



City of Rialto

Legislation Details (With Text)

File #: UC-19-031 **Version:** 1 **Name:**

Type: Agenda Item **Status:** Agenda Ready

File created: 12/12/2018 **In control:** Utilities Commission

On agenda: 12/18/2018 **Final action:**

Title: Recommend City Council/Rialto Utility Authority Approve a Final Construction Work Authorization in the Amount of \$319,800 to Rialto Water Services for the Water Facility Improvement Project W13 - Willow Booster Station Valve Replacement.
(ACTION)

Sponsors: Susanne Wilcox

Indexes:

Code sections:

Attachments: 1. Attachment 1 - W13 FCWA Package

Date	Ver.	Action By	Action	Result
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For Utilities Commission Meeting [December 18, 2018]

TO: Honorable Chairperson and Commission

APPROVAL: Thomas J. Crowley, P.E., Utilities Manager

FROM: Rialto Water Services/Veolia

Recommend City Council/Rialto Utility Authority Approve a Final Construction Work Authorization in the Amount of \$319,800 to Rialto Water Services for the Water Facility Improvement Project W13 - Willow Booster Station Valve Replacement.
(ACTION)

BACKGROUND:

The Willow Booster Station consists of four booster pumps that lift water from the Baseline Feeder into Pressure Zone 2 which provides water to a portion of the residences of the City. The Baseline Feeder is a cooperative project between the City of Rialto, West Valley Water District, Riverside Highland Water Company and San Bernardino Valley Municipal Water District, that delivers water from the San Bernardino Basin Area (SBBA) to the cooperative partners.

There are four twenty-four (24) inch valves that isolate the boosters from the Willow Booster Station from the Baseline Feeder that are leaking in the closed position and need to be replaced. These valves are critical components to the operation and management of the water system.

ANALYSIS/DISCUSSION:

The City/RUA and RWS/Veolia are coordinating this work with Valley District and WVWD staff since the Baseline Feeder will not be delivering water to the participating agencies during the valve replacement project.

Replacement of the valves was originally intended to be done as an Operating Repair and Replacement (OR&R) project; however once the scope of work was fully defined, it was clear the cost was going to exceed the OR&R cost limits and would need to be done as a Facility Improvement Project (FIP). As required with an FIP, the Substantially Complete Design (SCD) was submitted to RUA on October 4, 2018 and approved by RUA.

RWS/Veolia conducted a competitive bid process and received two qualified and responsive bids. CP Construction was deemed to be the lowest responsible bidder with a bid amount of \$246,000. The total Final Construction Work Authorization (FCWA) is a not to exceed amount of \$319,800 which includes negotiated percentages as allowed in the Concession Agreement and a contingency for change orders if needed.

The Utility Commission reviewed this item at the December 18, 2018, meeting and recommends approval by the City Council. A copy of the proposed FCWA documents are included as **Attachment 1**.

FINANCIAL IMPACT:

Operating Budget Impact

Operating costs are not expected to change; however replacement of the valves will ensure water flowing through the Baseline Feeder will be adequately controlled, including shut off, as needed thereby protecting the supply. Operating costs will continue to be absorbed by the Rialto Utility Authority through the Concession Agreement.

Capital Improvement Budget Impact

Sufficient budget is available in Water Fund Account No. 670-500-7960-3001 for the W13 - Willow Booster Station Valve Replacement Project. No additional appropriation is required.

The following table summarizes the W13 Project costs:

(Table included on following page.)

FCWA Cost Sheet

Project W13 Booster Valve Replacement

11/19/2018

Item	Description	Qty	Unit	Unit Price	Total Price
Bid Items for Relacement of 4 Booster Valves					
1b	MOBILIZATION AND DEMOBILIZATION & CLEAN UP	1	LS	\$3,500	\$3,500
2b	TRAFFIC CONTROL MEASURES & PLANS	1	LS	\$9,500	\$9,500
3b	SWPPP / BMP MEASURES	1	LS	\$4,000	\$4,000
4b	TRENCHING AND EXCAVATION SAFETY MEASURES	1	LS	\$5,000	\$5,000
5b	REPLACE AND INSTALL 24" MODEL 2638 FROM CLOW GATE VALVE ASSEMBLY COMPLETE	4	EA	\$42,500	\$170,000
6b	SALVAGING AND PROPERLY DISPOSING OF EXISTING VALVE AS INSTRUCTED BY VEOLIA	4	EA	\$2,500	\$10,000
7b	VALVE BOX RISER & CAP INSTALLATION PER CITY STANDARD NO 718-0	4	EA	\$750	\$3,000
8b	PAVEMENT, STRIPING, CURB, GUTTER, & SIDEWALK RESTORATION AS INSTRUCTED BY CITY OF RIALTO	1	LS	\$13,500	\$13,500
9b	PERFORMANCE & PAYMENT BONDS AS REQUIRED PER CONTRACT	1	LS	\$4,000	\$4,000
10b	PERMITS & INSURANCE REQUIREMENTS AS REQUIRED PER CONTRACT	1	LS	\$4,000	\$4,000
11b	TEMPORARY REMOVAL AND REPLACEMENT IN KIND OF TREE NEAR THE VALVES AND REPLACEMENT OF	1	LS	\$5,000	\$5,000
12b	TEMPORARY REMOVAL AND RELOCATION OF BUS STOP AND RESTORATION TO AS GOOD OR BETTER CONDITION THAN WHEN FIRST FOUND (IF REQUIRED)	1	LS	\$14,500	\$14,500

Total Construction Cost				\$246,000
Veolia Cost	20%			\$49,200.00
Contingency	10%			\$24,600.00
Grand Total				\$319,800

Employment Impact

For this project, RWS/Veolia anticipates between four and six employees will be utilized for one month of work through subcontractors being used to complete various components of the project and although the project will not create any new jobs, it will keep the current workforce employed.

RECOMMENDATION:

Staff requests the Utility Commission recommend that the City Council/Rialto Utility Authority:

- Approve a Final Construction Work Authorization in the amount of \$319,800 to Rialto Water Services for the Water Facility Improvement Project W13 - Willow Booster Station Valve Replacement, and
- Delegate authority to the City Administrator, or his designee, to approve and execute construction contract change orders up to a cumulative amount of \$31,980 for the Water Facility Improvement Project W13 - Willow Booster Station Valve Replacement.

