



## Recommendation for Water & Wastewater Commission

<b>Commission Meeting Date:</b>	January 8, 2020
<b>Council Meeting Date:</b>	January 23, 2020
<b>Department:</b>	Capital Contracting Office
<b>Client:</b>	Charles Celauro, Bill Stauber, Nick Sybille
<b>SUBJECT</b>	
Authorize negotiation and execution of a professional services agreement with CDM Smith Inc., (staff recommendation) or one of the other qualified responders for Request for Qualifications Solicitation No. CLMP280 to provide engineering services for Ullrich Water Treatment Plant Conversion (OSGSH) in an amount not to exceed \$2,000,000.	
<b>AMOUNT AND SOURCE OF FUNDING</b>	
Funding is available in the Fiscal Year 2019-2020 Capital Budget of Austin Water.	
<b>Purchasing Language:</b>	Staff recommendation is the most qualified firm out of four firms evaluated through the City's qualification-based selection process.
<b>Prior Council Action:</b>	N/A
<b>Boards and Commission Action:</b>	To be reviewed by the Water and Wastewater Commission on January 8, 2020.
<b>MBE/WBE:</b>	This contract will be awarded in compliance with City Code Chapter 2-9B (Minority Owned and Women Owned Business Enterprise Procurement Program) by meeting the goals with 15.80% MBE and 15.80% WBE participation.

The City operates three major water treatment plants (WTPs): Ullrich WTP, Davis WTP and Handcox WTP. The Ullrich WTP has a firm 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.

Although the City has successfully and safely used chlorine throughout its various treatment facilities for more than 80 years, the City desires to incorporate inherently safer technologies when available and where feasible. The City recently completed Preliminary Engineering to evaluate the options available to improve the Ullrich WTP disinfection system.

The selected firm will develop the recommended option in the Preliminary Engineering Report to convert the existing chlorine system to an onsite generation of sodium hypochlorite (OSGSH) process and to also convert the existing ammonia system to liquid ammonia sulfate (LAS). The recommended option will maximize repurposing and reuse of existing facilities, structures and processes, where practical. The selected firm will perform engineering design and develop construction documents for the recommended option.

All work will occur on city property and this project will be designed to avoid negatively impacting plant production.

If this item is not approved, Ullrich WTP will continue to disinfect water with gaseous chlorine and ammonia. The project will be managed by Public Works Department.

This authorization provides for funding of the above listed services. This request allows for the development of an agreement with the qualified responder that Council selects. If the City is unsuccessful in negotiating a satisfactory agreement with the selected responder, negotiations will cease with that provider. Staff will return to Council so that Council may select another qualified responder and authorize contract negotiations with that provider.

Ullrich Water Treatment Plant is located within zip code 78746 (District 8).

**TOP RANKED FIRM:** CDM Smith Inc. is located in Austin, Texas

**SECOND RANKED FIRM:** Carollo Engineers, Inc. is located in Austin, Texas

Information on this solicitation is available through the City's Austin Finance Online website: [Solicitation Documents](#).