



CITY OF IOWA CITY COUNCIL ACTION REPORT

August 1, 2023

Resolution accepting the work for the Mercer Aquatic Center Pool Dehumidification System Improvements Project.

Prepared By: Ben Clark, Sr. Engineer
Reviewed By: Kumi Morris, Facilities Manager
Juli Seydell Johnson, Parks and Recreation Director
Jason Havel, City Engineer
Ron Knoche, Public Works Director
Geoff Fruin, City Manager
Fiscal Impact: None
Staff Recommendation: Approval
Commission Recommendations: N/A
Attachments: [Engineer's Report](#)
[Resolution](#)

Executive Summary:

The Mercer Aquatic Center Pool Dehumidification System Improvements Project was completed by Universal Climate Control, Inc. of Coralville, Iowa in substantial accordance with the plans and specifications prepared by Shive-Hattery, Inc., of Iowa City, Iowa. The Engineer's Report and Performance and Payment bonds are on file with the City Clerk.

- Project Estimated Cost: \$481,000.00
- Project Bid Received: \$621,433.00
- Project Actual Cost: \$645,590.16

There were three (3) change orders on this project, which included additional work for the Building Automation System controls, additional duct work and return grill in the chemical room, replacing an exterior rooftop access ladder, upsizing a louver and installing privacy slats that were not part of the original contract.

Background / Analysis:

The 2012 City Space Needs Study and Master Plan identified the Heating, Ventilation, and Air Conditioning (HVAC), mechanical and electrical systems as deficient, energy inefficient and requiring code updates throughout the facility. This project replaced the infrastructure's aging HVAC system and improved the building's air quality to meet the current building code.

The current code requires more fresh outdoor air supply, even air distribution, dehumidification and proper exhaust for a healthy environment for the building and the pool patrons. Another benefit of meeting the current code is that it will result in a reduction of use of pool chemicals.

