



Water & Wastewater Commission Review and Recommendation

Commission Meeting Date:	May 6, 2020	COA Strategic Direction:	Health and Environment
Council Meeting Date:	June 4, 2020		
Department:	Purchasing		
Client:	Danielle Lord, Shay Roalson		
Agenda Item			
Recommend approval to negotiate and execute a contract with Environmental Improvements Inc., to provide a settling basin rake gearbox replacement, in an amount not to exceed \$124,225.			
Amount and Source of Funding			
Funding is available in the Fiscal Year 2019-2020 Operating Budget of Austin Water.			
Purchasing Language:	Sole Source.		
Prior Council Action:	N/A		
Boards and Commission Action:	May 6, 2020 – To be reviewed by the Water and Wastewater Commission.		
MBE/WBE:	Sole source contracts are exempt from the City Code Chapter 2-9D Minority Owned and Women Owned Business Enterprise Procurement Program; therefore, no subcontracting goals were established.		

The contract is for the purchase and installation of a new gearbox for the wash settling basin at Ullrich Water Treatment Plant. The water treatment process consists of having backwash water go to a settling basin to allow the material in the water to settle at the bottom of the basin so that it can be removed. The settled material is continuously raked from the basin by submerged scrapers. The scrapers are driven by an electric motor and gearbox that must continually operate for the basin to be in service.

The existing gearbox has reached the end of its life cycle making the replacement necessary to ensure proper functionality of the system. The gearbox was provided by a single manufacturer, EVOQUA (Envirex) through their local representative Environmental Improvements Inc. The new gearbox components must be replaced with original equipment manufacture's parts to be compatible with the mixer system support structure and mixing impeller assembly. Replacing the gearbox drive is significantly less expensive than replacing the entire mixer system.