

# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

**BOARD OF PUBLIC UTILITIES**

**DATE:** MAY 22, 2017

**ITEM NO:** 9

**SUBJECT:** DEMOLITION OF THE ABANDONED MARY EVANS BOOSTER STATION – AWARD OF BID NO. RPU-7476 TO BHL INDUSTRIES, INC. OF LYNWOOD, CALIFORNIA, IN THE AMOUNT OF \$63,125 – APPROVE WORK ORDER NO. 1702588 FOR \$112,000

**ISSUES:**

Award Bid No. RPU-7476 to BHL Industries, Inc. of Lynwood, California, for the Demolition of the Abandoned Mary Evans Booster Station in the amount of \$63,125; and approve the expenditure of \$112,000 for Work Order No. 1702588.

**RECOMMENDATIONS:**

That the Board of Public Utilities:

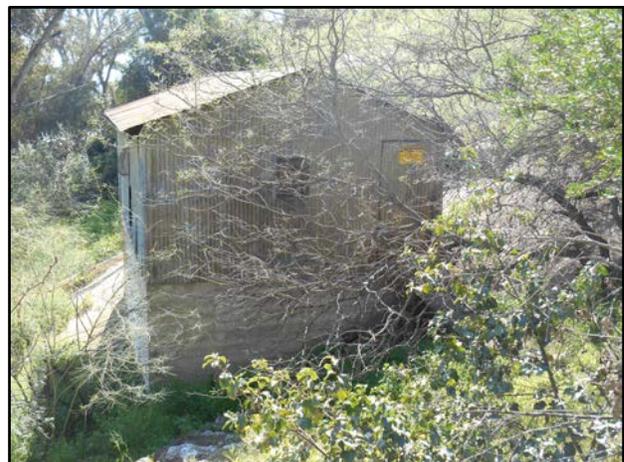
1. Award a contract for the Demolition of the Abandoned Mary Evans Booster Station – Bid No. RPU-7476 to the lowest responsive and responsible bidder, BHL Industries, Inc. of Lynwood, California, in the amount of \$63,125; and
2. Approve the capital expenditure of \$112,000 for Work Order No. 1702588, which includes all design, construction, contract administration, inspection, and construction contingency costs for the Demolition of the Abandoned Mary Evans Booster Station.

**BACKGROUND:**

The Mary Evans Booster Station was originally constructed in 1932 to serve water customers residing on “little” Mount Rubidoux, a small hill directly northeast of Mount Rubidoux. In 2004, a new booster station was constructed, and the original Mary Evans Booster Station was abandoned. The sides of the original booster station have tall walls, creating a potential fall hazard.



*Figure 1 - Abandoned Booster Station (East wall)*



*Figure 2 - Abandoned Booster Station (North wall)*

The booster station has been identified as a liability to RPU and needs to be demolished.

**DISCUSSION:**

The work will entail the demolition and disposal of the abandoned building and related appurtenances, which include a wood framed structure with steel cladding, a concrete slab and foundation walls, a steel pressure vessel, old piping and other related miscellaneous items.



Figure 3 – Abandoned Steel Pressure Vessel

The work will not affect service to RPU water customers.

Bid RPU-7476 was advertised on April 4, 2017, and the bids were opened on April 24, 2017. Ten construction contractors submitted bids. Staff has determined that the lowest responsive bid was submitted by BHL Industries, Inc. Staff has reviewed all provided documentation and has determined that BHL Industries, Inc. has met all of the requirements of the specifications. The bid was within the engineer’s estimated amount of \$150,000.

The ten bids received are summarized in the table below:

	<u>COMPANY</u>	<u>CITY LOCATION</u>	<u>BID TOTAL</u>
1.	<b>BHL Industries, Inc.</b>	<b>Lynwood, CA</b>	<b>\$63,125.00</b>
2.	Ampco Contracting Inc	Anaheim, CA	\$123,581.00
3.	CHI Construction	Anaheim, CA	\$137,225.00
4.	Epsilon Engineering	Moreno Valley, CA	\$140,000.00
5.	Interior Demolition, Inc.	Montrose, CA	\$145,000.00
6.	SCW Contracting Corp.	Fallbrook, CA	\$164,500.00
7.	Hemet Mfg. Co. Inc. dba Genesis Construction	Hemet, CA	\$195,700.00
8.	Trautwein Construction	Riverside, CA	\$199,000.00
9.	AToM Engineering Construction, Inc.	Hemet, CA	\$276,398.00
10.	C.P. Construction Co., Inc.	Ontario, CA	\$285,000.00

► *Engineer's Construction Cost Estimate \$150,000*

The lowest bid was significantly lower than the other bids received mostly due to much better than average pricing for demolishing and disposing of the concrete portion of the building. Staff has reached out to the lowest bidder and has confirmed they are committed to completing the work in accordance with the plans and specifications.

The Purchasing Services Manager concurs that the recommended actions comply with the City of Riverside’s Purchasing Resolution No. 22576.

The project breakdown is as follows:

<b>Project Breakdown:</b>	
Engineering Performed By:	RPU Engineering staff
Construction Performed By:	BHL Industries, Inc.
Anticipated Start Date:	July 2017
Anticipated Duration:	3 weeks
Coordination Required With:	<ul style="list-style-type: none"> <li>▪ RPU Field Forces</li> <li>▪ Adjacent Property Owners</li> </ul>
Reimbursements:	None

The total capital expenditure for Work Order No. 1702588 is estimated to be \$112,000 as summarized in the following table:

<b>Description</b>	<b>Cost</b>	<b>Percent of Total</b>
Design	\$6,875.00	6.1%
Construction (BHL Industries, Inc.)	\$63,125.00	56.4%
Construction Contingencies	\$10,000.00	8.9%
Field Forces Construction Support	\$20,000.00	17.8%
Construction Management and Engineering Support	\$6,000.00	5.4%
Inspection	\$6,000.00	5.4%
<b>Work Order Total</b>	<b>\$112,000.00</b>	<b>100.0%</b>

**FISCAL IMPACT:**

Sufficient funds are available in the Public Utilities' Water Maintenance and Repair Account No. 6205000-424130.

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 Chavez-Nomura, Utilities Assistant General Manager/Finance

**Attachments:**

1. Presentation
2. Bid Recommendation

