



Legislation Text

File #: 16-599, **Version:** 1

AUTHORIZATION TO ENTER INTO AMENDMENT NO. 1 TO THE PROFESSIONAL SERVICES AGREEMENT WITH HDR ENGINEERING, INC., FOR PHASE 2 DESIGN SERVICES FOR THE BOOSTER PUMP STATIONS AND ADMINISTRATION BUILDING IMPROVEMENTS AT THE CHOLLA WATER TREATMENT PLANT

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 Amendment No. 1 of the Professional Services Agreement C-10224 with HDR Engineering, Inc., (HDR) for Phase 2 design services for the Booster Pump Stations and Administration Building Improvements at the Cholla Water Treatment Plant; to increase the original agreement compensation of \$211,739 by \$779,183 for an amount not to exceed \$990,922; and extend the term of the agreement to December 31, 2018.

Background

The Cholla Water Treatment Plant (CWTP), which includes the booster pump stations and administration building, were built in 1978 and expanded in 1988. The administration building consists of a lobby, control room, laboratory, instrument shop, conference room, offices, bathrooms, and miscellaneous storage.

The CWTP provides potable water to Zones 1 and 2 of the City. There are three booster pump stations that pump the water through the distribution system. The Zone 2 station was built in 1972 and expanded in 1982. Zone 1A was built in 1981 and upgraded 2000. Zone 1B was constructed in 2000.

The project consists of an evaluation study (phase 1), design services (phase 2) and finally construction services (phase 3).

As with all water treatment facilities, there is periodic need to evaluate and rehabilitate current treatment systems to ensure the infrastructure is reliable and in good working condition. Improvements to major components require separate evaluation and design phases prior to the construction.

Analysis

From the November of 2014 Request for Proposal selection process, HDR was selected to perform an evaluation study of the processes and equipment condition at the booster pump stations and the various function areas within the administration building. This amendment for \$779,183 will include design services to implement the improvement recommendations. Amendment 2 for construction administration services will be brought to the Council at a future date.

Previous Related Council Action

On August 25, 2015, Council approved a professional services agreement with HDR Engineering, Inc. to provide evaluations and assessments of the booster pump stations and administration building at the Cholla Water Treatment Plant.

On January 13, 2015, Council approved a professional services agreement with Black & Veatch Corporation to provide process and equipment evaluations at Cholla Water Treatment Plant.

On October 14, 2014, Council approved a professional services agreement with Ninyo and Moore Geotechnical Consultant, Inc. to develop solutions to improve soil conditions throughout the Cholla Water Treatment Plant.

Community Benefit/Public Involvement

This project will enable the City to ensure a continuous supply of reliable high quality water to residents and businesses to ensure public health and the vitality of the community.

Budget and Financial Impacts

Funding is available in the Water Services FY2016-17 capital budget.

Cost	Fund-Department-Account
\$779,183	2400-61024-551200, Cholla Water Plant Process Imp

Capital Expense? Yes

Budgeted? Yes

Requesting Budget or Appropriation Transfer? No

If yes, where will the transfer be taken from?