



Recommendation for Action

File #: 21-2309, **Agenda Item #:** 10.

7/29/2021

Posting Language

Authorize negotiation and execution of an amendment to the professional services agreement with Carollo Engineers, Inc. for engineering services for the Walnut Creek Wastewater Treatment Plant Headworks Improvements project in the amount of \$4,700,000, for a total contract amount not to exceed \$5,761,000.

[Note: This amendment will be awarded in compliance with City Code 2-9B (Minority Owned and Women Owned Business Enterprise Procurement Program). Current participation to date is 10.98% MBE and 18.40% WBE.]

Lead Department

Capital Contracting Office

Managing Department

Public Works Department

Fiscal Note

Funding is available in the Fiscal Year 2020-2021 Capital Budget of Austin Water.

Purchasing Language:

Original contract was awarded through a qualifications-based selection process.

Prior Council Action:

October 17, 2019 - Council approved a professional services agreement with Carollo Engineers, Inc., for the Walnut Creek Wastewater Treatment Plant Headworks Improvements.

For More Information:

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

NOTE: Respondents to this solicitation, and their representatives, shall direct inquiries to Rolando Fernandez, 512-974-7749; Rick Wilson, 512-974-7261; or the Project Manager, Erik Kunkel, 512-974-7027.

Council Committee, Boards and Commission Action:

July 14, 2021 - Recommended by Water and Wastewater Commission on a vote of 7-0 with Commissioner Penn recusing, Commissioner Williams absent and two vacancies.

October 9, 2019 - Recommended/Reviewed by Water and Wastewater Commission on a vote of 8-0-1-2 vote. Commissioner Penn recused and Commissioners Parton and Schmitt were absent.

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 most of these components 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 have the hydraulic capacity to treat an average of 75 million gallons per day (MGD), 150 MGD peak flow, and 190 MGD wet weather flow. The project will also directly improve the wastewater treatment plant's electrical resiliency.

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 exceeds the capacity of Headworks No. 2. If the project is delayed and the influent flows exceed the capacity of Headworks No.2, the Headworks No. 1 rehabilitation and improvements would require additional construction funding to provide temporary screening capacity.

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

Most of the 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 authorization is not given to execute an amendment, the rehabilitation of Headworks No. 1 will not be able to move forward. When future flows exceed the capacity of Headworks No. 1, the plant would not be able to adequately accept and treat the influent flows and would be at a greater risk for a wastewater spill.

An amendment to the professional services agreement is required to move the project forward into final design phase and bidding phase. The City intends to return to Council to request additional authorization for construction phase and warranty phase services, utilizing the selected firm to perform these additional services.

Walnut Creek WWTP is located within zip code 78724 (District 1).

This amendment has been approved by the City's Change Control Committee. The Change Control Committee was established to comply with Council Resolution No. 20120126-048, which required the establishment of consistent criteria and process to evaluate contractual changes for all contracts administered by the Capital Contracting Office. The Change Control Committee is comprised of management-level subject matter experts.

Carollo Engineers, Inc. is located in Austin TX.

Strategic Outcome(s):

Health and Environment