

A G E N D A



Recommendation for Council Action (Purchasing)

Austin City Council	Item ID:	51912	Agenda Number	54.
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Meeting Date:	November 19, 2015
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Department:	Purchasing
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Subject

Authorize negotiation and execution of a contract with GRAY MATTER SYSTEMS SOUTH LLC, for the replacement of the human-machine interfaces for turbine units 6 and 7 at Sand Hill Energy Center, in an amount not to exceed \$91,308.

Amount and Source of Funding

Funding is available in the Fiscal Year 2015-2016 Capital Budget of Austin Energy.

Fiscal Note

A fiscal note is attached.

Purchasing Language:	Sole Source
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Prior Council Action:	
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For More Information:	Nicole Turner, Senior Buyer Supervisor, 512-322-6586
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Boards and Commission Action:	October 19, 2015 - Recommended by the Electric Utility Commission on a 7-0 vote.
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Related Items:	
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MBE / WBE:	This contract will be awarded as a sole source and is exempt from City Code Chapter 2-9D Minority and Women Owned Business Enterprise Procurement Program.
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Additional Backup Information

The contract is for the replacement of the human-machine interfaces (HMIs) for turbine units 6 and 7 at Austin Energy's Sand Hill Energy Center. These HMIs are the operator workstations that control the turbine units. The HMI workstations provide control, alarming and trending for all the related turbine unit equipment. The current HMIs are being replaced due to recurring hardware issues that could lead to unit outages. The new HMIs will have a dedicated backup for each unit as well as a stand-alone HMI for the main control room. In addition, the new HMIs will come with Proficy HMI/Supervisory Control and Data Acquisition (SCADA) iFIX software which allows for communication to the existing Woodward Programmable Logic Controllers on each turbine unit. Austin Energy requires Proficy HMI/SCADA iFIX because it is the current software that interfaces with the existing control system. Utilizing an alternative platform would require an expensive and lengthy redesign of the entire system.

The contract also provides for the migration of all existing operator displays, project folders, historian data and other applicable components to the new HMIs, as well as startup/commissioning of the entire system.

General Electric Intelligent Platforms, Inc. is the owner of the proprietary software and Gray Matter Systems South LLC is their sole authorized representative in Texas for the sale, service and support of the software.