



# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

**BOARD OF PUBLIC UTILITIES**

**DATE:** JANUARY 8, 2018

**ITEM NO:** 7

**SUBJECT:** CONSTRUCTION OF THE MOCKINGBIRD CANYON PUMP STATION METER VAULT REPLACEMENT PROJECT – AWARD OF BID NO. RPU-7517 TO WEKA, INC. OF HIGHLAND, CALIFORNIA, IN THE AMOUNT OF \$97,987 – APPROVE WORK ORDER NO. 1801849 FOR \$203,000

**ISSUES:**

Award Bid No. RPU-7517 to Weka, Inc. of Highland, California, for the construction of the Mockingbird Canyon Pump Station Meter Vault Replacement Project in the amount of \$97,987 and approve the expenditure of \$203,000 for Work Order No.1801849.

**RECOMMENDATIONS:**

That the Board of Public Utilities:

1. Award a contract for the construction of the Mockingbird Canyon Pump Station Meter Vault Replacement Project – Bid No. RPU-7517 to the lowest responsive and responsible bidder, Weka, Inc. of Highland, California, in the amount of \$97,987; and
2. Approve the capital expenditure of \$203,000 for Work Order No. 1801849, which includes all design, construction, contract administration, inspection and construction contingency costs for the Mockingbird Canyon Pump Station Meter Vault Replacement Project.

**BACKGROUND:**

The Riverside Public Utilities (RPU) Board approved a Cooperative Agreement for Long-Term Wheeling and Surplus Water Sales (Wheeling Agreement) between the City of Riverside and Western Municipal Water District (WMWD) on April 24, 2017. RPU delivers water via a 30-inch metered connection located at WMWD's Mockingbird Canyon Pump Station. The purpose of the metered connection is to measure the quantity of water delivered to WMWD.

The passing of California Senate Bill SB 555 in October 2015 requires all urban retail water suppliers in the state to submit a completed and validated water loss audit annually to the California Department of Water Resources, starting in October 2017. Validation requires that meters or instruments be calibrated for accuracy. Furthermore, the current Wheeling Agreement requires Riverside to inspect and test the metering devices at least once per calendar year.

The existing vault and meter configuration needs to be modified, as it lacks the space, appurtenances and safety features necessary to easily access, inspect and calibrate the meter on an ongoing basis. In addition, the existing meter port needs to be replaced, as it is heavily corroded.



*Figure 1 – Existing Circular Vault and Meter at the Mockingbird Canyon Pump Station*

## **DISCUSSION:**

The work will entail removal and replacement of the existing circular vault with a larger rectangular vault equipped with a safety ladder, spring assisted lid, air vents, pipe support cradles and all other related incidental work.

The 30-inch cement mortar lined and coated steel pipeline will be shut down for a short period while the pipe is excavated and the support cradles are installed and the meter port is replaced. RPU City Forces will isolate and dewater the pipeline and will remove and reinstall a new meter port, along with the required calibration ports. City Forces will also be available to assist as needed during the shutdown period.

Staff has coordinated the required shutdown with WMWD to occur during a minimally disruptive timeframe.

The work will occur during daytime hours. The work will not affect service to RPU water customers.

Bid RPU-7517 was advertised on November 16, 2017, and the bids were opened on December 5, 2017. Four construction contractors submitted bids. Staff has determined that Weka, Inc. submitted the lowest responsive bid. Staff has reviewed all provided documentation and has determined that Weka, Inc. has met all of the requirements of the specifications.

The table below summarizes the four bids received:

	<b><u>COMPANY</u></b>	<b><u>CITY LOCATION</u></b>	<b><u>BID TOTAL</u></b>
1.	<b>Weka, Inc.</b>	<b>Highland, CA</b>	<b>\$97,987</b>
2.	Fleming Environmental Inc.	Fullerton, CA	\$138,748
3.	AToM Engineering Construction, Inc.	Hemet, CA	\$142,398
4.	Pyramid Building & Engineering Inc.	Hesperia, CA	\$158,500

► *Engineer's Construction Cost Estimate \$99,800*

The Purchasing Manager concurs that the recommended actions comply with the City of Riverside's Purchasing Resolution No. 23256.

The project breakdown is as follows:

<b>Project Breakdown:</b>	
Engineering Performed By:	RPU Engineering staff
Construction to be Performed By:	Weka, Inc.
Anticipated Start Date:	February 2018
Anticipated Duration:	3 months
Coordination Required With:	<ul style="list-style-type: none"> <li>▪ RPU Water Operations</li> <li>▪ RPU Water Field Crews</li> <li>▪ Western Municipal Water District</li> </ul>
Reimbursements:	None

The expenditure for Work Order No. 1801849 is estimated to be \$203,000 as summarized in the following table:

<b>Description</b>	<b>Cost</b>	<b>Percent of Total</b>
Design	\$20,013	9.9%
Construction (Weka, Inc.)	\$97,987	48.3%
Construction Contingencies	\$10,000	4.9%
City Forces Construction Support	\$50,000	24.6%
Construction Management and Engineering Support	\$10,000	4.9%
Inspection and Geotechnical Testing	\$15,000	7.4%
<b>Work Order Total</b>	<b>\$203,000</b>	<b>100.0%</b>

### **FISCAL IMPACT:**

Sufficient funds are available in the Public Utilities' Facility Rehabilitation Account No. 6230000-470803.

Prepared by: Todd L. Jorgenson, Utilities Assistant General Manager/Water  
 Approved by: Girish Balachandran, Utilities General Manager  
 Approved by: John A. Russo, City Manager  
 Approved as to form: Gary G. Geuss, City Attorney

Certifies availability of funds: Laura M. Nomura, Utilities Assistant General Manager/Finance

Attachments:

1. Bid Award Recommendation
2. Presentation

