TAB F

Board of Trustees
Washtenaw Community College

DISCUSSION

4800 E. Huron River Drive
Ann Arbor, Michigan 48105-4800

Subject	Date
Campus Wide Access Control System Upgrade Project	February 23, 2021

BACKGROUND

The College's access control system includes the hardware and software to electronically control the access, opening, and closing of 637 access points on campus including 14 buildings, 560 doors in instructional classrooms, labs, offices and additional units controlling hallways and counter gates. The system software is integrated with the Banner system and data loaded on staff IDs are read by proximity readers allowing access to specified areas and classrooms across campus. The system allows for remote auto lock down of individual rooms, hallways, buildings, and/or the entire campus in the case of an emergency. The College's first access control panels were installed in 2002 with the opening of the Gunder Myran building. Other buildings and classrooms have been added to the system including internal door control panels in classrooms allowing instructors to lock doors from inside classrooms.

The current control panel technology is approaching 20 years in use and is at 'end of life'. Access devices that are damaged or need to be replaced can no longer be purchased and the system is no longer supported. Also, the current system cannot be expanded due to access panels being at maximum capacity.

The proposed project will upgrade the end-of-life access control system (Continuum) platform which currently operates, and controls all secured entrances by upgrading the legacy software and hardware to a fully supported C-Cure 9000 security management platform. The platform will utilize network /IP-based technology to incorporate existing security infrastructure while migrating existing security database and interfaces to reduce overall cost of the project. The upgraded system will be integrated to Banner to ensure faculty are able to access their assigned classrooms/offices and staff are able to access assigned areas.

The project will maintain the external access devices currently on doors, hallways, gates, and inside classrooms. The current 34 access panels (controlling 637 access devices) will be expanded to 62 panels and upgraded to current technology. The addition of panels will allow for future expansion of up to 1000 access devices (doors, hallways, gates) from the current 637. Expanded access units have been identified for some external perimeter doors on six buildings, i.e., Crane Arts & Science building, that must be key-locked and unlocked by Public Safety staff. The external doors to these buildings cannot be locked remotely in the case of an emergency. Other pending access control projects include the renovations of Student Center and Morris Lawrence buildings and the Maintenance Garage Facility Building. The project will also integrate the Simplex 4100U fire alarm panel into the C-Cure 9000 management system.

Pricing

The proposed project will be completed by Johnson Controls Inc which is a sole source vendor for our access control and fire suppression systems. The cost of the proposed project is $409,708.80 and includes project coordination, materials, installation, technical services, data integration, and training.

Summary

The proposed Campus Wide Access Control System Upgrade Project upgrades the legacy software and hardware to a fully supported C-Cure 9000 security management platform. The proposed project will update all current panels and expand panels to potentially expand access devices from 637 to 1000 and integrate the fire alarm panels.

RECOMMENDATION

That the Board of Trustees approve a contract with Johnson Controls Inc for the Campus Wide Access Control System Upgrade Project in an amount not to exceed $409,708.80.

A ROLL CALL VOTE WILL BE TAKEN

Prepared by: Linda Blakey
Title: Executive Vice President
Student and Academic Services

Recommended by: Rose B. Bellanca, Ed.D.
Rose B. Bellanca, President
