



Recommendation for Action

File #: 20-1384, Agenda Item #: 6.

3/12/2020

Posting Language

Authorize award and execution of a construction contract with MGC Contractors, Inc. for the North Austin Reservoir and Pump Station Improvements projects in the amount of \$39,410,000 plus a \$3,941,000 contingency, for a total contract amount not to exceed \$43,351,000.

[Note: This contract will be awarded in compliance with City Code Chapter 2-9A (Minority Owned and Women Owned Business Enterprise Procurement Program) by meeting the goals with 30.96% MBE and 1.72% WBE participation.].

Lead Department

Capital Contracting Office

Managing Department

Public Works Department

Fiscal Note

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

Purchasing Language:

Lowest responsive bid of two bids received through a competitive Invitation for Bid solicitation.

Prior Council Action:

N/A

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, Garrett Cox, 512-974-9423, or the Project Manager, John Wepryk, 512-974-7010

Council Committee, Boards and Commission Action:

February 5, 2020 - Recommended by the Water and Wastewater Commission on a vote of 8-0-0-3 with Commissioners Ho, Michel, Schmitt absent.

Additional Backup Information:

Originally constructed in 1913, the North Austin Reservoir at 5802 North Lamar Boulevard is one of the oldest water facilities in Austin's water distribution system. Over the years, facility sites including the existing 10 million-gallon per day (MGD) reservoir, the on-site pump station, and the booster pump station located across Koenig Lane have undergone several renovations, including construction and overhaul of the pumping facilities.

During a 2011 condition assessment and reservoir evaluation, it was determined that the reservoir and pump station had greatly exceeded their expected useful life. Many of the critical mechanical, electrical, and structural assets at the North Austin Reservoir and Pump Station were identified to be in poor to very poor condition. Austin Water intends to decommission the existing water reservoir and construct a new North Zone pump station and ground storage reservoir on the existing site. The new facility complex will include a new ground storage tank and a Central Zone to North Zone pump station designed to current industry and utility standards.

The work includes demolition of the existing 10-MGD ground storage reservoir, concrete vaults, piping and construction of a new 8-MGD concrete tank, a 50-MGD capacity pump station, and pump station electrical building. Electrical and instrumentation work includes a new Supervisory Control and Data Acquisition (SCADA) system with top end programming and modifications, audio tower/monopole installation, and an access control and security system. Other work includes lead and asbestos abatement, site grading, asphalt paving, storm sewer and water quality facilities, landscaping, and miscellaneous related work.

There are no anticipated detours or lane closures along North Lamar Boulevard or Koenig Lane during the project as all work will occur within the facility's site. However, construction vehicles will enter and exit the property regularly for the duration of the project. The initial work, demolition of the existing reservoir, will likely result in the highest volume of in-and-out traffic at the site. Following demolition of the reservoir project traffic will consist of regular construction materials and concrete deliveries while the new reservoir and pump station are constructed.

This item includes four allowances totaling \$650,000:

- \$200,000 will be used for site improvements;
- \$200,000 will be used for radio and telemetry systems improvements;
- \$100,000 will be used to address access control and security systems, and
- \$150,000 will be used for SCADA top end programming and modifications.

An allowance is an amount that is specified and included in the construction contract or specifications for certain items of work whose details are not yet determined at the time of bidding.

A delay executing this contract could increase operations and maintenance expenditures should additional interim maintenance be required.

Due to the potential for unknown conditions when working in an operating facility, a 10% contingency in funding has been included to allow for the expeditious processing of any change orders. A contingency is an additional amount of money added to the construction budget to cover any unforeseen construction costs associated with the project.

The contract allows 872 calendar days for final completion. This project is located within zip code 78752 (District 7).

MGC Contractors, Inc. is located in New Braunfels, Texas.

Information on this solicitation is available through the City's Austin Finance Online website. Link: [Solicitation Documents. <https://www.austintexas.gov/financeonline/account_services/solicitation/solicitation_details.cfm?sid=132056>](https://www.austintexas.gov/financeonline/account_services/solicitation/solicitation_details.cfm?sid=132056)

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