



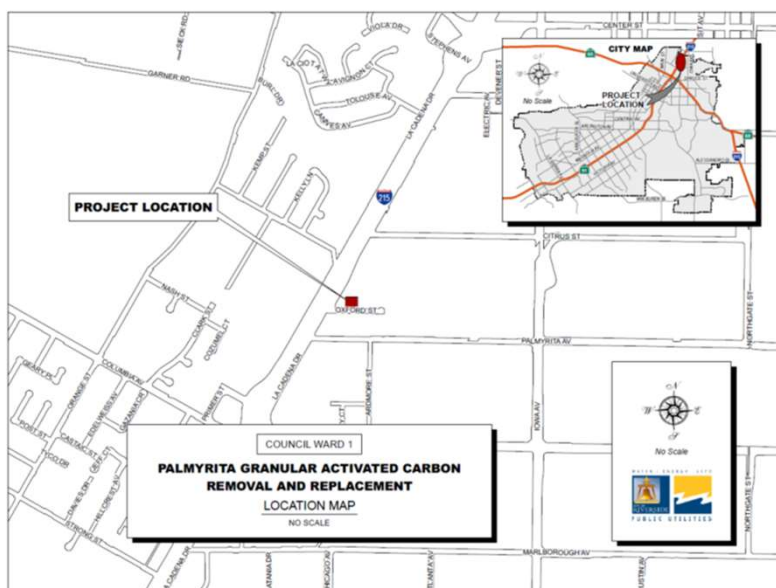
# Bid No. RPU – 7623 GRANULAR ACTIVATED CARBON REMOVAL AND REPLACEMENT

Riverside Public Utilities

Board of Public Utilities  
December 10, 2018

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## PROJECT LOCATION MAP



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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 absorb 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
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 carbon into the vessels



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## PALMYRITA WATER TREATMENT FACILITY VESSELS



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## DISCUSSION

1. October 2, 2018 – Advertised Bid No. RPU-7623 for GAC removal and replacement
  - a. Bids were opened on October 17, 2018
2. Prominent Systems, Inc. was lowest responsive and responsible bidder
3. All documentation was reviewed and determined that Prominent Systems, Inc. has met all specification requirements



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## PROJECT BREAKDOWN

Project Breakdown	
Specifications Performed By:	RPU Engineering Staff
Services Performed By:	Prominent Systems, Inc
Reimbursements:	Shell Oil Company, et al.
Anticipated Start Date	January 2019
Anticipated Duration	Three Years



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## 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.



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