

SOLANO COMMUNITY COLLEGE DISTRICT
GOVERNING BOARD AGENDA ITEM

TO: Members of the Governing Board

SUBJECT: DATACENTER SERVER AND STORAGE
INFRASTRUCTURE UPGRADES FOR IT
INFRASTRUCTURE IMPROVEMENTS PROJECT

REQUESTED ACTION:

☐ Information OR ☒ Approval
☐ Consent OR ☒ Non-Consent

SUMMARY:

Board approval is requested for the planned technology infrastructure purchase of server and storage hardware, technology subscriptions, and supporting services from Portola Systems Inc, as part of the work on the continuing IT Infrastructure Improvements Project. This project will upgrade the District's datacenter infrastructure at the Fairfield, Vallejo, and Vacaville campuses. The investment will expand computing and storage capacity at the Vallejo and Vacaville sites, while strengthening districtwide business continuity and disaster recovery preparedness.

(CONTINUED ON NEXT PAGE)

STUDENT SUCCESS IMPACT:

- ☐ Help our students achieve their educational, professional and personal goals
☐ Basic skills education
☐ Workforce development and training
☐ Transfer-level education
☒ Other: Enhanced datacenter resiliency ensures uninterrupted access to critical technology services and resources.

Ed. Code: NA Board Policy: NA Estimated Fiscal Impact: **\$591,761.88 Measure Q Funds**

SUPERINTENDENT'S RECOMMENDATION:

☒ APPROVAL ☐ DISAPPROVAL
☐ NOT REQUIRED ☐ TABLE

Jon Cornelison
Vice President, Technology Services & Support

PRESENTER'S NAME

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Fairfield, CA 94534

ADDRESS

(707) 863-7855

TELEPHONE NUMBER

Susan Wheet
Vice President, Finance and Administration

VICE PRESIDENT APPROVAL

September 19, 2025

**DATE SUBMITTED TO
SUPERINTENDENT-PRESIDENT**

Kellie Sims Butler, Ph.D.
Superintendent-President

October 1, 2025

**DATE APPROVED BY
SUPERINTENDENT-PRESIDENT**

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SUMMARY:

CONTINUED FROM THE PREVIOUS PAGE

These upgrades are part of the District's technology modernization plan and will improve system resiliency, safeguard critical operations, and increase the resiliency of IT services so that the District is able to sustain services during unplanned outages or emergencies while also meeting ongoing centralized storage needs. Portola Systems Inc's pricing is based upon CMAS Contract #3-24-03-1065, a piggyback contract.

The Board is asked to approve the purchase order with Portola Systems Inc in the amount of \$591,761.88.

This document is available online at: <https://welcome.solano.edu/measureq/approved-contracts/>

Item #	Mfr. Part	Description	Qty.
Nutanix HW & 3yr Licensing			
1	NX-3360-G9-5416S-CM	NX-3360-G9, 3 Node; 2x Intel Xeon-Gold 5416S processor (2.0 GHz/ 16-core/ 150W, Sapphire Rapids) per node Mfr: Nutanix	1
*2	PROMO-SW-NCI-PRO-PR	Subscription, Nutanix Cloud Infrastructure (NCI) Pro Software License & Production Software Support Service for 1 CPU Core. One-time promotional offer - includes a free first-year subscription. For new customers only. Mfr: Nutanix	96
*3	Term-Months	Term: 36 Months Mfr: Nutanix	1
*4	S-HW-UPGRADE	Hardware support for Upgrade part qualified for NX-core platform Mfr: Nutanix	1
5	C-MEM-64GB-5600-CM	64GB Memory Module (5600MHz DDR5 RDM) Mfr: Nutanix	36
6	C-HDD-NONE-CM	No HDD Included. Mfr: Nutanix	1
7	C-SSD-7.68TB-B-CM	7.68 TB SSD Mfr: Nutanix	12
8	C-LOM-10G2D1BT-CM	LOM Module: Broadcom 10GbE, 2-port, Base-T NIC (BCM 57416) Mfr: Nutanix	3
9	C-NIC-25G2A2-CM	Mellanox 25/10GbE, 2-port, NIC (CX6 25GbE); transceiver not included Mfr: Nutanix	3
10	C-PWR-6FC20C21A-CM	C20/C21, 20A, 6ft Power cord Mfr: Nutanix	2
*11	S-HW-PRD	24/7 Production Level HW Support for Nutanix HCI appliance Mfr: Nutanix	3
*12	Support-Term	Support Term: 36 Months Mfr: Nutanix	1
13	C-TPM-2.0-U-CM	Hardware TPM 2.0 Module Unprovisioned Mfr: Nutanix	3
*14	CNS-INF-A-SVC-DEP-ONP-AHV	Service, Infrastructure Deployment - On-Premises NCI Cluster - Nutanix AHV. For each quantity purchased, deployment is limited to 1 node. A maximum of 64 nodes distributed in up to 4 on-premises NCI clusters of a single hypervisor type at a single physical site. Mfr: Nutanix	3
*15	Platform Integration	Platform Integration Fee Mfr: Nutanix	1
16	NX-8155-G9-5416S-CM	NX-8155-G9, 1 Node; 2x Intel Xeon-Gold 5416S processor (2.0 GHz/ 16-core/ 150W, Sapphire Rapids) per node Mfr: Nutanix	4
*17	PROMO-SW-NCI-PRO-PR	Subscription, Nutanix Cloud Infrastructure (NCI) Pro Software License & Production Software Support Service for 1 CPU Core. One-time promotional offer - includes a free first-year subscription. For new customers only. Mfr: Nutanix	128
*18	Term-Months	Term: 36 Months Mfr: Nutanix	1
19	C-MEM-64GB-5600-CM	64GB Memory Module (5600MHz DDR5 RDM) Mfr: Nutanix	96
20	C-HDD-8TB-EA-CM	8TB, 3.5" HDD Mfr: Nutanix	16
21	C-NVM-15.36TB-A-CM	15.36 TB NVMe SSD Mfr: Nutanix	8
22	C-HBA-3816-1N-A-CM	12Gb/s Gen4 HBA Mfr: Nutanix	4
23	C-LOM-10G2D1BT-CM	LOM Module: Broadcom 10GbE, 2-port, Base-T NIC (BCM 57416) Mfr: Nutanix	4
24	C-NIC-25G2A2-CM	Mellanox 25/10GbE, 2-port, NIC (CX6 25GbE); transceiver not included Mfr: Nutanix	4
25	C-PWR-4FC13C14A-CM	C13/C14, 10A, 4ft Power cord Mfr: Nutanix	8
*26	S-HW-PRD	24/7 Production Level HW Support for Nutanix HCI appliance Mfr: Nutanix	4

