



Interoffice Memorandum

November 17, 2022

To: Mayor Jerry L. Demings
-AND-
County Commissioners

CM From: Carrie Mathes, CFCM, NIGP-CPP, CPPO, C.P.M., Manager II,
Procurement Division

Contact: Richard Steiger, FMA, Manager, Facilities Management Division
407-836-7473

Subject: Approval of Purchase Order M109336, Purchase and Installation of
Energy Management and Direct Digital Control System

ACTION REQUESTED:

Approval of Purchase Order M109336, Purchase and Installation of Energy Management and Direct Digital Control System, with MC2, Inc., in the amount of \$149,800.

PURPOSE:

This purchase order will provide for the furnishing and installation of an energy management and direct digital control system to Orange County Corrections Buildings D, E, F, and Female Detention Centre.

FUNDING:

Funding is available in account number 0001-043-1716-3810.

APPROVALS:

The Facilities Management Division concur with this recommendation.

REMARKS:

The server is no longer functioning as needed and ISS no longer supports these functions. Systems have to be replaced to allow for Building Automation System (BAS) controls of Buildings D, E, F, and Female Detention Centre. The ability to access the building automation systems for Female Detention Centre and D,E,F, buildings will be lost if the current BAS fails. If the system fails, there will be no control of temperatures and humidity for these four critical buildings that house inmates.

Approval of Purchase Order M109336, Purchase and Installation of Energy Management and Direct Digital Control System
Page 2

MC2, Inc. is the Schneider Electric Partner that is trained and authorized to sell, install and support Schneider Electric BAS. Original equipment manufacturer parts are required to be compatible with the existing equipment to be able to maintain building systems operations. This equipment including software/programming is proprietary and can only be provided by a Schneider Electric Partner. It must be installed by MC2 the authorized Schneider Partner to Orange County.

Johnson Controls Inc. was consulted for an alternative solution and provided a verbal cost of \$500,000 dollars to provide a temporary solution.