



el paso
WATER

**PUBLIC SERVICE BOARD MEETING
AGENDA ITEM
REGULAR MEETING**

Wednesday, November 09, 2022

SUBJECT

Engineering Selection for Construction Management Services for the Roberto R. Bustamante Wastewater Treatment Plant Expansion and Upgrades – Construction Management At-Risk (CMAR) Project - RFS 95-22

BACKGROUND

The Roberto R. Bustamante Wastewater Treatment Plant (RRBWWTP) was designed for a treatment capacity of 39 MGD in 1991. The Texas Commission on Environmental Quality requires planning an expansion to the wastewater treatment plant once 75% of the plant's flow capacity is exceeded for three consecutive months. RRBWWTP is nearing 75% of permitted flow due to east El Paso development. Studies require EPWater to expand the plant capacity to 51 MGD.

The plant expansion design is 30% complete. Construction is scheduled to begin in mid-2023 and to be completed in late 2026. The project will be delivered using the alternative delivery method Construction Manager-At-Risk (CMAR) and the CMAR for preconstruction services was approved by the Public Service Board on July 13, 2022. At 90% design, the CMAR will deliver a Guaranteed Maximum Price (GMP) proposal to construct the project. If the GMP proposal is acceptable to EPWater, an award of the construction contract will be presented to the Public Service Board for approval. Multiple GMPs are anticipated for this project, including an Early Work Package that may be funded in late 2022.

This contract is for Construction Management services during the CMAR preconstruction and construction phases. The scope of work includes 1) Construction Management services, with major tasks being to represent and advise the Owner during the design and resolution of problems due to field conditions encountered and to provide field engineering support services; and 2) Field Engineering and Inspection services with a major task being to provide a Full-time Resident Project Representative (RPR) for daily construction inspection and to assist in the enforcement of specified contract requirements.

STRATEGIC OBJECTIVES SUPPORTED

Improve Efficiency

EVALUATION PROCESS

EPWater received five proposals for the referenced project on September 4, 2022. The Architectural/Engineering Selection Advisory Committee met on October 12, 2022, to review and recommend the selection of the engineering firm for these services. The committee consisted of Ivonne Santiago, Charlie Intebi, Marcela Navarrete, Paul Rivas, Irazema Rojas, and Gilbert Trejo. The proposals were scored in the areas of project approach, meeting minimum qualifications, proposed project team, past project experience, firm availability, and project references. The committee selected Jacobs Engineering Group, Inc. as the highest-ranked, most qualified firm to provide the services needed for this project.

Staff worked with Jacobs Engineering Group, Inc. to develop the scope of services required for this project. A fee proposal associated with the scope of services was submitted, reviewed, and negotiated with the Consultant for the defined scope of work. The negotiated fees align with the level of effort required to complete the task and are consistent with similar work completed recently.

FINANCIAL IMPLICATIONS

Sufficient funds are available in Account Number 3496, and the funding source is the 2022 Water and Sewer Construction Bond Fund.

PROPOSED ACTION REQUESTED

Consider and award a professional engineering services contract for Construction Management Services for the Roberto R. Bustamante Wastewater Treatment Plant Expansion and Upgrades - Construction Management At-Risk Project – RFS 95-22 to Jacobs Engineering Group, Inc. in the amount of \$250,000; authorize future task orders or amendments to be issued under this contract for additional construction phase services in the estimated amount of \$12,000,000 provided that funding is available in the approved budget for the task orders or amendments.

SUPPORTING DOCUMENTATION PROVIDED

- None