

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date: June 27, 2016
	Agenda Item No. 48C Roll Call No. <u>16-1067</u> Communication No. <u>16-328</u> Submitted by: Benjamin R. Page, Park and Recreation Director John Newman, CIO, Information Technology Department

AGENDA HEADING:

Approving the purchase of building automation system (BAS) equipment needed to upgrade the current Heating, Ventilation, and Air Conditioning (HVAC) controllers to ones that are compatible with the current and future operating systems and security firewalls within the Information Technology (IT) department. Procurement Administrator determined that building automation products and services have been competitively bid and are available from Baker Group, 4224 Hubbell Avenue, Des Moines, IA 50317, BJ Baker III, Chairman & CEO, per State of Iowa Contract 3165-12A.

SYNOPSIS:

Recommend approval of the purchase of BAS equipment from Baker Group to upgrade the current system controllers to meet IT standards for security, administration, and reliability. There are 11 existing controllers at the Argonne Armory, four (4) at Pioneer Columbus Community Center, and one (1) at Public Works. These units are no longer manufactured and do not offer the level of security control and authorization needed to ensure the integrity and reliability of the City’s IT network. Upgrading these controllers focuses on the need to be directly controlled and secured by the BAS, increasing efficiency and improving protection against unauthorized network access. All existing cables, conduits, sensors and control devices will be utilized with the installation of the new controllers. This installation will allow the City to leverage the existing automation infrastructure to enhance the BAS to meet current and future needs. The City’s Building Services collaborated with IT to ensure the upgraded system met their standards.

FISCAL IMPACT:

Amount: \$76,486

Funding Source: C034PK99/BL074; CIP/HVAC, Electrical & Plumbing Improvements

ADDITIONAL INFORMATION:

- Replace 11 existing plant controllers with new compatible controllers on air handling units at the Argonne Armory.
- Replace four (4) existing plant controllers with new compatible controllers on air handling units at Pioneer Columbus Community Center.

- Replace existing plant controller with new compatible controller on air handling unit at the Public Works facility

PREVIOUS COUNCIL ACTION(S): NONE

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE

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