TBD	TBD
Apr-17	TBD	TBD
May-17	TBD	TBD
<b>Total Excess AWDs</b>		<b>0</b>



**DEPARTMENT OF PUBLIC UTILITIES  
PROGRAM MANAGEMENT AND ENGINEERING OFFICE**



2101 G Street, Building A, Fresno, CA 93721

**CONTRACT CHANGE ORDER NO. 4**

CONTRACT AWARDED BY: Fresno City Council DATE OF AWARD: 5/12/2016  
 PROJECT: Kings River Pipeline  
 P.O. NO: FRSNO-0000070741 PROJECT ID NO: WC000057 BID FILE NO: 3433  
 CONTRACTOR: Garney Pacific 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. 4 includes costs associated with paving on Armstrong Avenue, adding air release valves, moving several CAVs, extending the electrical pad, an unmarked Freewater irrigation line, crossing unmarked utilities, add an access manway, additional traffic control measures, and adverse weather days (AWDs).
- II. **CONTRACT PRICE**
  - A. Contract Change Order No. 4 results in a net increase of \$331,970.12 to the contract price.
- III. **CONTRACT TIME**
  - A. This Change Order No. 4 adds an additional 4 days to the contract time to account for excess AWDs.

STATEMENT OF CONTRACT PRICE		STATEMENT OF CONTRACT TIME		
Original Contract Price	\$ <b>45,583,750.00</b>		Calendar Days	Contract Dates
Approved Cost Change Orders to Date	\$ 246,608.53	Contract Notice to Proceed		6/27/2016
Cost of this Change Order	\$ 331,970.12 <i>See (Pg 2)</i>	Calendar Days to Substantial Completion	515	
<b>Total of all Contract Cost Change Orders including this Change Order</b>	<b>\$ 578,578.65</b>	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		
Net percentage change in Contract Price from original Contract Price	1.27%	Time extension days this CCO	0	
		Total time extension days previous CCO's	60	
		Total Time Extension Days To Date	60	
		Excess Adverse Weather Days To Date <i>(Pg 3)</i>	4	
		Suspended Work Days To Date	0	
		<b>Revised Substantial Completion Date</b>		<b>1/26/2018</b>
<b>Revised Contract Price</b>	<b>\$ 46,162,328.65</b>	<b>Revised Final Completion Date</b>		<b>3/27/2018</b>

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: 12/14/17 Contractor: Garney Pacific Inc.  
 Accepted By: [Signature] Title: Sr Project Mgr.  
*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: 12/12/2017  
 Gentry Karr, Construction Manager Randy Hoffman, Project Manager  
 Authorized By:  Public Utilities Water Division Manager Date: 12/14/17  
[Signature] Michael Carbajal  
 Approved By:  Public Utilities Director Date: 12/29/2017  
[Signature] Thomas Esqueda  
 Approved By:  City Council Minutes of Meeting Dated: N/A

(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.)



