



Recommendation for Action

File #: 19-3109, **Agenda Item #:** 6.

10/17/2019

Posting Language

Authorize negotiation and execution of a professional services agreement with Carollo Engineers, Inc., (staff recommendation) or one of the other qualified responders for Request for Qualifications Solicitation No. CLMP271 to provide engineering services for the Walnut Creek Wastewater Treatment Plant Headworks Improvements project in an amount not to exceed \$1,000,000.

[Note: This contract will be awarded in compliance with City Code Chapter 2-9B (Minority Owned and Women Owned Business Enterprise Procurement Program) with 15.80% MBE and 15.80% WBE participation.]

Lead Department

Capital Contracting Office

Managing Department(s)

Austin Water

Fiscal Note

Funding is available in the Fiscal Year 2019-2020 Capital Budget of the Austin Water.

Purchasing Language:

Staff recommendation is the most qualified firm out of four firms evaluated through the City's qualification-based selection process.

For More Information:

Inquiries should be directed to the City Manager's Agenda Office, at 512-974-2991 or AgendaOffice@austintexas.gov.

NOTE: Respondents to this solicitation, and their representatives, shall direct inquiries to Rolando Fernandez, 512-974-7749, Beverly Mendez, 512-974-3596, or the Project Manager, Rebecca Vento, 512-972-1455.

Council Committee, Boards and Commission Action:

To be reviewed by the Water and Waste Water Commission on October 9, 2019.

Additional Backup Information:

The purpose of this project is to rehabilitate and make improvements to Headworks No. 1 at Walnut Creek Wastewater Treatment Plant (WWTP). The mechanical and electrical components of Headworks No. 1 are original to the 1977 construction, and the majority are beyond their useful life. To increase process reliability and to prepare the plant for future flows, Headworks No. 1 will need to be improved and modified to treat 75 million gallons per day (MGD) average and 150 MGD peak flow, with a 190 MGD wet weather flow (hydraulic) capacity.

Currently, all influent flow is directed to Headworks No. 2. Therefore, there is a window of opportunity to rehabilitate Headworks No. 1 before the influent flow exceed Headworks No. 2 capacity. If the project is

delayed and the influent flows exceed the capacity of Headworks No.2, the Headworks No. 1 rehabilitation and improvements would have additional construction cost to provide temporary screening capacity.

WWTP is permitted to treat and discharge an average daily flow of 75 MGD and a 2-hour peak flow of 165 MGD. The plant currently averages a daily flow of approximately 60 MGD. A portion of the plant effluent is used for non-potable water (NPW) at the plant site and to supply much of the City's growing Water Reclamation Initiative (WRI) program. The remainder plant effluent is discharged into the Colorado River. The Headworks (preliminary treatment) is the first step in the wastewater treatment process, where large debris and grit is removed from the raw wastewater.

The majority work will take place in non-public areas of the plant. A small portion of the work may minimally impact the operation of the septic receiving station, which accepts liquid waste from the public.

If the project is not approved, the plant would not be able to adequately treat and accept the influent flows. If the influent flows or future flows exceed the capacity of Headworks No. 1 and 2, then the plant would be at a greater risk for a wastewater spill.

Engineers shall, upon conclusion of review, investigation, and preliminary evaluation, prepare, present and publish details and summarization of their findings, solution options, budget constraints, cost estimates, recommendations, and a design and construction schedule for the recommended improvements in a report format.

The City intends to return to Council to request additional authorization for final design, bidding phase, construction phase, and warranty phase services, utilizing the selected firm to perform these additional services. The amount of authorization requested for the additional services will be determined after the preliminary engineering phase final recommendations are reviewed and approved by the City.

Walnut Creek Wastewater Treatment Plant is located within zip code 78724 (District 1).

This authorization provides for funding of the above listed services. This request allows for the development of an agreement with the qualified responder that Council selects. If the City is unsuccessful in negotiating a satisfactory agreement with the selected responder, negotiations will cease with that provider. Staff will return to Council so that Council may select another qualified responder and authorize contract negotiations with that provider.

TOP RANKED FIRM: Carollo Engineers, Inc. is located in Austin TX.

SECOND RANKED FIRM: HDR Engineering, Inc. is located in Austin TX.

Information on this solicitation is available through the City's Austin Finance Online website. [Solicitation Link.](https://www.austintexas.gov/financeonline/account_services/solicitation/solicitation_details.cfm?sid=130976)
<https://www.austintexas.gov/financeonline/account_services/solicitation/solicitation_details.cfm?sid=130976>