

RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: MARCH 9, 2020

ITEM NO: 6

SUBJECT: SUPPLEMENTAL AGREEMENT WITH CDM SMITH, INC. IN RESPONSE TO REQUEST FOR PROPOSAL FOR RIVERSIDE PUBLIC UTILITIES PRAED BOOSTER HYDRAULIC TRANSIENT AND STATION SURGE ISSUES IN AN AMOUNT NOT TO EXCEED \$82,370 PLUS A 10% OR \$8,237 CHANGE ORDER AUTHORITY AND WORK ORDER NO. 2016310 FOR A TOTAL EXPENDITURE OF \$120,607

ISSUES:

Approve a Supplemental Agreement with CDM Smith, Inc. of Carlsbad, California, in response to a Request for Proposals for Riverside Public Utilities Praed Booster Hydraulic Transient and Station Surge Issues in an amount not to exceed \$82,370.00; authorize a 10% or \$8,237 change order authority for the project; and approve Work Order No. 2016310 for a total expenditure of \$120,607.

RECOMMENDATIONS:

That the Board of Public Utilities:

1. Approve a Supplemental Agreement with CDM Smith, Inc. in response to a Request for Proposals for Riverside Public Utilities Praed Booster Hydraulic Transient and Station Surge Issues, in an amount not to exceed \$82,370.00;
2. Authorize change order authority in the amount of 10% or \$8,237 for Riverside Public Utilities Praed Booster Hydraulic Transient and Station Surge Issues;
3. Approve Work Order No. 2016310 for a total expenditure of in the amount of \$120,607 which includes CDM Smith, staff support and change order authority costs for Riverside Public Utilities Praed Booster Hydraulic Transient and Station Surge Issues; and
4. Authorize the City Manager, or designee, to execute the Supplemental Agreement with CDM Smith, Inc. of Carlsbad, California, including making minor and non-substantive changes and to sign all documents and instruments necessary to complete the transactions.

BACKGROUND:

The Praed pressure zone is a small closed zone that operates without the support of a water supply reservoir and is solely supplied with water from the Praed Booster Station. The Praed Booster Station was built in 1987 and has since experienced additional development over time. In late 2015, customers in a newly developed housing tract began to experience inconsistent pressure issues and at times had low pressure. Staff investigated and was able to rectify most of the issues; however, minor pressure issues

still occur periodically.

DISCUSSION:

On October 7, 2019, a Request for Proposals (RFP) was sent to Consultant Panel members for the Praed Booster Hydraulic Transient and Station Surge Issues. The intent of the RFP was to seek qualified engineering firms to evaluate and propose solutions to address the remaining pressure issues in the Praed pressure zone. The consultant will evaluate the existing Praed Booster Pump Station hydraulics, the control sequencing for the booster pumps, and recommend any necessary system adjustments.

Two (2) consulting firms responded to the RFP. The firms were Westin Technology Solutions, LLC and CDM Smith, Inc. Designated staff members reviewed the proposals based on the criteria described in the RFP. A predetermined scoring methodology, as outlined in the RFP, was utilized to rank each proposal. Based on the final scores, staff recommends CDM Smith, Inc. as the best consultant to perform the work based on their qualifications, experience, and project approach.

The City of Riverside currently has an executed Master Agreement for Professional Consultant Services with CDM Smith, Inc. executed on Sept 12, 2018. The negotiated Supplemental Services Agreement for this work with CDM Smith, Inc. is in an amount not to exceed \$82,370.

The two (2) proposals received are summarized in the table below:

Rank	Consultant	City Location	Fee Amount
1.	CDM Smith, Inc.	Carlsbad, CA	\$82,370.00
2.	Westin Technologies Solutions, LLC	San Marcos, CA	\$99,442.40

The project breakdown is proposed as follows:

Project Breakdown	
RPU Praed Booster Hydraulic Transient and Station Surge	CDM Smith, Inc.
Anticipated Start Date:	March 2020
Anticipated Duration:	3 Months
Coordination Required With:	RPU Water Operations staff
Reimbursements:	None

The total project cost is estimated at \$120,607, which is detailed below:

Description	Cost
Consultant Work by CDM Smith, Inc.	\$82,370
RPU Water Operation Staff and Inspection Support	\$30,000
Contingencies	\$8,237
Work Order Total	\$120,607

The Purchasing Manager concurs that the recommended actions comply with Purchasing Resolution No. 23256.

FISCAL IMPACT:

The total fiscal impact is \$120,607. Sufficient funds are available in Public Utilities Professional Services Account No. 6210000-421000 for Fiscal Year 2019-20.

Prepared by: Todd Jorgenson, Utilities Assistant General Manager/Water
Approved by: Todd M. Corbin, Utilities General Manager
Approved by: Al Zelinka, City Manager
Approved as to form: Gary G. Geuss, City Attorney

Certifies availability
of funds: Brian Seinturier, Utilities Fiscal Manager

Attachments:

1. Project Location Map
2. RFP Award Recommendation
3. Master Agreement for Professional Consultant Services
4. Supplemental Agreement with CDM Smith.
5. Presentation