**DEPARTMENT OF PUBLIC UTILITIES  
PROGRAM MANGEMENT AND ENGINEERING OFFICE**



**Kings River Pipeline  
CONTRACT CHANGE ORDER NO. 4  
Change Order Details**

Items	Description	Amount	Time
1	RFP 004: The Armstrong Avenue/Harvey Street intersection pavement (pipeline Station 10+00 to Station 14+00) was significantly deteriorated prior to construction, and subsequent pipeline construction activity essentially destroyed the pavement beyond what a normal trench patch would remedy. The City agreed with the County's request to replace the entire paved surface within the intersection. This change directs the Contractor to rebuild the intersection to match the recently installed roadway pavement on Armstrong South of the intersection. The agreed road section consists of 4-inches of HMA over 8-inches of compacted AB with a 2% cross slope (See Rider 19, Item 11 and RFI 064). The City agrees to reimburse the Contractor for a portion of the cost for work that is outside the Contract Scope of Work.	\$52,070.55	0
2	RFP 005: This change adds small diameter air relief vents in the pipe access manways covers to allow for release of air during the filling of the pipe, to release pockets of air trapped in the access manways to expedite the pipeline hydrostatic testing, and to facilitate future filling of the pipeline during routine maintenance.	\$15,037.81	0
3	WCD 004: This change adds a concrete pad at the Diversion Site electrical panels to allow for a safe all weather work surface. This change was requested by City Operations staff.	\$7,864.78	0
4	WCD 005: This change modifies the location of an already installed CARV that was in conflict with a property owner's access gate. The CARV was relocated to the East of the location shown on the design drawings.	\$5,604.86	0
5	WCD 006: This change modifies the location of a CARV that was installed within the right-of-way but too close to the property owner's orchard. The CARV was relocated three feet closer to the Belmont roadway to provided sufficient clearance to the orchard thus reducing the possibility of damage to the CARV.	\$5,604.86	0
6	WCD 007: This change modified the standard detail for driveway replacement to the Warmerdam property on Armstrong Anvenue. The easement document for the Warmerdam's property requires that access driveways be sawcut and replaced to the edge of the right-of-way. This requirement was discovered after the intial paving was completed and applies to two driveways.	\$5,219.52	0
7	WCD 011: This change modifies the location of a CARV that was installed too close to the AT&T pole south of Belmont Ave. The CARV relocated to the East of its planned location.	\$5,604.86	0

8	WCD 012: Due to the field change required to pass the pipeline under an existing utility east of Academy Ave which was found to be lower than indicated on the design drawings, the Design Engineer determined the Contractor is to install a pup piece of pipe with an accessway at approximately Station 372+00 to address the change in elevation of the pipeline. This change requires the Contractor to have an addition piece of pipe fabricated and to install said piece at Station 372+00. The installation will require the contractor to expose the previously place pipe, cut and remove a 10 foot section of the existing pipe and replace with the new pup piece containing the accessway. The pup piece will be connected with the use of two welded buttstraps. The Contractor is to then backfill and compact the excavation and then repave Belmont Avenue in the area of the work.	\$101,896.82	0
9	COR 006: Adverse Weather Days: Garney requested a total of 21 Adverse Weather Days (AWDs) from October 28, 2016 to February 20, 2017 as shwon on Page 3 of this Contract Change Order. The CM agreed that a total of 3 Excess AWDs are validated for 2016 and a total of 1 Excess AWD is validated for 2017 through October 31, 2017. This change adds 4 calendar days to the Contract Time for Excess AWDs.	\$0.00	4
10	COR 007: This change addresses a change condition at the intersection of Belmont and Trimmer Springs Avenues. An unmarked 18" irrigation line owned by the Free Water Irrigation District was discovered during pothole investigations. The Contractor was directed to provide a temporary steel beam truss to support active irrigation pipe while the 72" RW pipeline was installed underneath.	\$71,919.77	0
11	COR 008: This change adds traffic control measures to the detour route around the work zone from Trimmer Springs Road to Flume Road section of pipeline to moitigate public safety concerns raised by the County and various stakeholder.	\$3,337.21	0
12	COR 009: This change modifies the depth of the pipeline to clear an unmarked communication line that was discovered during pipe installation. A change of slope to the pipeline was required to clear the communication line. The change in slope of the pipe resulted in addition work for the Contractor.	\$3,418.21	0
13	COR 011: This change addresses the discovery of a previously unknown, possible historic concrete structure located approximately 8 feet below the ground surface in the pipeline trench. Construction was stopped while the City's project archeologist determined the origin and purpose of the structure. The project archeologist's determination was that the structure should be measured and photographically documented, then broken up and removed by the Contractor. The delay covered two work days and the work necessary to remove the structure.	\$15,828.01	0
14	COR 012: This change addresses an unmarked communication line that was discovered while excavating for pipe installation. The communication line was not shown on the project drawing or located in the field by the utility locator. The unforeseen condition caused delays to the Contractor to temporarily support and work around the line..	\$9,324.71	0

