



# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

**BOARD OF PUBLIC UTILITIES**

**DATE:** December 10, 2018

**ITEM NO:** 7

**SUBJECT:** BID No. RPU-7623 – GRANULAR ACTIVATED CARBON REMOVAL AND REPLACEMENT AT THE PALMYRITA WATER TREATMENT FACILITY - AGREEMENT WITH PROMINENT SYSTEMS, INC. IN THE AMOUNT OF \$958,600

**ISSUE:**

Award Bid No. RPU-7623 for Granular Activated Carbon Removal and Replacement at the Palmyrita Water Treatment Facility to Prominent Systems, Inc., of Industry, California, for a three-year contract beginning January 1, 2019 and ending December 31, 2021, in the amount of \$958,600.

**RECOMMENDATIONS:**

That the Board of Public Utilities:

1. Award Bid No. RPU-7623 for Granular Activated Carbon Removal and Replacement at the Palmyrita Water Treatment Facility to Prominent Systems, Inc., of Industry, California, for a three-year contract beginning January 1, 2019 and ending December 31, 2021, in the amount of \$958,600; and
2. Authorize the City Manager, or his designee, to execute the necessary contract documents.

**BACKGROUND:**

The Palmyrita Water Treatment Facility (Palmyrita) removes organic compounds 1, 2-dibromo-3-chloropropane and 1,2,3-Trichloropropane from groundwater produced in the North Orange well field. Treatment is achieved by using granular activated carbon (GAC) to absorb the organic compounds, which is the United States Environmental Protection Agency approved drinking water treatment method. Approximately 2.5 billion gallons of groundwater are treated annually at Palmyrita for domestic use.

The contract is for three years, with a term ending December 31, 2021, and it is anticipated that there will be approximately 50 GAC removal and replacement events during this time. Approximately 16 removal and replacement events occur annually. The scope of work includes all work needed to replace up to 20,000 pounds of GAC at each vessel, including: 1) removing and legally disposing of spent carbon, 2) inspecting and disinfecting the vessels, and 3) adding virgin carbon into the vessels.

## **DISCUSSION:**

Bid No. RPU 7623, Granular Activated Carbon Removal and Replacement, was posted on the City's Online Bid System on October 2, 2018 and closed October 17, 2018. Three vendors submitted bids for the specified project. Staff evaluated the bids and deemed Prominent Systems, Inc. of Industry California to be the lowest responsive and responsible bidder.

The bid summary is listed below.

<b>Vendors</b>	<b>City Location</b>	<b>Bid Amount</b>	<b>Rank</b>
<b>Prominent Systems, Inc.</b>	<b>Industry, CA</b>	<b>\$958,600</b>	<b>1</b>
Carbon Activated Corp	Compton, CA	\$1,208,000	2
Calgon Carbon Corporation.	Pittsburgh, PA	\$1,647,850	3

The project breakdown is proposed as follows:

<b>Project Breakdown</b>	
Specifications Performed By:	RPU Engineering Staff
Services Performed By:	Prominent Systems, Inc
Coordination Required With:	RPU Water Operations Staff Prominent Systems, Inc.
Reimbursements:	Shell Oil Company, et al.
<b>Anticipated Start Date</b>	<b>January 2019</b>
<b>Anticipated Duration</b>	<b>Three Years</b>

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

## **FISCAL IMPACT:**

The total fiscal impact is \$159,766.67 and \$319,533.33 for fiscal years 2018-19 and 2019-20, respectively. Sufficient funds are available in Public Utilities' Chemical Supplies Account No. 6200000-426600 for both fiscal years. The remaining \$479,300 will be included as part of the budget process during the next budget cycle. The costs for GAC removal and replacement are reimbursed in accordance with a settlement agreement reached between the City of Riverside and DBCP manufacturers (Shell Oil Company, et al.) that covers most of the City's costs associated with the carbon removal and replacement.

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

Certifies availability  
 of funds: Aileen Ma, Interim Utilities Assistant General Manager/Finance & Administration

Attachments:

1. Bid Award Recommendation
2. Services Agreement with Prominent Systems, Inc. for Granular Activated Carbon Removal and Replacement
3. Corporate Resolution Granting Signing Authority
4. Presentation