



**Recommendation for
Water & Wastewater Commission**

Commission Meeting Date:	January 8, 2020
Council Meeting Date:	January 23, 2020
Department:	Public Works
Client:	Charles Celauro, Bill Stauber, James King

SUBJECT

Authorize negotiation and execution of a professional services agreement with Harutunian Engineering, Inc., (WBE) (staff recommendation) or one of the other qualified responders for Request for Qualifications Solicitation No. CLMP276 to provide engineering services for the Davis Water Treatment Plant Supervisory Control and Data Acquisition System (SCADA) System Improvements project in an amount not to exceed \$1,500,000.

AMOUNT AND SOURCE OF FUNDING

Funding is available in the Fiscal Year 2019-2020 Capital Budget of Austin Water.

Purchasing Language:	Staff recommendation is the most qualified firm out of two firms evaluated through the City's qualifications-based selection process.
Prior Council Action:	N/A
Boards and Commission Action:	To be reviewed by the Water and Wastewater Commission on January 8, 2020.
MBE/WBE:	Participation goals stated in the solicitation were 1.90% African American; 9.00% Hispanic; 4.90% Native Asian; and 15.80% WBE.

The Davis Water Treatment Plan was originally constructed in the early 1950s, with equal sized expansions in the 1960s and 1970s. The High Service Pump Station was constructed in the 1980s. The plan has also undergone several renovations and upgrades over the years including upgrades to the Supervisory Control and Data Acquisition (SCADA) system.

The Davis Water Treatment Plan makes extensive use of the SCADA Top-End computer system monitoring, control and alarming. The Top-End system predominately relies on the Programmable Logic Controllers (PLCs) located throughout the Plant to perform tasks for the Plan operations staff. Hence, the health and reliability of the PLC system is critical to the operation of the Plant.

The selected consultant will replace the Plant's remaining existing obsolete control system network and hardware with new equipment which follows Austin Water (AW) SCADA standards.

It is anticipated that there will be no impact on the public because all work will be performed on City property.

Should Council not approve this item, AW personnel will continue to maintain and repair SCADA components as required. However, as much of the equipment is obsolete and no longer supported by the manufacturer, failures that may negatively affect the overall Plant operational processes should be expected.

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 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.

TOP RANKED FIRM: Harutunian Engineering, Inc. (WBE/FW) is located in Austin, Texas.

SECOND RANKED FIRM: Stanley Consultants, Inc. is located in Austin, Texas.

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