15	COR 014: This change addresses an unmarked AT&T line at Station 107+95 that was discovered while excavating for pipe installation. The communication line was not shown on the project drawing or located in the field by the utility locator. The communication line was in a steel conduit which the contractor damaged. AT&T was called to repair the damaged line. AT&T found a second steel conduit below the damaged conduit and decided to install the communication line in the second conduit. Second conduit was in conflict with CARV outlet on conveyance pipe. Contractor directed by the CM to move CARV 40 feet to east by installing a straight section of piping out of sequence to avoid conflict. Contractor delayed by AT&T response and need to lay pipe out of sequence to avoid CARV conflict.	\$16,700.78	0
16	COR 015: This change addresses two unmarked utility lines in the vicinity of Station 120+00 that were discovered while excavating for pipe installation. The communication line (AT&T) was not shown on the contract drawings or marked in the field by the utility locator. Contractor experienced delays while AT&T responded to the damaged utility.	\$12,537.37	0
		\$ 331,970.12	4

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

**Adverse Weather Days**

**Agreed Adverse Weather Days (AWD)**

Month	AWDs	Excess AWDs to be Applied to Contract Time
Jun-16	0	0
Jul-16	0	0
Aug-16	0	0
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	0	0
Apr-17	0	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	TBD	TBD
Dec-17	TBD	TBD
Jan-18	TBD	TBD
<b>Total Excess AWDs</b>		<b>4</b>



**DEPARTMENT OF PUBLIC UTILITIES  
PROGRAM MANAGEMENT AND ENGINEERING OFFICE**

2101 G Street, Building A, Fresno, CA 93721



**CONTRACT CHANGE ORDER NO. 5**

CONTRACT AWARDED BY: Fresno City Council DATE OF AWARD: 5/12/2016  
 PROJECT: Kings River Pipeline  
 P.O. NO: FRSNO-0000070741 PROJECT ID NO: WC000057 BID FILE NO: 3433  
 CONTRACTOR: Garney Pacific 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. 5 includes costs associated with ensuring timely functional availability, rotating the sluice gate actuators, and providing additional traffic security.
- II. **CONTRACT PRICE**
  - A. Contract Change Order No. 5 results in a net increase of \$119,055.31 to the contract value.
- III. **CONTRACT TIME**
  - A. This Change Order No. 5 adds an additional 34 calendar days to the contract time.

STATEMENT OF CONTRACT PRICE		STATEMENT OF CONTRACT TIME		
Original Contract Price	\$ <u>45,583,750.00</u>		Calendar Days	Contract Dates
Approved Cost Change Orders to Date	\$ <u>578,578.65</u>	Contract Notice to Proceed		<u>6/27/2016</u>
Cost of this Change Order	\$ <u>119,055.31</u> See (Pg 2)	Calendar Days to Substantial Completion	515	
<b>Total of all Contract Cost Change Orders including this Change Order</b>	\$ <u>697,633.96</u>	Calendar Days to Final Completion	575	
		Computed Date for Substantial Completion		<u>11/23/2017</u>
Net percentage change in Contract Price from original Contract Price	<u>1.53%</u>	Computed Date for Final Completion		<u>1/22/2018</u>
		Time Extension Days For Contract		
<b>Revised Contract Price</b>	\$ <u>46,281,383.96</u>	Time extension days this CCO	34	
		Total time extension days previous CCO's	60	
		Total Time Extension Days To Date	94	
		Excess Adverse Weather Days To Date (Pg 3)	4	
		Suspended Work Days To Date	0	
		<b>Revised Substantial Completion Date</b>		<u>3/1/2018</u>
		<b>Revised Final Completion Date</b>		<u>4/30/2018</u>

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: 2/22/2018 Contractor: Garney Pacific Inc.

Accepted By: [Signature] Title: OPERATIONS 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: 02/22/2018  
Gentry Karr, Construction Manager Randy Hoffman, Project Manager

Authorized By:  Public Utilities Water Division Manager Date: 5/14/18  
[Signature] Michael Carbajal

Approved By:  Public Utilities Director Date: 5/15/18  
[Signature] Thomas Esquivada  
City Manager

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.)



