

A G E N D A



Recommendation for Council Action (CCO)

Austin City Council

Item ID:

59213

Agenda Number

13.

Meeting Date:

June 23, 2016

Department:

Capital Contracting Office

Subject

Authorize negotiation and execution of an amendment to the professional services agreement with CDM SMITH, INC., for design and bid phase services for the North Austin Reservoir and Pump Station Improvements project in the amount of \$2,887,236, using existing funds and authorizing an additional \$700,000 for a total contract amount not to exceed \$3,700,000.

Amount and Source of Funding

Funding is available in the Fiscal Year 2015-2016 Capital Budget of Austin Water.

Fiscal Note

A fiscal note is attached.

Purchasing Language:

Original contract was awarded to CMD Smith Inc. through the City's qualifications-based selection process.

Prior Council Action:

May 23, 2013 – Council awarded a design contract for professional engineering services with CDM Smith, Inc.

For More Information:

Rolando Fernandez, 512-974-7749; Sarah Torchin, 512-974-7141; Lucy Thompson, 512-974-7967; John Wepryk, P.E., 512-974-7010; Joe B. Smith, P.E., 512-972-0231.

Boards and Commission Action:

June 8, 2016 - Recommended by the Water and Wastewater Commission on a vote of 8-0 with Commissioner's Kellough, Ho, and Fishbeck Maia absent.

Related Items:

MBE / WBE:

This contract will be awarded in compliance with City Code Chapter 2-9B (Minority Owned and Women Owned Business Enterprise Procurement Program) by meeting the goals with 5.5% MBE and 20.13% WBE participation to date.

Additional Backup Information

Originally constructed in 1913, the North Austin Reservoir at 5802 North Lamar Blvd, 78752, is one of the oldest water facilities in Austin's water distribution system. Over the years the facility sites, including the existing 10 million gallon reservoir and onsite pump station as well as the booster pump station, located across Koenig Lane, have undergone several renovations, including construction and overhaul of the pumping facilities.

The objective of this project is to decommission existing infrastructure, and construct and startup a new facility. The consultant has substantially completed the preliminary engineering phase of the project. In this phase, the consultant assessed the condition of the existing assets, evaluated facility options, and made a recommendation to construct a new 8 million gallon reservoir and replacement pump station, to meet today's standards.

As part of the preliminary engineering phase of this project, a condition assessment and hydraulic evaluation was completed. This incorporated previous evaluation work completed in 2011. The 2011 reservoir evaluation report recommended removal and replacement of the existing reservoir. In both this study and the update completed by the consultant as a part of the preliminary engineering, the assets at the North Austin Reservoir and Pump Station were found to have greatly exceeded their expected useful life. Many of the critical mechanical, electrical, and structural assets were identified to be in poor to very poor condition. In addition, the facilities do not meet current standards. The preliminary engineering report recommendation defined the scope for the complete design effort, including the needed civil site improvements, demolition of the existing reservoir, replacement of aged deteriorated pipe, and construction of a new 8 million gallon concrete pre-stressed reservoir and a vertical turbine pump station. Now that the scope of the project is fully defined, additional project funds are needed to begin and complete the design and bidding phases of the project.

Existing project funds combined with the current \$700,000 will allow the project to move into the design phase. These services will include the design of site improvements, demolition of the current reservoir, pipe replacements, and the design of the concrete pre-stressed reservoir and vertical turbine pump station. This request will cover additional design services only. Staff anticipates returning to Council in the future to request authorization for additional funds of an unknown amount that will be required in the future to support construction phase services. When the amount and time is known, staff will return to council to seek additional authorization.

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.

This project is located in zip code 78752 (District 7). This project will be managed by the Public Works Department.

CDM Smith Inc., is located in Austin, Texas.