



December 1, 2022

**TO:** THE DISTRICT BOARD OF TRUSTEES OF VALENCIA COLLEGE

**FROM:** DR. KATHLEEN PLINSKE  
President

**RE:** NETWORK ROOM FACILITIES UPGRADE AND SECURITY

Throughout Valencia's campuses, network hardware runs through Main Distribution Frame (MDF) and Independent Distribution frame (IDF) rooms. MDFs are computer rooms for servers, switches, and routers, and IDFs are remote rooms or closets that connect to the MDFs. Ensuring robust physical security and limited access to all college IDF and MDF rooms is an important strategy to maintain the physical safety and stability of college information technology assets. To make improvements in this area, the College will install 76 door access control units, 148 cameras, and update 30 power supplies that support the access control and camera systems. This \$1,500,000 improvement project, as identified in Valencia's 2022 September spending plan, will significantly enhance the overall physical security of our network infrastructure.

To facilitate the network enhancements, Valencia's office of Information Technology (OIT) and facilities staff worked directly with the College's contracted vendor, Signature Systems of Florida, to provide the functionality and technical requirements needed by the College. Leveraging the existing College contract awarded on February 26, 2020, Signature Systems' proposal provides a solution that includes, but is not limited to, equipment, infrastructure upgrades, and installation at a cost of \$799,289.

In addition, Valencia leveraged Florida Administrative Code (F.A.C.) 6A-14.0734 (2)(g), E&I Cooperative Agreement (CNR01439), and the Dell Technology Refresh Program (TRP) contracted by the Florida State College System, to obtain the best possible price for server hardware, installation costs and uninterrupted power sources with CDW-G, and network-attached storage hardware and installation costs from Dell. This acquisition will add additional servers and uninterrupted power sources to ensure that equipment remains current and improve overall redundancy for resiliency during unplanned outages, at an estimated cost of \$515,000.

**RECOMMENDED ACTION:**

The President recommends that the District Board of Trustees of Valencia College enter into an agreement for \$799,289 with Signature Systems of Florida and \$515,000 with CDW-G for the Office of Information Technology physical security upgrades.

  
\_\_\_\_\_  
President