**DEPARTMENT OF PUBLIC UTILITIES  
PROGRAM MANGEMENT AND ENGINEERING OFFICE**



**Kings River Pipeline  
CONTRACT CHANGE ORDER NO. 5  
Change Order Details**

Items	Description	Amount	Time
1	COR 025: This change item adds thirty-four (34) calendar days of Contract Time Extension without any associated indirect costs to the Contract. The Contractor acknowledges that there is no expectation to be compensated for any indirect costs associated with the time extension.	\$0.00	34
2	COR 026: This change item adds a \$100,000 lump sum payment to the Contract as full compensation for Garney's commitment of sufficient personnel and other resources to ensure the KRP is complete and functionally available for the City to take over and utilize on or before midnight February 22, 2018. Determination of completeness and functional availability will be determined in accordance with City Standard Specification Article 6-11 and requires the pipeline and all operational appurtenances to be functionally available including successful testing of 72-inch pipeline; 72-inch butterfly valves, CARVs, diversion travelling screen, and diversion flow meter. The lump sum payment will only be made if functional availability is achieved on or before midnight February 22, 2018.	\$100,000.00	0
3	WCD 003: This Change item modifies handrails at the intake to allow for the slide gate actuator to be rotated 180 degrees from its current installed position. As currently designed and constructed, the slide gate actuator will not allow the Rubicon flume meter to be removed for servicing. By rotating the actuator 180 degrees the Rubicon flume meter can be removed for service without disassembly of slide gate actuator over open water of the canal.	\$1,803.66	0
4	WCD 014: This change is made to improve control of the speed of vehicles (passenger and commercial) being detoured on to Flume Road due to the construction of the KRP pipeline on Trimmer Springs Road. Project Management requested the Contractor to obtain the services of a dedicated California Highway Patrol (CHP) officer to patrol the construction area to reduce traffic speed and to improve the safety to all that travel through the construction zone. As part of this request the City agreed to share in 50% of the cost for the CHP officer.	\$17,251.65	0
		<b>\$ 119,055.31</b>	<b>34</b>



**Adverse Weather Days**

**Agreed Adverse Weather Days (AWD)**

<b>Month</b>	<b>AWDs</b>	<b>Excess AWDs to be Applied to Contract Time</b>
Jun-16	0	0
Jul-16	0	0
Aug-16	0	0
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	0	0
Apr-17	0	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	TBD	TBD
<b>Total Excess AWDs</b>		<b>4</b>

2101 G Street, Building A, Fresno, CA 93721

**CONTRACT CHANGE ORDER NO. 6**

CONTRACT AWARDED BY: Fresno City Council DATE OF AWARD: 5/12/2016  
 PROJECT: Kings River Pipeline  
 P.O. NO: FRSNO-0000070741 PROJECT ID NO: WC000057 BID FILE NO: 3433  
 CONTRACTOR: Garney Construction, 3049 Independence 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. 6 includes costs associated with: 1) WCD 17 Diversion Electrical Enclosure 2) WCD 22 Additional Bollard Locks 3) WCD 24 Closed Feedback 4) WCD 26 PCM-FID Panel Expansion 5) WCD 25 Post-construction Survey 6) COR 10 Unmarked Fiber Line in Harvey Avenue 7) COR 21 Unmarked Culvert Drain Line on Trimmer Springs 8) COR 27 Asphalt Emulsion Lab Testing 9) COR 28 Flushing Appurtenances 10) COR 29 Dewatering Existing Tie-In Pipe 11) COR 30 Additional Fencing and Downtime at the Intake 12) Addition of DC Blocker 13) Contract Time Extension

**II. CONTRACT PRICE**

- A. Contract Change Order No. 6 results in a net increase of \$261,391.88 to the contract value.

