



# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

**BOARD OF PUBLIC UTILITIES**

**DATE:** SEPTEMBER 23, 2019

**ITEM NO:** 11

**SUBJECT:** BID NO. RPU-7692 FOR MISSION INN REZONING PIPELINE PROJECT FROM T.E. ROBERTS, INC., IN THE AMOUNT OF \$2,506,620 INCLUDING A 10% OR \$250,662 CHANGE ORDER AUTHORITY AND WORK ORDER NO. 1403310 IN THE AMOUNT OF \$3,625,000; BID NO. RPU-7693 FOR MISSION INN BOOSTER STATION PROJECT FROM S.C.W. CONTRACTING CORP., IN THE AMOUNT OF \$1,623,805 INCLUDING A 10% OR \$162,381 CHANGE ORDER AUTHORITY AND WORK ORDER NO. 1402756 IN THE AMOUNT OF \$2,120,000, FOR A TOTAL PROJECT COST OF \$5,745,000

**ISSUES:**

Award Bid No. RPU-7692 for the Mission Inn Rezoning Pipeline Project to T.E. Roberts, Inc., of Orange, California in the amount of \$2,506,620; Award Bid No. RPU-7693 for the Mission Inn Booster Station Project to S.C.W. Contracting Corp., of Fallbrook, California in the amount of \$1,623,805; Authorize a 10% change order authority for each project in the amounts of \$250,662 and \$162,381, respectively; and approve Work Order No. 1403310 for a capital expenditure of \$3,625,000 for Bid No. RPU-7692 and for Work Order No. 1402756 for a capital expenditure of \$2,120,000 for Bid No. RPU-7693, for a total project cost of \$5,745,000.

**RECOMMENDATIONS:**

That the Board of Public Utilities:

1. Award Bid No. RPU-7692 for the Mission Inn Rezoning Pipeline Project to T.E. Roberts, Inc., of Orange, California, in the amount of \$2,506,620;
2. Award Bid No. RPU-7693 for the Mission Inn Booster Station Project to S.C.W. Contracting Corp., of Fallbrook, California, in the amount of \$1,623,805;
3. Authorize change order authority in the amount of 10% or \$250,662 for Bid No. RPU-7692;
4. Authorize change order authority in the amount of 10% or \$162,381 for Bid No. RPU-7693;
5. Approve Work Order No. 1403310 for a capital expenditure of \$3,625,000 which includes all environmental documentation, design, construction, paving, contract administration, inspection, and construction change order authority costs for the Mission Inn Rezoning Pipeline Project;
6. Approve Work Order No. 1402756 for a capital expenditure of \$2,120,000 which includes all environmental documentation, design, construction, paving, contract administration, inspection, and construction change order authority costs for the Mission Inn Booster Station Project; and
7. Authorize the City Manager, or designee, to execute construction agreements and any other documents necessary to effectuate the projects described herein, as well as, the ability to make

minor non-substantive changes including changes to each of the work order amounts but not-to-exceed the cumulative project total of \$5,745,000 and in accordance with all purchasing policies.

## **BACKGROUND:**

On July 10, 2017, the Riverside Board of Public Utilities (Board) received a report outlining planned Electric and Water capital improvement projects for fiscal year 2017/18, which included the Mission Inn Booster Station and Pressure Rezoning Project (Project). Due to the reprioritization of projects, this project was postponed until the present time.

The Project will address issues of low water pressure, insufficient fire flow, booster station operational deficiencies, and aged and undersized water mains within portions of the surrounding Mount Rubidoux and Indian Hill neighborhoods. The Project includes replacement of the existing Rubidoux and Mary Evans Booster Stations with the proposed Mission Inn Booster Station and consolidating the Rubidoux 1066, Mary Evans 1150, and portions of the Gravity 997 hydraulic pressure zones into a single pressure zone.

The current Rubidoux Booster Station was constructed in 1966 and its mechanical and electrical equipment have exceeded their useful life. This station is the only station supplying the existing Rubidoux 1066 hydraulic pressure zone and its two (2) pumps are insufficient to provide the required fire flow to the existing pressure zone. The booster station is located adjacent to the Mount Rubidoux walking trail, which limits vehicular access by Water Operations personnel.

While the Mary Evans Booster Station currently meets the required maximum daily demand and fire flow requirements for the existing Mary Evans 1150 hydraulic pressure zone, the station lacks sufficient pumping redundancy to meet fire flow if its largest pump were to go offline. In addition, access to the booster station is limited due to its location within a subterranean vault within the Beacon Way public street right-of-way. Access to the station requires closing this portion of Beacon Way, impeding local residential access, as well as access for public safety services.

As part of the pump station installation, approximately 1,920 linear feet of replacement pipeline and approximately 3,300 linear feet of new pipeline will be installed within portions of Ninth Street, Allis Place, Beacon Way, Glenwood Drive, Miramonte Place, Mission Inn Avenue, Mt. Rubidoux Drive, and Redwood Drive.

