

## **AGENDA ITEM 7.D.**

**RE:** Approval of Computer Room Air Conditioning (CRAC) Unit Replacement for the Martin Building

**STAFF RECOMMENDATION:** Administration recommends approval of the replacement of the existing Computer Room Air Conditioning (CRAC) unit serving the Martin Building. The project will be completed by Industrial & Commercial Mechanical (ICM) in the amount of \$185,350.00 utilizing Buy Board Contract #720-23. Funding for the project will be provided through the College's Deferred Maintenance Fund.

**BACKGROUND:** The existing CRAC unit has reached the end of its useful service life and presents an increased risk of failure that could negatively impact mission-critical information technology infrastructure and campus operations. The replacement project is intended to ensure the continued reliability, cooling performance, and protection of critical IT equipment housed within the facility.

The scope of work includes the like-for-like replacement of the existing CRAC unit, including removal and disposal of the current equipment, installation of the replacement unit, reconnection to existing electrical and mechanical systems, startup, testing, commissioning, and final system verification. The replacement unit will match the existing system's cooling capacity, electrical characteristics, airflow configuration, and control interfaces in order to minimize infrastructure modifications and reduce implementation risk.

The project will be coordinated with campus personnel to minimize operational disruptions and ensure compliance with all applicable manufacturer requirements, local codes, and industry standards for data center cooling systems.

**BUDGETARY CONSIDERATIONS:** \$185,350.00 funded through deferred maintenance funds.

**CONTACT PERSONS:**

Dr. Minita Ramirez, President

Mr. Cesar E. Vela Jr., CPA, Vice President of Finance and Administration

Mr. Wicho Tijerina, Director of Plant Operations and Maintenance

Mr. Miguel Rangel, Director of Purchasing