**III. CONTRACT TIME**

- A. This Change Order No. 6 adds eighty 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	\$ 697,633.96	Contract Notice to Proceed		6/27/2016
Cost of this Change Order	\$ 261,391.88 <i>See (Pg 4)</i>	Calendar Days to Substantial Completion	515	
<b>Total of all Contract Cost Change Orders including this Change Order</b>	\$ 959,025.84	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	80	
Net percentage change in Contract Price from original Contract Price	2.10%	Total time extension days previous CCO's	94	
		Total Time Extension Days To Date	174	
		Excess Adverse Weather Days To Date (Pg 5)	4	
		Suspended Work Days To Date	0	
		<b>Revised Substantial Completion Date</b>		<b>5/20/2018</b>
<b>Revised Contract Price</b>	\$ 46,542,775.84	<b>Revised Final Completion Date</b>		<b>7/19/2018</b>

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: 7/5/18 Contractor: Garney Construction  
 Accepted By: [Signature] 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.*

**OWNER APPROVAL**

Submitted By: [Signature] Recommended By: [Signature] Date: 07/05/2018  
 Gentry Karr, Construction Manager Randy Hoffman, Project Manager  
 Authorized By:  Interim Assistant Director Project Manager Date: \_\_\_\_\_  
 Approved By:  Public Utilities Director Date: 11/13/18  
 Approved By:  City Council Minutes of Meeting Dated: 11/8/18

(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. 6  
Change Order Details

Items	Description	Amount	Time
1	WCD 017: The City has requested an enclosure around the electrical panels at the Diversion Site to keep the electrical equipment in a climate controlled environment and to improve security of the delicate and costly equipment. The construction site has been burglarized several times during the past year due to its remote location and close proximity to the road. This WCD is to allow the Contractor to procure the enclosure as the building has a long lead time.	\$44,727.12	-
2	WCD 022: The Contractor is to supply and install Code 170116 Safety Locks with the installation of the removable bollards. Per City's request, this change was to direct the Contractor to purchase an additional 500 Code 170116 Safety Locks as spare parts to the City.	\$2,633.39	-
3	WCD 024: During testing and startup the City discovered the current design did not provide sufficient feedback through SCADA to provide the City with the actual status of the sluice gate on the intake structure. The current installation only indicates fully open or fully closed and no status in-between. Currently when the gate is ordered to close, the screen indicates closed even though the closing process is not complete. This change is to add additional wiring and relay to provide the status of the sluice gate during the closing and opening process. This change will allow the operator to read the actual status of the gate in percent open or percent closed. Change requested by the City's operations staff.	\$4,312.92	-
4	WCD 026: Per request of the Fresno Irrigation District, the Contractor was directed to provide the expansion module and additional inputs to the PCM-FID panel due to significant discrepancies on the project drawings.	\$13,203.27	-
5	WCD 025: The Contractor was directed to conduct the post-construction survey of all survey monuments within or adjacent to the road right of way, pipeline alignment, or other construction areas. A similar survey was required prior to construction, this post construction survey will determine if construction had any effect on the survey monuments. The results of the monument survey location data will be filed with the Fresno County Surveyor. Contractor to provide a report from the California Registered Land Surveyor to the City's Construction Manager summarizing the results of the post-construction survey and indicating any monuments which have been affected by construction activities. The Contractor will be responsible for repairing any damaged monuments or seeking resolution of any issues which are revealed by the post-construction survey. The post-construction survey and filing with the County was not included as a Contractor responsibility in the Kings River Pipeline contract therefore, will be addressed as a Change Order.	\$37,067.77	-

