

City Council

FILE#: ID 21-2903

MEETING DATE: 7/27/2021

COUNCIL COMMUNICATION

TO: Honorable Mayor and Council

FROM: Dan Sloan, Assistant City Engineer

SUBJECT:

Award the Engineering Master Professional Services Agreement for Water System Improvements to Jacobs Engineering Group, Inc. (*Dan Sloan*)

FUNDING SOURCE:

Irrigation and Drainage District Fund: Task Orders that are executed under this Engineering Master Professional Services Agreement will be funded by the IDD/Water Utility Fund.

PURPOSE:

Award the Engineering Master Professional Services Agreement to Jacobs Engineering Group, Inc. in accordance with City Code Section 3.10.040.

BACKGROUND:

A water master plan was completed in 1992 which laid the foundation for development of the current water supply and water treatment plant. In 2007, the City completed a comprehensive water master plan update that looked at the entire water supply and distribution system needs to meet projected demands out to 2050.

In 2018, an update to the 2007 Water Master Plan was prepared. The primary purpose was to update the water demand forecast considering current water use trends and conservation, revised population forecast based on a new General Plan, and develop near-term and identify long-term capital improvement projects. A critical element and focus of the 2018 Water Master Plan was to address water supply capacity, reliability, and vulnerability, given the condition of the City's existing Horizontal Collector Well, North Well field, and aging pipe throughout the city, mainly focused on the high pressure areas of each pressure zone. The 2018 Water Master Plan also incorporates recent technical studies prepared for the City including recent Booster Pump Stations and tank condition assessments, water reuse planning, developer studies, and an updated water system hydraulic model.

The City's current distribution system consists of seven major pressure zones, a Water Treatment Plant, a series of booster pump stations and reservoirs connected by approximately 474 miles of pipe ranging in diameter from

4 inches to 48 inches. The City has a number of pump stations that are near the end of their useful life and will need to be replaced, and in some cases expanded so that the stations have sufficient capacity to supply the projected growth. In addition, and because the city has been growing, some of the existing infrastructure is no longer sized appropriately for current or future demands. Recommendations in the current master plan have been developed to address these needs. The current 5-year CIP is focused on addressing the water supply, reliability, and vulnerable aspects of the system which includes issues involving water treatment plant improvements, and water tank and pump station improvements.

A formal Request for Qualifications (RFQ) process was conducted to solicit proposals from qualified consulting firms to provide Professional Engineering Services for the water system improvements. Five (5) firms responded to the RFQ; Carollo Engineers, Valentine Environmental Engineers, NCS Engineers, Michael Baker International Inc., and Jacobs Engineering Group, Inc.

Based on the anticipated work load over the next few years the RFQ solicitation allowed for selection of up to three of the highest ranked firms to award an Engineering Master Professional Services Agreement. After ranking by the selection committee, two firms stood out as the highest ranked proposers; Jacobs Engineering Group, Inc. and NCS Engineers.

The terms of this Engineering Master Professional Services Agreement shall commence upon approval and continue through for five (5) years, with individual Task Orders assigned for each project. Each Task Order over \$50,000 requires approval by the City Council.

COMMUNITY IMPACT:

Continued planning, design and construction of improvements to the water system maintains the reliability and operability of the system for city residents and addresses critical infrastructure needs.

FISCAL IMPACT:

Task Orders that are executed under this Engineering Master Professional Services Agreement will be funded by the IDD/Water Utility Fund.

ATTACHMENTS:

Engineering Master Professional Services Agreement

SUGGESTED MOTION:

I move to award the Engineering Master Professional Services Agreement for Water System Improvements to Jacobs Engineering Group, Inc.

Lake Havasu City

*Lake Havasu City
Police Facility
2360 McCulloch Blvd North
Lake Havasu City, Arizona 86403*



Action Summary - Final

Tuesday, July 27, 2021

6:00 PM

Regular Meeting

Council Chambers

City Council

*Mayor Cal Sheehy
Vice Mayor Jeni Coke
Councilmember Nancy Campbell
Councilmember Jim Dolan
Councilmember David Lane
Councilmember Michele Lin
Councilmember Cameron Moses*

Limited Commercial District (C-1) to Single-Family Residential District (R-1) *(Luke Morris)*

(Adopted)

- 8.5 [ID 21-2886](#) Adopt Ordinance No. 21-1260 Amending the Zoning Classification and District Boundary for 2571 Via Palma, Tract 2271, Block 1, Lot 7 and a Portion of Golf Course Parcel 1-D, APN 105-14-036, from Limited Multiple-Family District (R-3) and Golf Course District (GC) to Residential Estate District (R-E) *(Luke Morris)*

(Adopted)

- 8.6 [ID 21-2906](#) Approve Amendment No. 1 to S.A.R.A. Park Sublease Agreement with Lake Havasu Sportsman Club, Inc. *(Mike Keane)*

(Approved)

- 8.7 [ID 21-2900](#) Award the Engineering Master Professional Services Agreement for Wastewater System Improvements to Jacobs Engineering Group, Inc. *(Dan Sloan)*

(Approved)

- 8.8 [ID 21-2903](#) Award the Engineering Master Professional Services Agreement for Water System Improvements to Jacobs Engineering Group, Inc. *(Dan Sloan)*

(Approved)

- 8.9 [ID 21-2907](#) Award the Engineering Master Professional Services Agreement for Water System Improvements to NCS Engineers *(Dan Sloan)*

(Approved)

- 8.10 [ID 21-2901](#) Award Agreement for Professional Services (Design) for the Wastewater Master Plan Update to Jacobs Engineering Group, Inc. *(Dan Sloan)*

(Approved)

9. **CURRENT EVENTS**

10. **FUTURE MEETINGS**

11. **FUTURE DISCUSSION ITEMS**

12. **ADJOURN**