Item #	Mfr. Part	Description	Qty.
*27	Support-Term	Support Term: 36 Months Mfr: Nutanix	1
28	C-TPM-2.0-U-CM	Hardware TPM 2.0 Module Unprovisioned Mfr: Nutanix	4
*29	CNS-INF-A-SVC-DEP-ONP-AHV	Service, Infrastructure Deployment - On-Premises NCI Cluster - Nutanix AHV. For each quantity purchased, deployment is limited to 1 node. A maximum of 64 nodes distributed in up to 4 on-premises NCI clusters of a single hypervisor type at a single physical site. Mfr: Nutanix	4
*30	Platform Integration	Platform Integration Fee Mfr: Nutanix	1
31	NX-3360-G9-5416S-CM	NX-3360-G9, 3 Node; 2x Intel Xeon-Gold 5416S processor (2.0 GHz/ 16-core/ 150W, Sapphire Rapids) per node Mfr: Nutanix	1
*32	PROMO-SW-NCI-PRO-PR	Subscription, Nutanix Cloud Infrastructure (NCI) Pro Software License & Production Software Support Service for 1 CPU Core. One-time promotional offer - includes a free first-year subscription. For new customers only. Mfr: Nutanix	96
*33	Term-Months	Term: 36 Months Mfr: Nutanix	1
34	C-MEM-64GB-5600-CM	64GB Memory Module (5600MHz DDR5 RDM) Mfr: Nutanix	36
35	C-HDD-NONE-CM	No HDD Included. Mfr: Nutanix	1
36	C-SSD-7.68TB-B-CM	7.68 TB SSD Mfr: Nutanix	12
37	C-LOM-10G2D1BT-CM	LOM Module: Broadcom 10GbE, 2-port, Base-T NIC (BCM 57416) Mfr: Nutanix	3
38	C-NIC-25G2A2-CM	Mellanox 25/10GbE, 2-port, NIC (CX6 25GbE); transceiver not included Mfr: Nutanix	3
39	C-PWR-6FC20C21A-CM	C20/C21, 20A, 6ft Power cord Mfr: Nutanix	2
*40	S-HW-PRD	24/7 Production Level HW Support for Nutanix HCI appliance Mfr: Nutanix	3
*41	Support-Term	Support Term: 36 Months Mfr: Nutanix	1
42	C-TPM-2.0-U-CM	Hardware TPM 2.0 Module Unprovisioned Mfr: Nutanix	3
43	U-RAIL-1U-D-CM	Upgrade, 1U Chassis, Short Mfr: Nutanix	4
*44	CNS-INF-A-SVC-DEP-ONP-AHV	Service, Infrastructure Deployment - On-Premises NCI Cluster - Nutanix AHV. For each quantity purchased, deployment is limited to 1 node. A maximum of 64 nodes distributed in up to 4 on-premises NCI clusters of a single hypervisor type at a single physical site. Mfr: Nutanix	3
*45	Platform Integration	Platform Integration Fee Mfr: Nutanix	1
*46	CNS-INF-A-SVC-MIG-VMS-INP	Service, Virtual Machine Migration with In-person Delivery. For each purchased, migration of all VM packs is limited to a single migration event and each pack is limited to migration of 5 VMs or 2.5TiB of total data. Mfr: Nutanix	3
*47	EDU-C-NHCF-INV	Education, Individual seat for Nutanix Hybrid Cloud Fundamentals (NHCF) course. Associate-level course. For in- depth content at the Professional level, choose Enterprise Cloud Administration (ECA) course, which covers similar topics to NHCF regarding key administrative tasks: deployment, configuration, migration, reporting, etc. Delivery: Virtual Instructor-led (vILT) in English. Duration: 2 Days. Priced per individual seat. One single-use exam voucher for each individual student included. Term: Training must be consumed or scheduled within 12 months of purchase date. Mfr: Nutanix	2