6	COR 010: An unmarked fiber line was discovered while excavating for pipe installation. The fiber line ran parallel to and in some instances in the trench zone. Fiber line had to be supported and moved slightly to allow for pipe installation. The unforeseen condition caused delays to the Contractor.	\$49,785.31	-
7	COR 021: This change is associated with an unmarked storm water drain culvert which crossed Trimmer Springs Ave at approximate Station 662+00. The culvert was not the County inventory and was not shown on the project's plans. The culvert was in direct conflict with pipeline which required the culvert to be cut, a portion removed, and plugged to prevent storm water flow into the pipe trench. Permission was required from the County of Fresno to take the storm drain out of service. The City Construction Manager directed the Contractor not to proceed until County approval could be obtained. County permission was eventually obtained. Contractor is requesting costs incurred to pothole the utility to determine its exact location, elevation, and loss of production.	\$36,067.77	-
8	COR 027: Per the specifications, Contractor is required to test a sample of asphalt emulsion and chip material at the Department of Public Works and Planning Material Laboratory. However, the County informed the Construction Manager that the County of Fresno does not have a contract to conduct testing for the Kings River Project and would not be conducting required testing. The Construction Manager then directed the Contractor to have a third party lab conduct the testing.	\$4,834.23	-
9	COR 028: The Contractor presented costs associated with flushing and testing valves on the appurtenances for pipeline sections 1-4 which consider extra work not addressed in the specification. The total cost of labor from the Contractor for this activity was \$7,268.33. The City offer to share 50% of the cost was agreed to by the Contractor, therefore, the City's share was \$3,634.17.	\$3,634.17	-
10	COR 029: The Contractor was working around the tie-in connection piece near station 10+00 and encountered a significant amount of water coming from a pipe owned by Lyles Construction. The Contractor was not aware that this pipe was filled with water so, when the flange was removed on a temporary blowoff, the trench became flooded. This change to discharge the water added two complete shifts, one additional shift at three hours, additional premium time on one shift, and standby charges from subcontractors.	\$52,277.30	-
11	COR 30: The Contractor presented costs associated with survey errors that misrepresented the location of two oak trees at the KRP intake. The plans showed the trees well within the fence line, in actuality the trees were in the fence line. To prevent damage to the oak trees the Contractor was directed to place the fence around the trees. This change includes the extra materials and labor for fencing around the trees as well as three hours of standby time as the conflict was resolved.	\$9,620.34	-

12	WCD 21: The Contractor was directed to purchase and install a DC blocker per the instructions provided by the DC blocker manufacturer. Per RFI 101, the motor operated valve DC blocker shown on detail 7 of plan sheet 00-CP-003 was not included in the specifications or labeled anywhere else on the project drawings. Upon completion, Contractor is to provide a red line drawing of it's actual location.	\$3,228.29	-
13	This change adds 80-calendar days to the Contract Time. Several items of work were ongoing past the Contract Substantial Completion milestone date. Three of those items of work were Owner caused delays that were concurrent with Contractor caused delays. The Owner caused delayed items of work were completed on May 21, 2018. In accordance with Contract General Conditions Section Claims for Additional Time page 2.18, the Contractor is entitled to a Contract Time Extension of 80-calendar days. The Contractor is not entitled to an adjustment of Contract Price associated with this change of Contract Time since the delays were concurrent with delays within the Contractor's control.	-	80
		\$ 261,391.88	80

Kings River Pipeline  
**Adverse Weather Delay Days**

**Agreed Adverse Weather Days (AWD)**

Month	AWDs	Excess AWDs to be Applied to Contract Time
Jun-16	0	0
Jul-16	0	0
Aug-16	0	0
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	0	0
Apr-17	0	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	TBD	TBD
<b>Total Excess AWDs</b>		<b>4</b>



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  
 P.O. NO: FRSNO-0000070741 PROJECT ID NO: WC000057 BID FILE NO: 3433  
 CONTRACTOR: Garney Construction, 3049 Independence 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	
<b>Total of all Contract Cost Change Orders including this Change Order</b>	<b>\$ 705,553.48</b>	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		
Net percentage change in Contract Price from original Contract Price	1.55%	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
Revised Contract Price	\$ 46,289,303.48			

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: [Signature] 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.*

**OWNER APPROVAL**  
 Submitted By: [Signature] Gentry Karr, Construction Manager Recommended By: [Signature] Martin Wendels, Project Manager Date: 9/13/2018  
 Approved By:  Public Utilities Director Date: 11/13/18  
 Approved By:  City Council Minutes of Meeting Dated: 11/18/18  
 Michael Carbajal

(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 Springs 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)	26