Riverside Public Utilities (RPU) retained Albert A. Webb Associates to prepare the Initial Study (IS) as required under the California Environmental Quality Act (CEQA). Based on the findings in the IS, a Mitigated Negative Declaration (MND) was prepared along with a Mitigation Monitoring and Reporting Program. The program requires certain mitigation measures for the Project, including biological and archaeological monitoring of the Project site during construction.

Additionally, in accordance with the requirements of Assembly Bill 52 (AB 52), RPU provided written notification of the Project to all of the Native American tribes that requested to receive such notification. Of the tribes notified, the Morongo Band of Mission Indians and the Soboba Band of Luiseño Indians requested formal government-to-government consultation under AB 52. Consultation between a representative of the Soboba Band of Luiseño Indians and RPU took place on October 28, 2015 and a consultation between the Morongo Band of Mission Indians and RPU took place on November 10, 2015. The tribes requested that a Native American monitor affiliated with each tribe be present during initial ground disturbing activities at Loring Park, Ninth Street, Redwood Drive, and the decommissioning of the Rubidoux Booster Station, with further involvement if any tribal cultural resources are discovered. As such, RPU will enter into an agreement with each tribe for monitoring services during construction, fulfilling the obligations associated with AB 52.

On March 15, 2017, the Project was initially taken to the Cultural Heritage Board (CHB) for the approval of a Certificate of Appropriateness due to the proximity of the booster station to the historic Loring Park. The

CHB requested a continuation until May 17, 2017 and referred the Project proposal to a subcommittee of the CHB to work with staff on the aesthetic design of the booster station. Feedback from the subcommittee was incorporated and the Project was unanimously approved at the May 17, 2017 CHB meeting.

In exchange for the acquisition of approximately 4,000 square feet at Loring Park, RPU will be providing Loring Park with improved water pressure to facilitate irrigation of the park and will facilitate a metered electrical service. The proposal was presented in an oral update to the Park and Recreation Commission at their September 18, 2017 meeting.

On November 7, 2017, the Riverside City Council (Council) approved the acquisition of approximately 4,000 square feet of park property at Loring Park by RPU and adopted an MND and Mitigation Monitoring and Reporting Program, as well as issued a Certificate of Appropriateness for the Project.

This Project was previously advertised for construction bids on October 18, 2018. However, the two (2) bids received were higher than the budgeted amount for the Project; therefore, they were canceled by the Purchasing Services Manager.

On May 13, 2019, the Board recommended that the Council approve a mid-cycle budget adjustment for fiscal year 2019/20 that included additional funding for the Project. A public hearing was held and the Council subsequently approved the item on June 18, 2019.

## **DISCUSSION:**

The pipeline and booster station elements of this Project were bid as two (2) separate contracts in order to achieve efficiency by encouraging contractors with core competencies in each specialty area to bid the work.

The proposed scope of work for Bid No. 7692 includes the construction of approximately 2,530 linear feet of 12-inch ductile iron pipe, 2,570 linear feet of 8-inch ductile iron pipe, 20 linear feet of 6-inch ductile iron pipe, 9 fire hydrants, 25 water services, and 110 pressure reducing valves, along with all necessary fittings and appurtenances. The work also includes trench resurfacing in accordance with Riverside Public Works Department (PW) standards.

The proposed work for Bid No. 7693 includes the construction of a prefabricated concrete building, four 40 HP pumps and motors, electrical equipment, an electrical service, yard piping, site grading, landscaping, irrigation, abandonment of the existing Mary Evans and Rubidoux booster stations, and all other related incidental work.

The work for both projects will occur during daytime hours to avoid disturbing this residential neighborhood at night. Staff has reached out to certain customers who will be especially affected by the work and will continue to provide updates to customers as the work progresses. The work will not affect service to RPU water customers.

Bid No. RPU-7692 for the Mission Inn Rezoning Pipeline Project was posted on the City's Online Bid System on July 12, 2019, a pre-bid conference was held on July 18, 2019, and bids were opened on August 13, 2019. Six (6) construction contractors submitted bids. Staff evaluated the bids and deemed T.E. Roberts, Inc. to be the lowest responsive and responsible bidder.

The bids for Bid No. RPU-7692 are summarized in the table below:

<b>Vendors</b>	<b>City Location</b>	<b>Bid Amount</b>	<b>Rank</b>
<b>T.E. Roberts, Inc.</b>	<b>Orange, CA</b>	<b>\$2,506,620</b>	<b>1</b>
Ferreira Construction Company, Inc.	Rancho	\$2,686,875	2

	Cucamonga, CA		
C.P. Construction Company, Inc.	Ontario, CA	\$2,886,800	3
Trautwein Construction, Inc.	Rancho Cucamonga, CA	\$3,091,230	4
Weka, Inc.	Highland, CA	\$3,148,472	5
Christensen Brothers General Engineering, Inc.	Apple Valley, CA	\$3,664,850	6

*Engineer's Construction Cost Estimate:*

**\$2,920,000**

Bid No. RPU-7693 for the Mission Inn Booster Station Project was posted on the City's Online Bid System on July 15, 2019, a pre-bid conference was held on July 18, 2019, and bids were opened on August 22, 2019. Four (4) construction contractors submitted bids. Staff evaluated the bids and deemed S.C.W. Contracting Corp. to be the lowest responsive and responsible bidder.

