

A G E N D A



Recommendation for Council Action (CCO)

Austin City Council

Item ID:

60244

Agenda Number

5.

Meeting Date:

August 4, 2016

Department:

Capital Contracting Office

Subject

Authorize negotiation and execution of an amendment to the professional services agreement with HARUTUNIAN ENGINEERING INC., for additional engineering services for the Davis Water Treatment Plant Power Distribution Upgrade project in the amount of \$3,000,000 for a total contract amount not to exceed \$7,000,000. (District 10)

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 through the City's qualifications-based selection process.

Prior Council Action:

August 28, 2008 – Council approved a design contract for professional engineering services with Harutunian Engineering Inc.

For More Information:

Rolando Fernandez, 512-974-7749; Sarah Torchin, 512-974-7141; Lucy Thompson, 512-974-7967; Richard Duane, 512-974-7730; Chris Wolter, 512-972-0224.

Boards and Commission Action:

July 13, 2016 - Recommended by the Water and Wastewater Commission on a vote of 8-0 with Commissioners Blanding, Parker and Penn absent.

Related Items:

MBE / WBE:

This contract was awarded in compliance with City Code Chapter 2-9B (Minority Owned and Women Owned Business Enterprise Procurement Program) with 19.29% MBE and 66.29% WBE participation to date.

Additional Backup Information

Originally constructed in 1953, the Davis Water Treatment Plant is a critical component of the Austin potable water system, producing potable water for the central, east and north parts of the city. Key functions at the plant are performed by original assets that are far beyond their expected useful life. Although Davis Water Treatment Plant has undergone several process improvements over the years, much of the plant's electrical system has not been updated or rehabilitated since original construction, and has deteriorated due to age and wear. This project upgrades the electrical services to these process areas and replaces outdated equipment. This project has been scoped and designed to improve integral plant processes with minimal disruption to facility operations, thus significantly extending the useful life of the facility.

System improvements generally include new 12,470 volt Plant service cables from Austin Energy; a new incoming 15-Kv substation within a building; conversion of in-plant distribution voltage from 4160V to 12,470V; renovation of the chemical area switchgear/distribution; addition of 15-Kv dedicated transformers for the Low Service Pump Station; new redundant 15-Kv distribution cables and duct banks systems; renovating/upgrading the plant administration and training buildings distribution system; and renovating the emergency power distribution system. The project also includes raw water transmission line renovation and powdered active carbon and chlorine line renovation.

This action authorizes the use of an additional \$2,000,000 for this project. The proposed amendment will use \$1,000,000 of existing authorization plus the additional \$2,000,000 for a total amount of \$3,000,000 to provide professional engineering services to support the City with the construction of the power distribution upgrade at the Davis Water Treatment Plant. The construction phase services provide for construction oversight, submittals review, responding to contractor questions during construction, permit support, reviewing modifications, and preparing as-built drawings.

Construction of the Davis Water Treatment Plant Power Distribution Upgrade project is scheduled to be completed in May 2020.

This project is scheduled to be constructed in coordination with the ongoing Treated Water Discharge Project. A delay would impact the schedule of both projects.

This item is related to the Davis Water Treatment Plant Power Distribution Upgrade project construction contract with T Morales Company & Controls, Ltd.

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 within zip code 78731 (District 10). The project is managed by the Public Works Department.

Harutunian Engineering Inc., is located in Austin, Texas.