



Legislation Text

File #: 17-230, **Version:** 1

AUTHORIZATION TO ENTER INTO A CONSTRUCTION MANAGER AT RISK AGREEMENT WITH MGC CONTRACTORS, INC., FOR CONSTRUCTION PHASE SERVICES FOR IMPROVEMENTS AT THE ARROWHEAD RANCH WATER RECLAMATION FACILITY

Staff Contact: Craig Johnson, P.E., Director, Water Services

Purpose and Recommended Action

This is a request for City Council to authorize the City Manager to enter into a Construction Manager at Risk (CMAR) Agreement with MGC Contractors, Inc., (MGC) in an amount not to exceed \$24,702,575 for construction phase services of the Arrowhead Ranch Water Reclamation Facility (ARWRF) improvements.

Background

The ARWRF commenced operations in the mid 1980's. This facility has a capacity of processing 4.5 Million Gallons per Day (MGD) of raw sewage. Currently it treats approximately 3.0 MGD and it is not anticipated to need an expansion to support future flows.

Resilience and reliability of all process equipment are essential for maintaining the rated treatment capacity and assuring compliance with all regulatory limits. Since this facility is an end of line plant, meaning it cannot be bypassed and flows cannot be turned off, plant reliability is critical to ensure service availability 365 days a year. Facility process equipment needs periodic assessments and improvements to maintain effective and reliable operation. The plant was evaluated and systems were identified that have reached the end of their useful life and need to be replaced. A recent project replaced the aging and inefficient Ultra Violet (UV) Disinfection System, resulting in optimized operations. This project intends to continue necessary improvements.

Analysis

MGC Contractors has provided pre-construction services during the design phase with Carollo Engineers. The design phase of this project has been completed, and the project is ready to be constructed. The primary construction services provided by this contract include the replacement of headworks equipment, the odor control system, final effluent filters, electrical gear and other equipment that has reached the end of its useful life and requires replacement.

The construction phase services are expected to begin in July 2017.

Previous Related Council Action

On December 8, 2015, Council approved a Construction Manager at Risk agreement with MGC to provide

design phase services.

On January 28, 2014, Council approved a Professional Services Agreement with Carollo Engineers, to provide design and construction administration services for improvements at ARWRF.

Community Benefit/Public Involvement

Maintaining a safe, reliable, and resilient facility ensures compliance with water resources goals and regulatory limits, and enhances public safety and preserves quality of life for Glendale residents.

Budget and Financial Impacts

Funding is available in the adopted FY2016-17 and the proposed FY2017-18 Water Services capital budgets. Future years' budget funding is contingent upon Council approval.

Cost	Fund-Department-Account
\$24,702,575	2360-60007-550800, Arrowhead Ranch WRF Improvements

Capital Expense? Yes

Budgeted? Yes

Requesting Budget or Appropriation Transfer? No

If yes, where will the transfer be taken from?