



Recommendation for Action

File #: 22-1281, Agenda Item #: 9.

3/3/2022

Posting Language

Authorize negotiation and execution of an amendment to the professional services agreement with Black & Veatch Corp. for professional engineering services for the Walnut Creek Primary Clarifier and Flow Equalization Basin Rehab project in the amount of \$4,100,000, for a total contract amount not to exceed \$5,100,000.

[Note: This amendment will be awarded in compliance with City Code Chapter 2-9B (Minority Owned and Women Owned Business Enterprise Procurement Program). Current participation to date is 13.90% MBE and 2.54% WBE.]

Lead Department

Financial Services Department.

Managing Department

Public Works Department.

Fiscal Note

Funding is available in the Fiscal Year 2021-2022 Capital Budget of Austin Water.

Purchasing Language:

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

Prior Council Action:

December 9, 2021 - Council approved the use of the Construction Manager-at-Risk method of contracting.

March 26, 2020 - Council approved negotiation and execution of a professional services agreement with Black & Veatch Corp. for the Walnut Creek Primary Clarifier and Flow Equalization Basin Rehab project.

For More Information:

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:

February 16, 2022 - Recommended by the Water and Wastewater Commission on a 9-0 vote with two vacancies.

December 1, 2021 - Recommended by the Water and Wastewater Commission for the use of the Construction Manager-at-Risk method of contracting.

March 11, 2020 - Recommended by the Water and Wastewater Commission on a vote of 7-0 with Commissioners Michel, Parton, Schmitt, and Williams absent.

Additional Backup Information:

Walnut Creek Wastewater Treatment Plant (WWTP) is permitted to treat and discharge an average daily flow of 75 million gallons per day (MGD) and a 2-hour peak flow of 165 MGD. Treated plant effluent is discharged into the Colorado River. A portion is used for non-potable water (NPW) on the plant site and supplies much of the City's growing Water Reclamation Initiative (WRI) program. Primary Treatment Complex (PTC) No. 1 is original to the 1977 construction, and PTC No. 2 was added in the late 1980s.

The purpose of this project is to rehabilitate and make improvements to the PTCs. Each PTC consists of two trains of primary clarifiers and in-line flow equalization basins (FEBs). Raw wastewater flows through the primary clarifiers, then continues to the in-line FEBs. Settled wastewater is pumped to secondary treatment, and solids from the primary clarifiers are pumped to Hornsby Bend Biosolids Management Plant. Most of the mechanical and other components in PTC No. 1 and No. 2 are beyond their useful life.

An amendment to the professional services agreement is required to move the project forward into final design phase. This project will be delivered using the Construction Manager-at-Risk (CMR) method. The professional services amendment includes additional services to support the CMR delivery method, including coordination with the Construction Manager who will provide input regarding design, construction approach, scheduling and cost control for the project. Staff intends to return to Council to request additional authorization for construction phase and warranty phase services, working with the selected Construction Manager to perform these additional services.

Public impacts are not anticipated. This project is within the Walnut Creek WWTP site that is closed to the public.

This amendment is time sensitive and is critical to improving the stability of Austin's wastewater treatment system. Delay or deferral of this amendment will place an undue burden on City operations crews, have a negative effect on infrastructure stability, and increase the risk to the operations of the wastewater treatment system.

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 Financial Services Department. The Change Control Committee is comprised of management-level subject matter experts.

Black & Veatch Corp. is located in Austin, Texas.

Strategic Outcome(s):

Health and Environment.