



**Board of Directors
October 7, 2020**

SUBJECT:

Approve and Authorize Award of Contract with Carbon Activated Corporation (\$556,765) Under Specification No. 1398-REBID, Microwave Tower: Broderson, Hunter, Sky Mesa Project, and Additional Appropriation of \$733,000

BACKGROUND:

The District's business telecommunication network provides service for data, phones, cameras, and security systems. The business network is accessible from water reclamation facilities, water production facilities and other remote facilities including the customer service call center. As the District increases utilization of telecommunication services, network reliability and service redundancy has become a critical business requirement.

The District's bandwidth needs and its reliance on network connectivity for the business network and security/access control systems has increased dramatically over the past ten years. The District needs to improve system reliability, scalability, and capacity by utilizing a fully redundant telecommunication network architecture.

This proposed project will construct three communication towers at three tanks site across the District's service area in order to provide an upgraded and secure communication network (Exhibit A).

On June 15, 2020, bids from two pre-qualified contractors were received under Specification No. 1398, Microwave Tower: Broderson, Hunter, and Sky Mesa Project. One of the bids was deemed non-responsive and the other bid significantly exceeded the engineer's estimate. The District elected to reject all bids received, revise the contract documents, and rebid the project.

On September 3, 2020, the District received bids under Specification No. 1389-REBID. As shown on the attached summary of bids (Exhibit B), Carbon Activated Corporation, of Compton, California, submitted the lowest responsive and responsible bid, in the amount of \$556,765. The engineer's estimate for this project was \$635,000.

The total project cost through administrative closeout is estimated at \$763,000 per the attached project cost estimate (Exhibit C).

FINANCIAL IMPACT:

This project will be financed from the General District Replacement System Betterment Fund.

STRATEGIC PLANNING GOAL/OBJECTIVE:

Information Technology Investments: Implement information technology capital investments to achieve efficiency, effectiveness and resource optimization entity wide.

ENVIRONMENTAL IMPACT:

The project is exempt from the California Environmental Quality Act (CEQA) as authorized under the California Code of Regulations, Title 14, Chapter 3, Section 15303 and Section 15304 construction of small structures and minor alteration to land, respectively.

RECOMMENDATION:

Approve and authorize the following:

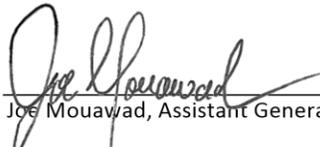
1. Execution by the General Manager, or his designee, of the District's standard form of contract with the lowest responsive bidder, Carbon Activated Corporation, in the amount of \$556,765;
2. Administrative Award and Execution by the General Manager, or his designee, of the District's standard form of contracts with the necessary consultants and suppliers for engineering support during construction and implementation of the Microwave Tower: Broderon, Hunter, Sky Mesa Project; and
3. Additional appropriation of \$733,000, which brings the total estimated project cost to \$763,000.

SUBMITTED BY:



Paul D. Jones II, P.E., General Manager

9/15/2020



Joe Mouawad, Assistant General Manager

9/13/2020

Attachment(s):

Exhibit A - Location Map

Exhibit B - Final Bid Summary

Exhibit C - Cost Estimate

Presentation

History:

09/24/20

Board Operations and Engineering Committee

RECOMMENDED FOR

APPROVAL

10/07/20 Board Meeting

Staff Contact: Edward Serna