The bids for Bid No. RPU-7693 are summarized in the table below:

<b>Vendors</b>	<b>City Location</b>	<b>Bid Total</b>	<b>Rank</b>
<b>S.C.W. Contracting Corp.</b>	<b>Fallbrook, CA</b>	<b>\$1,623,805</b>	<b>1</b>
Ferreira Construction Company, Inc.	Hemet, CA	\$1,702,760	2
Cora Constructors, Inc.	Palm Desert, CA	\$1,734,829	3
Aid Builders, Inc.	Los Alamitos, CA	\$3,078,500	4

*Engineer's Construction Cost Estimate*

**\$1,630,000**

The standard change order authority provided in Purchasing Resolution No. 23256 is 10% of the bid amount, not-to-exceed \$150,000. Due to the historic nature of the Project site, the unique coordination required, and the potential presence of unknown underground utilities in these older streets, staff recommends approving change order authority in the amount of 10% of each bid (\$250,662 for Bid No. RPU-7692 and \$162,381 for Bid No. RPU-7693). This will help provide better mitigation against any complications that may arise during construction, and ensure the project can still proceed on schedule.

The project/fiscal breakdown is as follows:

<b>Project and Fiscal Breakdown</b>		<b>W.O. No. 1403310 (Pipelines)</b>	<b>W.O. No. 1402756 (Booster Station)</b>	<b>Total Project</b>
<b>Work Type:</b>	<b>Performed By:</b>	<b>Amount:</b>	<b>Amount:</b>	<b>Amount:</b>
Environmental Documentation	Albert A. Webb Associates	\$0	\$61,813	\$61,813
Planning and Design	Internal Staff	\$213,244	\$104,501	\$317,745
Geotechnical Investigation	Hilltop Geotechnical, Inc.	\$7,000	\$0	\$7,000
Construction (Pipeline component)	T.E. Roberts, Inc.	\$2,506,620	\$0	\$2,506,620
Construction (Booster Station component)	S.C.W. Contracting Corp.	\$0	\$1,623,805	\$1,623,805
Construction Support, System Connections and Service Tie-overs	Internal Staff	\$360,000	\$10,000	\$370,000
Biological and Archaeological Monitoring Services	Rincon Consultants, Inc.	\$14,974	\$10,000	\$24,974

Native American Construction Monitoring Services	Soboba Band of Luiseño Indians	\$11,250	\$11,250	\$22,500
Native American Construction Monitoring Services	Morongo Band of Mission Indians	\$11,250	\$11,250	\$22,500
Engineering Support, Construction Management and Inspection	Internal Staff	\$200,000	\$100,000	\$300,000
Geotechnical and Materials Testing	Vendor to be Determined (Consultant Panel)	\$50,000	\$25,000	\$75,000
Construction Contingencies	N/A	\$250,662	\$162,381	\$413,043
<b>Work Order Totals:</b>		<b>\$3,625,000</b>	<b>\$2,120,000</b>	<b>\$5,745,000</b>
Reimbursements:	None			
<b>Anticipated Start Date:</b>	<b>October 2019</b>			
<b>Anticipated Duration:</b>	<b>9 Months</b>			

The table above identifies the parties that have performed and are expected to perform various portions of the Project. For brevity, certain contracts with vendors valued at less than \$10,000 have not been itemized in the table. Should there be a need to seek additional services using the formal procurement process, such items in excess of \$50,000, will be brought before the Board for consideration and action.

The Purchasing Manager concurs that the recommended actions are in compliance with Purchasing Resolution No. 23256.

The Parks, Recreation, and Community Services Director concurs with the recommended actions of this report.

### **FISCAL IMPACT:**

Sufficient funds in the amount of \$3,625,000 are available in the Public Utilities Water Main Replacement Account No. 6230000-470707 and sufficient fund in the amount of \$2,120,000 are available in the Public Utilities Water Pump Station Account No. 6230000-470802.

Prepared by: Todd L. Jorgenson, Utilities Assistant General Manager/Water  
 Approved by: Todd M. Corbin, Utilities General Manager  
 Approved by: Al Zelinka, FAICP, City Manager  
 Approved as to form: Gary G. Geuss, City Attorney

Certifies availability of funds: Brian Seinturier, Utilities Fiscal Manager

### **Attachments:**

1. Project Site Map
2. Bid Award Recommendation (Bid No. 7692)
3. Bid Award Recommendation (Bid No. 7693)
4. Presentation

Attachment 1: Project Site Map

