

AGENDA



Thursday, October 1, 2009

**Purchasing Office
RECOMMENDATION FOR COUNCIL ACTION****Item No. 21**

Subject: Authorize award, negotiation, and execution of Amendment No. 9 to increase the contract with ABB., INC., Sugar Land, TX for a Supervisory Control and Data Acquisition/Energy Management System (SCADA/EMS) upgrade in an estimated amount not to exceed \$1,803,600, for a revised total estimated contract amount not to exceed \$18,062,335.

Amount and Source of Funding: Funding is available in the Fiscal Year 2009-2010 Capital Budget of Austin Energy.

Fiscal Note: A fiscal note is attached.

For More Information: Terry Nicholson, Senior Buyer/322-6586

Purchasing Language: Contract Amendment.

MBE/WBE: This contract will be awarded in compliance with Chapter 2-9D 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.

Boards and Commission Action: Recommended by the Electric Utility Commission.

Prior Council Action: July 19, 2001 - Approved original contract; August 5, 2004 - Approved contract Amendment No. 1; March 2, 2006 - Approved contract Amendment No. 4.

In July 2001, Council approved a contract for the purchase of a Supervisory Control and Data Acquisition/Energy Management System (SCADA/EMS) including installation, training, one year of maintenance, with four extension options for maintenance. In August 2004, Council approved contract Amendment No. 1 to increase the contract amount to provide for additional system functionalities. These additions were necessary due to new regulatory requirements for increased security and reliability for systems and processes associated with electric grid operation. In March 2006, Council approved contract Amendment No. 4 to increase funding for SCADA/EMS system maintenance and additional system software and hardware maintenance for years 6-10 and for third party license renewals and system enhancements.

This proposed Amendment No. 9 is for an upgrade to the SCADA/EMS system. Due to the age of the current hardware and Austin Energy's (AE) move to the new System Control Center (SCC) and new regulatory requirements, AE needs the delivery of the upgrade to coincide with the availability of the new SCC. The server hardware for all existing systems will be upgraded with the exception of those that have already been upgraded. In addition, the Quality Assurance System (QAS) that is a replica of the redundant upgraded prime system (ECC) will be implemented.

SCADA/EMS is the real time control system for the electric utility which monitors and controls power output of generating plants, transmission systems, and distribution networks. The system operates on a 24x7 schedule and manages the electric grid functions, grid reliability, and security at the lowest cost to the electric system operation. The system also impacts the safety of electric system construction and

maintenance personnel who are dependent on the status and control of information provided by SCADA/EMS.