Item #	Mfr. Part	Description	Qty.
CMAS			
*48	CMAS Contract	CMAS Contract #: 3-24-03-1065 Mfr:	1
SFP 25G cables for Existing Switches			
49	SFP-25G-AOC3M=	Cisco 25G Active Optical Cable 3-meter - 9.84 ft Fiber Optic Network Cable for Network Device, Switch, Line Card - First End: SFP28 Network - Second End: SFP28 Network - 25 Gbit/s Mfr: CISCO SYSTEMS, INC UNSPSC: 26121607	20
50	SFP-H25G-CU5M=	CISCO 25GBASE-CR1 SFP28 PASSIVE COPPER CABLE, 5-METER - 16.40 FT SFP28 NETWORK CABLE FOR NETWORK DEVICE - FIRST END: SFP28 NETWORK - SECOND END: SFP28 NETWORK - 25 GBIT/S - GRAY Mfr: CISCO SYSTEMS, INC, UNSPSC: 26121609	4
New Cisco C9500-24Y4C Switches			
51	C9500-24Y4C-E	Cisco Catalyst C9500-24Y4C Layer 3 Switch - Manageable - 100 Gigabit Ethernet - 100GBase-X - 3 Layer Supported - Modular - 650 W Power Consumption - Optical Fiber - 1U - Rack-mountable - Lifetime Limited Warranty Mfr: CISCO SYSTEMS, INC UNSPSC: 43222612	2
52	CON-L1NCD-C95024EY	Cisco CX Success Tracks Level 1 - Service - 8 x 7 x Next Calendar Day - Exchange Mfr: CISCO SYSTEMS, INC UNSPSC: 81111812	
53	CSC-CAB-9K12A-NA	Power Cord, 125VAC 13A NEMA 5-15 Plug, North America Mfr: Cisco	4
54	C9K-PWR-650WAC-R	C9K-PWR-650WAC-R - 650W AC Config 4 Power Supply front to back cooling - AC 90VAC to 264VAC, 47 to 63 Hz - Efficiency 94% - Input: AC IEC 60320 C14 - MTBF 2268760 (hours) Mfr: CISCO SYSTEMS, INC UNSPSC: 43201553	2
55	C9K-PWR-650WAC-R/2	Cisco Redundant Power Supply Mfr: CISCO SYSTEMS, INC UNSPSC: 39121004	2
56	C9K-F1-SSD-BLANK=	Cisco pluggable SSD storage Mfr: CISCO SYSTEMS, INC UNSPSC: 43201830	2
57	C9K-T1-FANTRAY	Cisco Catalyst 9500 Fan Tray - 4 Fan - Front to Back Air Discharge Pattern Mfr: CISCO SYSTEMS, INC UNSPSC: 40101604	4
58	C9500-SSD-NONE	No SSD Card Selected Mfr: Cisco	2
59	C9500-RFID-NONE	No RFID Selected Mfr: Cisco	2
60	S9500UK9-1712	CISCO CATALYST 9500 XE 17.12 UNIVERSAL Mfr: Cisco	2
*61	C9500-DNA-24Y4C-E	C9500 DNA Essentials, Term License Mfr: Cisco	2
*62	CON-L1SWT-C9524YCE	Cisco CX Success Tracks Level 1 - Service - Exchange Mfr: CISCO SYSTEMS, INC UNSPSC: 81111812	2
*63	C9500-DNA-L-E-3Y	Cisco Network and Digital Network Architecture Essentials for Catalyst 9500 - Term License - 1 Switch - 3 Year Mfr: CISCO SYSTEMS, INC UNSPSC: 43231512	2
*64	C9500-NW-E	C9500 Network Stack, Essentials Mfr: Cisco	2
*65	NETWORK-PNP-LIC	Cisco Network Plug-n-Play Connect for zero-touch device deployment - License - 1 license Mfr: CISCO SYSTEMS, INC UNSPSC: 43231512	2