

DISCUSSION

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

Subject
CLASB Fume Hood Replacement Contract Award

Date
April 23, 2019

Background

This project accomplishes the replacement of outdated chemical fume hoods serving the physical sciences spaces in the Crane Liberal Arts and Sciences Building. This work is a Deferred Maintenance project previously identified to the board and sufficient funds exist in that fund for this project.

There are currently 28 fume hoods located throughout the facility. The fume exhaust system, consisting of the fume hoods, ductwork, air valves, and roof-mounted exhaust fans, has not received major upgrades or repairs since the building was constructed. The system is interlocked with the building heating system to maintain consistent temperatures and air pressures. In the current condition the exhausting system is inefficient relative to modern standards and has surpassed its service life expectancy of 20-25 years. Despite investment in parts and labor, the hoods are unreliable and require frequent intervention by the Facilities staff to address failures and faults. Several of the hoods remain out of service and unusable by students, staff and faculty. This project repairs the existing cabinet bodies and replaces air valves, HVAC equipment and the entire control system. By addressing the operational needs of the exhausting system, this project also addresses gross energy inefficiencies by modernizing the equipment, programming and operational sequencing. The new control system is designed to foster remote monitoring while detailing real-time use and status of the system. This contract award would also include additive bid items for replacing HVAC reheat coils in the same spaces and adding an emergency purge feature for the hoods.

Bids for this project were received on April 12, 2019. Quality Air Service of Brighton, MI was low responsive bidder for this project with a bid of \$746,505.

RECOMMENDATION

It is the recommendation that the Board of Trustees approve a construction contract with Quality Air Services of Brighton, MI in the amount of \$746,505.

A ROLL CALL VOTE WILL BE TAKEN

Prepared by: Mark Allen
Title: Vice President, Facilities
Development and Operations

Recommended by: *Rose B. Bellanca E.D.*
Rose B. Bellanca, President
