

**AGENDA**



**Recommendation for Council Action**

**AUSTIN CITY COUNCIL**

**Regular Meeting: June 14, 2018**

Item Number: **007**

**Capital Contracting Office**

Authorize negotiation and execution of an amendment to the professional services agreement with Jacobs Engineering Group, Inc., for design, bid, and award phase services for the Albert H. Ullrich Water Treatment Plant Conversion to On-site Generation of Sodium Hypochlorite Project in the amount of \$2,329,896.83, using existing funds and authorizing an additional \$1,113,557.93, for a total contract amount not to exceed \$3,171,557.93. [Note: This amendment will be awarded in compliance with City Code 2-9B (Minority Owned and Women Owned Business Enterprise Procurement Program). Current participation to date is 24.16% MBE and 11.98% WBE.]

**District(s) Affected:** District 8

<b>Lead Department</b>	Capital Contracting Office  <b><u>Managing Department(s)</u></b> Public Works Department
<b>Fiscal Note</b>	Funding is available in the Fiscal Year 2018 Capital Budget of the Austin Water.
<b>Purchasing Language</b>	Original contract was awarded through a qualifications-based selection process.
<b>Prior Council Action</b>	February 4, 2016 - Council approved a professional services agreement with Jacobs Engineering Group, Inc. for the Albert H. Ullrich WTP Conversion to On-site Generation of Sodium Hypochlorite Project.
<b>For More Information</b>	Inquiries should be directed to the City Manager’s Agenda Office, at

	<p>512-974-2991 or AgendaOffice@austintexas.gov.</p> <p>NOTE: Respondents to this solicitation, and their representatives, shall direct inquiries to Rolando Fernandez, 512-974-7749, Aiden Cohen, 512-974-1929, or the Project Manager, Robyn Smith, 512-974-2624.</p>
<b>Council Committee, Boards and Commission Action</b>	<p>May 9, 2018 - Recommended by the Water and Wastewater Commission on a vote of 10-0 with Commissioner Penn absent.</p> <p>January 13, 2016 - Recommended/Reviewed by the Water Wastewater Commission on a 7-0-0 vote with Commissioners Jesse Penn, Chien Lee, Annie Kellough, and Brian Parker absent.</p>

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**Additional Backup Information:**

The City operates three major water treatment plants which provide potable water to the City of Austin: Ullrich Water Treatment Plant, Davis Water Treatment Plant, and Water Treatment Plant No. 4. The Ullrich Water Treatment Plant has a treatment capacity of 167 million gallons per day and utilizes chloramine for disinfection. The chloramine process requires the combined use of a chlorine system and an ammonia system. The plant currently utilizes gaseous chlorine to disinfect the water to meet requirements specified in drinking water regulations administered by the Texas Commission on Environmental Quality. Although the Plant has a long history of safe usage of chlorine, Austin Water has decided to pursue an inherently safer technology and move to using sodium hypochlorite in its disinfection process.

On-Site Generation of Sodium Hypochlorite systems produce chlorine in the form of a weak sodium hypochlorite (bleach) solution using table salt, water, and electricity. This technology has a proven track record and mitigates risks associated with chlorine gas. Preliminary Engineering for converting Ullrich Water Treatment Plant from gaseous chlorine to a sodium hypochlorite and ammonia disinfection process is complete and the project is ready to move into design.

The original Council authorization for design phase services on this project was \$2M. The preliminary design phase expended 40% of the original authorization. In order to move forward with design and bid/award phase services, additional authorization is needed based on the scopes defined in the approved preliminary engineering design report.

The duration of final design and bid/award phase services is estimated to be 15 months.

Community outreach will occur in the final design phase. The additional authorization does not include construction phase services. Once the construction phase services, including the warranty phase are negotiated and agreed upon, the Project Team will return to City Council for the additional request for construction phase services.

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 within zip code 78746, (District 8).

Jacobs Engineering Group, Inc. is located in Austin, Texas.