



**Recommendation for
Water & Wastewater Commission**

Commission Meeting Date:	October 14, 2015
Council Meeting Date:	November 19, 2015
Department:	Purchasing
SUBJECT	
<p>Authorize execution of a sole source contract with SIEMENS ENERGY INC. for the purchase of three KA66SV-GL400, aeration blowers for the South Austin Regional Wastewater Treatment Plant Train A and B Blower Replacement Project for Austin Water in an amount not to exceed \$3,193,775. (District 2)</p>	
AMOUNT AND SOURCE OF FUNDING	
<p>Funding in the amount of \$3,193,775 is available in the Fiscal Year 2015 – 2016 Capital Budget of Austin Water.</p>	
Purchasing Language:	Sole Source
Prior Council Action:	N/A
For More Information:	Irene Sanchez-Rocha, 512-972-0048; Charles Celauro, 512-972-0208; Steve Parks, 512-974-3576
Boards and Commission Action:	October 14, 2015- To be reviewed by the Water and Waste Water Commission.
MBE/WBE:	This contract will be awarded in compliance with Chapter 2-9C or D of the City Code (Minority-Owned and Women-Owned Business Enterprise Procurement Program). No subcontracting opportunities were identified; therefore no goals were established for this solicitation.

This contract with Siemens Energy Inc. is for the purchase of three 32,000 standard cubic feet per minute (SCFM), KA66SV-GL400, aeration blowers with dual point control technology for Austin Water, South Austin Regional Wastewater Treatment Plant (SARWWTP) Trains A and B Blower Replacement Project. These blowers are part of the South Austin Regional Wastewater Treatment Plant Improvement Project.

SARWWTP consist of three parallel treatment units. Each unit generally consists of physical and biological processes that treat raw sewage to meet criteria required by the City and other State and Federal Regulatory Agencies. In 2011, SARWWTP experienced a major chlorine leak which significantly damaged equipment in two of the units including the air blowers housed in the Secondary Treatment Building. SARWWTP completed the emergency repairs in 2011. Train A and B have been operational since completion of the temporary repairs, but the blowers are nearing their estimated useful life and need to be replaced as soon as new blowers can be acquired.

The aeration blowers with dual point control technology are vital components of the treatment process. They provide air for many purposes at the plant but primarily for the biological processes that treat the sewage in the activated sludge treatment process. Siemens blowers were chosen for this project to specifically match pre-existing and proprietary equipment operating in treatment Train C. The new aeration blowers are designed to work as a complete system with the Train C blowers to meet all the air demands at the SARWWTP, regardless of the amount of wastewater being treated or which treatment trains may be operational.

Siemens Energy Inc. is the sole manufacturer and distributor of these blowers and holds the patent for the dual point control technology.