



**Water & Wastewater Commission
Review and Recommendation**

Commission Meeting Date:	March 9, 2022	COA Strategic Direction:	Health and Environment, Safety
Council Meeting Date:	March 24, 2022		
Department:	Financial Services Department		
Client:	Shay Ralls Roalson		
Agenda Item			
Recommend approval to negotiate and execute an amendment to the professional services agreement with CDM Smith, Inc., for engineering services for the Ullrich Water Treatment Plant Conversion (OSGSH) in the amount of \$4,051,654.63, for a total contract amount not to exceed \$6,112,654.63. (District 8)			
Amount and Source of Funding			
Funding is available in the Fiscal Year 2021-2022 Capital Budget of Austin Water.			
Purchasing Language:	Original contract was awarded through a qualifications-based selection process.		
Prior Council Action:	January 23, 2020 – Council approved a professional services agreement with CDM Smith, Inc. for the Ullrich Water Treatment Plant Conversion (OSGSH) project.		
Boards and Commission Action:	To be reviewed by the Water and Wastewater Commission on March 9, 2022.		
MBE/WBE:	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 17.60% MBE and 19.33% WBE.		

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 completed a Preliminary Engineering report to evaluate the options available to improve the Ullrich WTP disinfection system.

CDM Smith was selected to 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.

An amendment to the professional services agreement is required to move the project forward into the design phase. The amendment includes design phase services (project management, permitting and environmental compliance, engineering design) and bid phase services.

It is important for this project to move forward because of safety. If the project is not approved, the plant's ability to incorporate inherently safer technologies when available and where feasible may be impacted.

No public impacts are anticipated. All improvements will be within the Ulrich WTP site.

CDM Smith, Inc., is located in Austin, Texas

This project is located within zip code 78746 (District 8).