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**ADOPTED – BOARD OF TRUSTEES COMMUNITY
COLLEGE DISTRICT NO. 508
DECEMBER 1, 2011**

**BOARD OF TRUSTEES OF COMMUNITY COLLEGE DISTRICT NO. 508
COUNTY OF COOK AND STATE OF ILLINOIS**

**UPGRADE BUILDING AUTOMATION SYSTEM
JOHNSON CONTROLS, INC.
DISTRICT WIDE**

THE CHANCELLOR RECOMMENDS:

that the Board of Trustees authorizes the Chairman to execute an agreement with Johnson Controls, Inc., to provide an upgraded Building Automation System at various colleges, enhanced with the latest software revisions and mechanical features for the period from December 2011 through the date completion of installation or December 31, 2012, whichever is later, at a total cost not to exceed \$153,605.

VENDOR: Johnson Controls, Inc.
3007 Malmo Drive
Arlington Heights, Illinois 60005

USER: Various Colleges District Wide

TERM:

The term of the agreement will commence December, 2011 and continue until the later of the date of completion of the installation or December 31, 2012.

SCOPE OF SERVICES:

The Building Automation System (BAS) is a computerized, intelligent network of electronic devices designed to monitor and control the mechanical and lighting systems in City Colleges of Chicago buildings. BAS core functionality keeps the building climate within a specified range, provides lighting based on an occupancy schedule, and monitors system performance and device failures and provides email and/or text notifications to building engineering staff.

The purpose of the hardware upgrade is to increase the memory resident in the Network Automation Engines (NAEs) so that they have the capacity to handle the new software upgrades. Presently, we continue to run release 4.0 of Johnson Controls' Metasys software. They have since developed 3 new releases - 5.0, 5.1 and 5.2. Unfortunately, these cannot be loaded onto the old NAEs.

Johnson Controls will replace the outdated NAEs presently installed in our colleges, provide and install upgraded servers and provide other technical support services to ensure that City Colleges' physical plant is re-engineered to handle Johnson Controls latest software release as well as future

upgrades. The affected equipment is located at Daley, Olive Harvey, Malcolm X, West Side Learning Center, Arturo Velasquez, Harold Washington, Truman, and Kennedy King College.

Some of the new software enhancements include:

1. Ready Access Portal - Allows building engineers to interrogate their systems via handheld devices like I-Phones and Blackberries.
2. Tailored Summaries - Allow building operators to custom design reports that help them operate their facilities by grouping critical points into the same report
3. Wireless Sensors - Capability to use wireless sensors to greatly reduce the cost of installation.
4. Greater Processing Speeds - Greatly reduces the time to view reports and gather building summaries, making the system much more user friendly to building operators.

BENEFIT TO CITY COLLEGES OF CHICAGO:

The Office of Administrative and Procurement Services has reviewed this request for services and has determined that it would be in the best interest of the District to upgrade the BAS to ensure that they remain current with state of the art software and features that continue to maximize our energy efficiency and minimize energy costs. The downside of not upgrading is we will not be able to take advantage of the current and future software upgrades because the panels and computers do not have the capacity.

VENDOR SELECTION CRITERIA:

Pursuant to State law, purchases and contracts for the use, purchase, delivery, movement or installation software and services are exempt from the District’s competitive bidding requirements.

MBE/WBE COMPLIANCE:

The Office of M/WBE Contract Compliance has reviewed the above request and Johnson Controls, Inc. is in compliance with the Board Approved Participation Plan.

MBE Vendor:

PCS Power
279 East Helen Road
Palatine, IL 60067

Direct Participation

Cook County Certification

WBE Vendor:

All Tech Energy
1000 East State Parkway
Schaumburg, IL 60173

Direct Participation

Cook County Certification

GENERAL CONDITIONS:

Inspector General – It shall be the duty of each party to the agreement to cooperate with the Inspector General for City Colleges of Chicago in any investigation conducted pursuant to the Inspector General’s authority under Article II, Section 2.6.4(b) of the Board Rules for Management and Government.

Ethics – It shall be the duty of each party to the agreement to comply with the applicable provisions of the Board’s Ethics Policy adopted January 7, 1993, and as amended by the Board.

FINANCIAL:

Total: \$153,605

Charge to: Various Colleges

Sources of funds: Capital Fund

Restricted Fund

FY12: 92015-0005031-70000-00000-580000: \$153,605

Respectfully submitted,

**Cheryl L. Hyman
Chancellor**

December 1, 2011 – Office of Administrative Services and Procurement Services – District Office