AUSTIN CITY COUNCIL

AGENDA

Recommendation for Council Action (Purchasing)

Austin City Council	**Item ID:**	9160	**Agenda Number**	55.

Meeting Date:	August 25, 2011
Department:	Purchasing

Subject

Authorize award and execution of a contract through the TEXAS MULTIPLE AWARD SCHEDULE (TXMAS) cooperative purchasing program with JOHNSON CONTROLS., INC., Austin, TX, for the purchase and installation of two new high efficiency chillers at the Givens Recreation Center and the Conley-Guerrero Senior Center in an estimated amount not to exceed $141,135.

Amount and Source of Funding

Funding is available from the Department of Energy (DOE) as a result of the American Recovery and Reinvestment Act (ARRA) of 2009 for the grant period of December 28, 2009 to December 27, 2012. No match is required.

Fiscal Note

There is no unanticipated fiscal impact. A fiscal note is not required.

Purchasing Language:	Cooperative Purchase.
Prior Council Action:	February 4, 2010 - Approved acceptance of $7,492,700 grant from DOE amending the budget.
For More Information:	Shawn Harris, Supervising Sr. Buyer, 505-7351
Boards and Commission Action:	Recommended by the Electric Utility Commission and the Resource Management Commission.
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). Although this contract is exempt under Chapter 791 of the Texas Local Government Code and no goals were established for this solicitation, 4.00% WBE subcontractor participation has been met.
Related Items:	

Additional Backup Information

This contract is for the purchase and installation of new high efficiency chillers for the Givens Recreation Center and the Conley-Guerrero Senior Center. The systems and related equipment currently in use at these facilities have exceeded their life expectancy and are much less efficient than the proposed replacement units. The current chiller at the Conley-Guerrero facility is operating at 50% capacity because one of the two compressors is not functioning. The current chiller at the Givens facility is operating at 75% capacity since one of the four compressors is not functioning.

Chillers cool or "chill" water to be distributed in buildings to air condition occupied spaces. Once the chilled water is used, it is returned to the chiller where the water is chilled again and sent back through a continuous loop.

This contract with Johnson Controls, Inc. will replace the old, inefficient chillers with new high efficiency machines, and install one variable frequency drive (VFD) at Givens, and one new pump at Conley-Guerrero. The new chillers, VFD, and pump combination will reduce energy consumption and facility maintenance. This is expected to reduce operating costs and will provide a significant reduction of the City of Austin's carbon footprint.

This action will result in reducing the two facilities' electrical demand by a combined 10.1 kW, and energy usage by an estimated 50,618 kWh per year. These savings are equivalent to an estimated 32.7 tons of Carbon Dioxide, 57,482 vehicle miles traveled, removal of 7.2 cars from our roadways, the planting of 1,123 trees, or 56.1 acres of forest in Austin's parks.

Johnson Controls., Inc is contracted through TXMAS to provide this service and equipment to other public entities statewide. The cooperative purchasing program is coordinated by the State of Texas, Comptroller of Public Accounts and allows the City to use TXMAS contracts that have been developed from contracts that were competitively bid and awarded by the General Services Administrations Federal Supply Service. In addition to Johnson Controls, AE also solicited a quotation from Trane, Inc. and chose the lower of the two for this purchase. This expedited purchasing process is ideally suited to the expedited project completion requirements associated with ARRA Federal grants. A separate procurement for this equipment could compromise Austin Energy's ability to timely complete this money-saving project.