

TO: Board of Directors
Region One Education Service Center

SUBJECT: Region One ESC Datacenter Refresh

DATE: December 18, 2018

ITEM 16: Action

BACKGROUND AND SIGNIFICANT ISSUES: The Region One ESC datacenter is the core of technology operations and consists of enterprise networking, storage, and processing hardware used to provide technology services to ESC staff and district/charter partners. The Technology for Learning division maintains the organizational datacenter and began the planning process in September 2017 to replace aging datacenter equipment. The existing equipment in the datacenter is approximately eight (8) years old and about three years beyond the recommended lifecycle for critical datacenter equipment. Additionally, by July 2020, Region One ESC will serve as a core site for the upcoming Orion regional fiber optic network and will need up-to-date equipment to support Orion operations.

The Technology for Learning Networking and Infrastructure Services team, in conjunction with the Chief Technology Officer and Information Security Officer, has vetted three (3) possible datacenter solutions provided by Dell, Cisco, and Hewlett-Packard, and after a technical appraisal, recommends the purchase of the Cisco Hyperflex solution for the Region One ESC datacenter.

RELATED GOAL(S):

- To create and provide quality services and support that enables school districts to operate more effectively and efficiently.
- To ensure sustainability through effective and efficient fiscal and operational management of all ESC programs.
- To ensure ESC One programs, products, and services provide best value enabling LEA's to operate economically and efficiently.

COST AND FUNDING SOURCES: The Cisco Hyperflex solution will cost \$222,386.11 and will be paid from Technology for Learning fund balance account(s).

EXECUTIVE DIRECTOR'S RECOMMENDATION: Recommend approval to purchase the *Cisco Hyperflex* solution for the Region One ESC datacenter refresh.

Respectfully submitted,



Dr. Cornelio Gonzalez
Executive Director

Staff Person(s) Responsible: Ali Kolahdouz, Chief Technology Officer
Renan Ramirez, Director for IT Operations
Daniel Ramirez, Information Security Officer

Region One ESC Datacenter Refresh

Action Taken

_____ made a motion to approve the purchase the *Cisco Hyperflex* solution for the Region One ESC datacenter refresh.

Seconded by: _____

Vote: _____