

Council Meeting Staff Report

July 30, 2019

Agenda No.:	A.
Indexes (Council Goals):	* 2019 Council Goal - Investing in Infrastructure
Presenters:	James Alarid
Legislative File:	AGR0620-19

Title

Approval of Services Agreement No. AGR19-47 with Bohannon Huston in the amount of \$2,049,289.00, plus Applicable Gross Receipts Tax, for the Purpose of the Design of the White Rock Wastewater Treatment Plant and Consideration of Budget Revision 2020-05.

Recommended Action

I move that Council approve Services Agreement No. AGR19-47 with Bohannon Huston in the amount of \$2,049,289.00 and a contingency in the amount of \$102,464.00, for a total of \$2,151,753.00, plus applicable gross receipts tax, for the purpose of the Design of the White Rock Wastewater Treatment Plant. I further that Council approve Budget Revision 2020-05 and that it be included in the minutes for the record.

Utilities Manager's Recommendation

The Utilities Manager recommends that Council approve the agreement as requested.

Board, Commission or Committee Recommendation

The Board of Public Utilities recommends that Council approve the agreement as requested.

Body

Execution of this agreement will begin the process to replace the White Rock Wastewater Treatment Plant. The Department of Public Utilities (DPU) received six proposals in response to the request for proposals to perform the design of the new plant and provide construction engineering support during construction. The top three firms were interviewed and Bohannon Huston was selected as the top respondent based on their project approach, extensive experience of their design team and understanding of the project needs which will result in the best value to the County. The project will be initiated with a value engineering and risk assessment task which will evaluate the available treatment process equipment, plant configuration and identify the various risks associated with the construction of the new plant and alleviate to the extent possible in design and bidding.

The agreement consists of three distinct tasks. The first is the value engineering, design analysis and construction document preparation for an amount of \$962,774. The construction services will consist of providing full-time construction inspection, submittal review and approval, construction administration, bid evaluation, start-up support and preparation of operation and maintenance manuals. These construction services will be provided for \$777,990.

In addition to the engineering tasks above, the DPU has elected to have the engineer provide the following services that are usually performed by the construction contractor. Engineer will provide the controls hardware/software and perform the controls system integration for an amount of \$209,510. The Engineer has a highly qualified staff who performs controls integration for wastewater plants which will bring efficiency and accountability to this challenging aspect of the project. In addition, the Engineer will provide all of the materials testing during construction for \$65,000. The Engineer will provide a qualified testing technician and associated specialty equipment to provide third party testing of the contractor's work and materials used on the project. The Engineer will provide support to DPU operators on an as needed basis for the first year of operation and perform a one year

warranty inspection. This task will be on an hourly basis for an amount not to exceed \$34,015. The costs of these three tasks will offset construction cost by the same amount and will provide the value of having third party quality assurance testing, facilitate start-up of the new plant and provide support during the critical first year of operation.

Alternatives

If the agreement is not approved a new request for proposals will be issued to procure the same engineering services.

Fiscal and Staff Impact/Planned Item

The project will be funded by a Clean Water State Revolving Loan which has been secured by the DPU. Budget Revision 2020-05 is included in this action to authorize budget for the agreement.

Attachments

A - AGR19-47

B - Budget Revision 2020-05