

## A G E N D A



## Recommendation for Council Action (Purchasing)

Austin City Council	Item ID:	20418	Agenda Number	31.
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Meeting Date:	December 13, 2012
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Department:	Purchasing
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## Subject

Authorize award and execution of a contract with JOHNSON CONTROLS INC., for the purchase of a 5,000 ton York Titan Chiller to be installed at Austin Energy's Downtown District Cooling Plant # 2 facility in an amount not to exceed \$9,000,000.

## Amount and Source of Funding

Funding is available in the Fiscal Year 2012-2013 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:	Oralia Jones, Senior Buyer/322-6594
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Boards and Commission Action:	Recommended by the Electric Utility Commission.
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MBE / WBE:	
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Related Items:	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 no goals were established for this solicitation, 0.377% MBE and 0.003% WBE subcontractor participation has been met.
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## Additional Backup Information

This contract with Johnson Controls Inc., Austin, TX, is for the purchase and installation of a 5,000 ton York Titan direct drive chiller at Austin Energy's Downtown District Cooling Plant # 2 (DCP2) facility.

Austin Energy's energy efficient design criteria require the use of direct drive chillers rather than gear driven units due to the higher energy efficiencies which are obtained. Utilizing this direct drive option results in an estimated energy savings of 29%. The York Titan 5,000 ton direct drive chiller is unique in that it is the only chiller of this capacity available with direct drive. The Master Plan for the District Cooling Plant was designed, built, and configured, including existing electrical system and piping, for a chiller of this design.

Austin Energy's Downtown District Cooling Plants are located at 3rd and San Antonio Streets (the Paul Robbins Plant) and 5th and Sabine Streets (DCP2). This downtown system provides chilled water to buildings including: Silicon Labs, Hobby Office, Plaza Lofts, Hilton Hotel, Hampton Hotel, Austin City Hall, Whole Foods Market, The Monarch, Austin 360 Condominiums, Courtyard by Marriot, Residence Inn by Marriot, The Shores, 515 Congress, The Austonian, Four Seasons Residences, AMLI High Rise, 5 Fifty Five Condos, and a mix of retail and restaurants along 2nd Street.

Johnson Controls Inc. (JCI) is the owner and manufacturer of York International products. JCI/York is the only provider of a constant or variable speed drive, single compressor chiller capable of producing 5,000 tons of cooling with a multistage compressor utilizing R-134a refrigerant and a direct drive motor. This chiller is not available for purchase from any other manufacturer or distributors.