

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

Subject
Morris Lawrence Air Handling Unit Replacement Contract

Date
September 25, 2018

Background

This project accomplishes the replacement of an existing outdated air handling unit serving the firing range in the Morris Lawrence Building. This work is a Deferred Maintenance project previously identified to the board and is budgeted for execution from that fund.

The existing air handling unit servicing the firing range area is original to the 28-year old building and has surpassed its expected service life of 25 years. The air handler's primary purpose is to eliminate toxic contaminants from the firing range environment during training sessions. The range is a heavily used facility supporting law enforcement classes at the College and sees a high demand from outside agencies as well. Any system failures have a direct impact to the tightly arranged training schedules. Beyond problems associated with reliability, the air handling unit was undersized for the requirement from original installation and utilizes a filtered, partial recirculating design that potentially reintroduces contaminants back into the training space if filters fail prematurely or filter preventive maintenance is not performed as scheduled. The humidification portion of the air handler is inoperative and no longer repairable. The unit will be replaced by a new air handling unit with an energy recovery unit (ERU), an exhaust fan, humidifier, and associated components. The project scope also includes architectural work to create an access opening use to install the equipment. This new unit will provide better temperature control, increase environmental safety, and improve energy efficiency in this specialized space.

On August 15, 2018, construction bids were received for this project and another separate project in the same area in an effort to capitalize on economies of scale. Monroe Plumbing & Heating Co., of Monroe, MI was low bidder for the scope of work at a cost of \$548,914.00.

RECOMMENDATION

It is the recommendation that the Board of Trustees approve a construction contract for Monroe Plumbing & Heating Co., of Monroe, MI in the amount of \$548,914.00.

A ROLL CALL VOTE WILL BE TAKEN

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

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