



**DEPARTMENT OF PUBLIC UTILITIES
REGIONAL WASTEWATER MANAGEMENT
WASTEWATER MANAGEMENT DIVISION**
5607 WEST JENSEN AVENUE - FRESNO CALIFORNIA 93706

CONTRACT CHANGE ORDER NO. 1

CONTRACT AWARDED BY: ☒ CITY COUNCIL ☐ REDEVELOPMENT AGENCY ☐ INFORMAL

DATE OF AWARD **Jun 5, 2014**

PROJECT: **Headworks Bypass and Coating Repairs** SHEET **1 of 3**
P.O. NO: **68017** PROJECT ID NO. **TC00080** BID FILE NO. **3201**
TO: **Floyd Johnston Construction Co. Inc. 2301 Herndon Avenue, Clovis, CA 93611**, CONTRACTOR

You are hereby requested to make the herein described changes from the plans and specifications 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.

Change requested by: **City of Fresno**

Description:

I. CHANGES TO CONTRACT PLANS AND SPECIFICATIONS.

- A. See sheets 2 & 3 of this change order for details
(additional support documents are not numbered)

II. CONTRACT PRICE

- A. Contract Change Order No.1 results in a net increase of Not to Exceed \$500,000.00 to the contract price.

III. CONTRACT TIME

- B. Contract Change Order No.1 results in a net time increase of 4 working days to the original contract time

Cost of this Change Order		Increase	STATEMENT OF CONTRACT TIME		
Estimated	\$500,000.00	Decrease		NUMBER OF DAYS	DATE
Exact	\$ -				
Original Contract Price	\$ 6,392,595.00		Date of Notice to Proceed		9/8/2014
Approved Cost Changes to Date	\$ -		Contract <input checked="" type="checkbox"/> Working Calendar Days	160	
Total of all Contract Changes including this Change Order	\$ 500,000.00		Computed Date for Completion		4/29/2015
			Time Extension Days For Contract		
			Time extension days this CCO	4	
			Total time extension days all CCO's	0	
			Weather Days through 2/27/15	7	
			Suspended Days through	0	
			Total Extension Days	11	
			Substantial Completion		
			Extended Date for Completion		5/14/2015
Net change in Contract Price is of the original Contract Price		7.8%			
Revised Contract Price		\$ 6,892,595.00			

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.

Accepted Date _____ Contractor: _____

Signed 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.

Submitted By: _____ Approval Recommended _____ Date _____
Orlando Gonzalez, E.I.T. Project Manager Kevin Norgaard, P.E. Supervising Professional Engineer

Authorized: ☐ Chief Administrative Officer
Ex-officio Executive Director of the Redevelopment Agency _____ Date _____
(if change orders or total of change orders exceed 5 percent of contract price)

Authorized: ☐ City Council ☐ Redevelopment Agency Minutes of Meeting Dated: _____
(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.)

Authorized: ☒ Assistant Director of Public Utilities
☐ Engineer for the Redevelopment Agency _____ Date _____
Stephen A. Hogg

Approved: ☒ Public Works Director
☐ Engineer for the Redevelopment Agency _____ Date _____
c. Kevin Norgaard, Project Manager Patrick N. Wiemiller

PROJECT: **HEADWORKS BYPASS AND COATING REPAIRS AT THE
FRESNO/CLOVIS RWRF**

P.O. No: **68017**

Contractor: **Floyd Johnston Construction Co. Inc. 2301 Herndon Avenue,
Clovis, CA 93611**

**ITEMS COVERED UNDER
CHANGE ORDER NO. 1:**

- ❖ **Item #1 – Secondary Set of Plugs:** During the bypass plan review for the project, it was decided to add a second set of 66-96" sewer plugs. The original design only called for one set of plugs. The original set of plugs is required to stop flow into the building so that flow can be diverted upstream of the plugs. After the project was awarded but before the bypass was started it was decided by the Wastewater Operations group that the influent wet well would be cleaned during the project. It was determined by plant management that a single sewer plug did not provide adequate redundancy for the safety of the cleaning staff. An additional set of plugs was requested to be installed to provide the necessary safety.
Add \$38,400.00 – Add 4 days to contract time.
- ❖ **Item #2 – Excess Grit Removal:** After the water was drained from the building, project manager, construction manager and contractor entered the buildings sewage conveying areas and found between two and three feet of grit and scum built up in excess of 100 cubic yards. The typical amount of grit and scum expected in areas such as these is up to eight inches or about 20 cubic yards of material. After evaluating the situation, it was agreed that this amount of material was unanticipated, out of scope, and additional work. The City of Fresno RWRF agreed to have the contractor contract with a specialty contractor to quickly remove the grit and scum from the building.
To be tracked on Time and Material.
- ❖ **Item #3 – Structural Rebar Repair:** After the Headworks building was bypassed and dewatered allowing access to the areas to be cleaned and recoated. RWRF construction manager along with the design build engineer inspected the areas for failures. The majority of the coating was in a moderately deteriorated condition as stated in the original proposal. However, there were areas where the deterioration had reached the structural rebar, up to 5 inches of concrete lost. More than 14 locations were identified where the rebar was either exposed or no longer existed. The worst of these areas is a mixing vault 25 feet wide by 12 feet long and 10 feet tall. In this area the upper walls and the four concrete beams are severely deteriorated and in need of reconstruction.

Without this reconstruction the structural integrity of the building is compromised.

To be tracked on Time and Material.

- ❖ **Item #4 – Cleaning, Inspection and Corrective Action for Failed Coating:** The 3rd section of the Headworks building that was recoated in 2004 is showing signs of failure where spot repairs will be required to protect the underlying concrete from corrosion. Upon investigation it was identified these failures were caused by insufficient keying in of the coating to the structure. Due to the amount of buildup and debris in this section, it is impossible before cleaning to determine the full extent of areas in need of corrective action. Removal of the debris, pressure washing and sandblasting will be required to fully determine how far the coating failure has spread and what means of rehabilitation need to take place.

To be tracked on Time and Material.

TOTALS FOR CONTRACT CHANGE ORDER NO. 1

Dollar increase – TBD not to exceed \$500,000.00

Time Increase – 4 working days

End of Items to be Included in Change Order No. 1

This Change Order Represents Full and Final Consideration for the Items Listed above, including any and all delays, disruptions and impacts.
