

# BID NO. 8193 - GRANULAR ACTIVATED CARBON REMOVAL AND REPLACEMENT AT THE PALMYRITA WATER TREATMENT FACILITY

#### **Riverside Public Utilities**

Board of Public Utilities October 27, 2025

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#### **BACKGROUND**

- 1. Palmyrita Water Treatment Facility removes organic compounds 1, 2-dibromo-3-chloropropane and 1,2,3-Trichloropropane from groundwater produced in North Orange well field
- 2. Treatment is achieved by using granular activated carbon (GAC) to adsorb organic compounds, which is US EPA approved drinking water treatment method



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### **BACKGROUND**

- 3. Approximately 2.5 billion gallons of groundwater are treated annually at Palmyrita for domestic use
- 4. 3-year contract includes approximately 50 GAC removal and replacement events or approximately 16 removal and replacement events each year



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### **BACKGROUND**

- 5. Work includes replacing 20,000 lbs. of GAC per vessel
  - a) Removing and legally disposing of spent carbon
  - b) Inspecting and disinfecting the vessels
  - c) Adding virgin or reactivated carbon into the vessels



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# **DISCUSSION**

- 1. Bid No. 8193 for Granular Activated Carbon Removal and Replacement was posted on the City's Online Bid System on July 31, 2025, and closed August 22, 2025.
- 2. Two vendors submitted bids for the specified project.
- 3. Calgon Carbon Corporation was lowest responsive bidder.

Vendors	City Location	Bid Amount	Rank
Calgon Carbon Corporation	Moon Township, PA	\$1,836,270	1
Carbon Activated Corp.	Compton, CA	\$2,172,192	2



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#### **PROJECT BREAKDOWN**

PROJECT INFORMATION:	PERFORMED BY:	
Specifications Performed By:	RPU Engineering Staff	
Services Performed By:	Calgon Carbon Corporation	
Reimbursements:	Shell Oil Company, et al.	
Anticipated Start Date:	January 1, 2026	
Anticipated Duration:	Three Years	



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# **RECOMMENDATION**

That the Board of Public Utilities:

- Award Bid No. 8193 for Granular Activated Carbon Removal and Replacement at the Palmyrita Water Treatment Facility to Calgon Carbon Corporation, for a three-year contract beginning January 1, 2026, and ending December 31, 2028, in the amount of \$1,836,270; and
- 2. Authorize the City Manager, or designee, to execute all documents necessary to effectuate the purchase, including making minor and non-substantive changes.

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