



**PUBLIC SERVICE BOARD MEETING
AGENDA ITEM**

**REGULAR MEETING
Wednesday, October 11, 2017**

SUBJECT

Engineering Selection for the Canal Water Treatment Plant Raw Water Intake Screens and Structural Improvements

BACKGROUND

The Robertson/Umbenhauer (Canal Water Treatment Plant) consists of the Robertson (Plant 1) Water Treatment Plant completed in 1942 and rated at 20 MGD and Umbenhauer (Plant 2) completed in 1966 and rated at 20 MGD. Improvements are required for the removal and replacement of the existing raw water intake screening units and debris removal equipment. The addition of a third screen will provide a rated capacity of 42 MGD with two screens operating and one 21 MGD screen as a standby.

EVALUATION PROCESS

The Architectural/Engineering Selection Advisory Committee met on July 13, 2017, to review and recommend selection of the engineering firm for the above-referenced project. The committee consisted of Ivonne Santiago, Bradley Roe, Alan Shubert, Fernie Rico, and Gilbert Trejo. Proposals were scored in the areas of technical competence, project approach, team organization and availability, and project management and quality control. Carollo Engineers was selected as the firm that best meets the needs of EPWater for these important services and demonstrated excellent abilities in all the evaluated categories. This firm is the most qualified.

Staff worked with Carollo Engineers to develop the scope of services required for this project. A fee proposal from the consulting firm associated with the scope of services was submitted, reviewed, and negotiated with the consultant for the defined scope of work. The scope of work includes design and bid phase services. A task order for construction management services will be negotiated and issued prior to bid phase services. The negotiated fee is in line with the level of effort required to complete the task and consistent with similar work completed recently.

FINANCIAL IMPLICATIONS

Sufficient funds for design and bid phase services in the amount of \$384,000 are available in account number 1217-080, and the funding source is the Improvement Fund. Future task orders that will include construction management services will be negotiated in future years when funding is approved and are estimated at \$600,000.

PROPOSED ACTION REQUESTED

Approve a professional engineering services contract for the Canal Water Treatment Plant Raw Water Intake Screens and Structural Improvements to Carollo Engineers in the amount of \$384,000, for design and bid services, and further authorize future task orders to be issued under this contract to include construction management services, in an estimated amount of \$600,000, provided that funding is available in the approved budget for the task orders.

SUPPORTING DOCUMENTATION PROVIDED

J N/A