Kings River Pipeline  
**Adverse Weather Delay Days**

**Agreed Adverse Weather Days (AWD)**

<b>Month</b>	<b>AWDs</b>	<b>Excess AWDs to be Applied to Contract Time</b>
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>

**CONTRACT CHANGE ORDER NO. 8**

CONTRACT AWARDED BY: Fresno City Council DATE OF AWARD: 5/12/2016  
 PROJECT: **Kings River Pipeline**  
 P.O. NO: FRSNO-0000070741 PROJECT ID NO: WC000057 BID FILE NO: 3433  
 CONTRACTOR: **Garney Construction, 3049 Independence 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. 8 incorporates: 1) COR 036 Reimbursement for Pipe Coating Non-Conformance 003 2) Vehicular Rumble Strips 3) Turbidimeter Installation
- II. **CONTRACT PRICE**
  - A. Contract Change Order No. 8 results in a net decrease of \$302,294.00 to the contract value.
- III. **CONTRACT TIME**
  - B. This Contract Change Order No. 8 does not impact 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	\$ 705,553.48	Contract Notice to Proceed		6/27/2016
Cost of this Change Order	\$ (302,294.00) See (Pg 2)	Calendar Days to Substantial Completion	515	
<b>Total of all Contract Cost Change Orders including this Change Order</b>	\$ 403,259.48	Calendar Days to Final Completion	575	
		Computed Date for Substantial Completion		11/23/2017
Net percentage change in Contract Price from original Contract Price	0.88%	Computed Date for Final Completion		1/22/2018
		Time Extension Days For Contract		
<b>Revised Contract Price</b>	\$ 45,987,009.48	Time extension days this CCO	0	
		Total time extension days previous CCO's	200	
		Total Time Extension Days To Date	200	
		Excess Adverse Weather Days To Date (Pg 3)	4	
		Suspended Work Days To Date	0	
		<b>Revised Substantial Completion Date</b>		<b>6/15/2018</b>
		<b>Revised Final Completion Date</b>		<b>8/14/2018</b>

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: 2/4/19 Contractor: Garney Construction  
 Accepted By: [Signature] Title: Executive V.P.

*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: 2/14/2019  
 Gentry D. Karr, Construction Manager Martin Wendels, Project Manager

Approved By:  Supervising Professional Engineer Date: 02/14/2019  
[Signature] Dejan Pavic

Approved By:  Public Utilities Director Date: 3/22/19  
[Signature] Michael Carbajal

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.)*

**Kings River Pipeline  
CONTRACT CHANGE ORDER NO. 8  
Change Order Details**

Items	Description	Amount	Time
1	COR 036: On August 24, 2017 it was determined that the pipe primer coating being applied to the KRP pipe was not per specification. On August 28, 2017 Non-Conformance Notice 003 (NCN 03) was issued to Garney Construction concerning the pipe primer. NCN 03 noted that it had been determined that the primer process had been changed by the pipe manufacture without notice. The City determined the cost impact of the non-conforming pipe priner would have on the Kings River Pipeline. During the past several months a series of negotiations between the City and Garney have taken place. Late in 2018 the City received a revised settlement offer from the Contractor. After review by all levels of City DPU management the revised offer was accepted and will be included as a credit to the current contract.	\$ (296,148.00)	-
2	The City purchased two (2) vehicular rumble strips via WCD 002 to be used in the construction staging areas' common entrances on Olive for Recharge Fresno contractors and staff. During demobilization the Contractor mistakenly removed the rubble strips. In lieu of delivering the rumble strips to the City, the Contractor has agreed to provide a credit.	\$ (5,146.00)	-
3	Per City request, the Contractor was directed to not install the turbidimeter inside of the meter vault as shown on the project drawings. Credit provided to the City for work removed from the contract.	\$ (1,000.00)	-
		<b>\$ (302,294.00)</b>	<b>0</b>

Kings River Pipeline  
**Adverse Weather Delay Days**

**Agreed Adverse Weather Days (AWD)**

<b>Month</b>	<b>AWDs</b>	<b>Excess AWDs to be Applied to Contract Time</b>
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>