

**RESOLUTION
ROCK COUNTY BOARD OF SUPERVISORS**

Finance Committee
INITIATED BY



Diana Arneson, Security Officer
DRAFTED BY

Finance Committee
SUBMITTED BY

April 30, 2020
DATE DRAFTED

AUTHORIZING PURCHASE OF REPLACEMENT NETWORK SERVERS

- 1 **WHEREAS**, the Rock County Information Technology Department is authorized to purchase computer
- 2 hardware on behalf of the County; and,
- 3
- 4 **WHEREAS**, the Rock County Information Technology Department each year replaces a number of its
- 5 network servers to keep the County's network infrastructure current; and,
- 6
- 7 **WHEREAS**, the Rock County's Information Technology Department's current server farm contains
- 8 devices with a remaining useful life at or near the end of service; and,
- 9
- 10 **WHEREAS**, the Information Technology Department staff did review and configure server hardware
- 11 available on the State of Wisconsin Contract # 505ENT-M16-DATACOMMUN-01; Wisconsin Cisco
- 12 NASPO ValuePoint Contract (AR233); and,
- 13
- 14 **WHEREAS**, funds for the purchase of the replacement network servers were included in the 2020 Rock
- 15 County budget.
- 16
- 17 **NOW, THEREFORE, BE IT RESOLVED** that the Rock County Board of Supervisors duly assembled
- 18 this 28th day of May, 2020 that a Purchase Order for the purchase of Replacement Network
- 19 Servers be issued to CDW~~G~~ in Vernon Hills, IL in the amount of \$114,872.46.

Respectfully submitted,

FINANCE COMMITTEE

/s/Mary Mawhinney
Mary Mawhinney, Chair

/s/Stephanie Aegerter
Stephanie Aegerter

/s/Wes Davis
Wes Davis

/s/Brent Fox
Brent Fox

Kara Purviance
Kara Purviance

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Page 2

FISCAL NOTE:

The purchase of the servers were included in the 2020 budget. The purchase is being funded with sales tax revenue.

/s/ Sherry Oja

Sherry Oja
Finance Director

LEGAL NOTE:

The County Board is authorized to take this action pursuant to secs. 59.01 and 59.51, Wis. Stats. In addition, sec. 59.52(29), Wis. Stats. requires the project to be let to the lowest responsible bidder.

/s/Richard Greenlee

Richard Greenlee
Corporation Counsel

ADMINISTRATIVE NOTE:

Recommended.

/s/Josh Smith

Josh Smith
County Administrator

Authorizing Purchase of Replacement Network Servers

Network servers are used for day-to-day operations and are essential to our County operations.

While maintaining maximum ROI from our hardware, we must also keep our servers optimized for performance, reliability, features, and functionality. Maintaining up to date hardware will support current Operating Systems with updated security features. We must keep infrastructure equipment current and supported by both hardware warranties and software maintenance.

The benefit of moving ahead with these hardware replacements is that it allows us to migrate off old hardware platforms and onto new systems that provide more compute power as well as single point of administration. They will give us greater density for more virtual servers while requiring less data center space, energy and cooling costs, maintenance time, and licensing costs. This will also allow us the ability to more easily move the systems to alternate county data centers when the IT department is moved to a new location and the Health Care Center is raised.

CDW-G provides these servers under state contract #: 505ENT-M16-DATACOMMUN-01; Wisconsin Cisco NASPO ValuePoint Contract (AR233). Rock County IT is requesting authorization to purchase these servers to replace existing servers from CDW-G for a total not to exceed \$114,872.46.



PRICE QUOTE

QUOTE ID: 488439
 Revision: 5
 CUSTOMER ID: 1775445
 QUOTE DATE: 04/29/2020
 QUOTE EXPIRES: 06/29/2020
 PAYMENT TERMS: Net 30 Days
 FOB: Port of Origin

5520 Research Park Drive
 Madison, WI 53711-5377

Attention: Dave Tinker
 Prepared for: Rock County
 3530 N County Hwy F
 Janesville, WI
 53545

Sales Person: Mike Sasada
 Phone: (608) 298-1014
 Email: mksasa@cdw.com
 ISR: Kathryn Calbeo
 Phone: (248) 223-4508
 Email: ktrfbas@cdw.com

Line #	Qty	Part Number	Description	Customer Price	Customer Extended Price	
1-1		Wisconsin Cisco NASPO ValuePoint (AR-233)				
1-2		12 MONTH SMARTNET				
1-3		HX-SP-240M5-V1				
1-4	1	HX-SP-240M5-V1	UCS SP HX220c M5 Value1	\$ -	\$ -	
1-5	3	HX-SP-240M5SX-V1	SP HX240c Hyperflex System w/2x4114,12x32Gmem	\$ 14,034.65	\$ 42,103.95	
1-6	3	CON-SNT-HXSPM5V1	SNTC-8X5XNBD SP HX240c Hyperflex System w/2x4114	\$ 1,438.80	\$ 4,316.40	
1-7	6	HX-CPU-4114	2.2 GHz 4114/85W 10G/13.75MB Cache/DDR4 2400MHz	\$ -	\$ -	
1-8	36	HX-MR-X32G2RS-H	32GB DDR4-2666-MHz RDIMM/PC4-21300/dual rank/x4/1.2v	\$ -	\$ -	
1-9	3	HX-PCI-1-C240M5	Riser 1 incl 3 PCIe slots (x8, x16, x8)	\$ -	\$ -	
1-10	3	HX-PCI-2B-240M5	Riser 2B incl 3PCieslots(x8,x16,x8)+2NVMe(1cntr)supportsGPU	\$ -	\$ -	
1-11	3	HX-MLOM-C40Q-03	Cisco VIC 1387 Dual Port 40Gb QSFP CNA MLOM	\$ -	\$ -	
1-12	3	HX-M2-240GB	240GB SATA M.2	\$ -	\$ -	
1-13	3	HX-MSD-32G	32GB Micro SD Card for UCS M5 servers	\$ -	\$ -	
1-14	6	HX-PSU1-1600W	Cisco UCS 1600W AC Power Supply for Rack Server	\$ -	\$ -	
1-15	6	CAB-C13-CBN	Cabinet Jumper Power Cord, 250 VAC 10A, C14-C13 Connectors	\$ -	\$ -	
1-16	3	HX-RAILB-M4	Ball Bearing Rail Kit for C220 M4 and C240 M4 rack servers	\$ -	\$ -	
1-17	6	UCSC-HS-C240M5	Heat sink for UCS C240 M5 rack servers 150W CPUs & below	\$ -	\$ -	
1-18	27	UCSC-BBLKD-S2	UCS C-Series M5 SFF drive blanking panel	\$ -	\$ -	
1-19	3	UCS-MSTOR-M2	Mini Storage carrier for M.2 SATA/NVME (holds up to 2)	\$ -	\$ -	
1-20	3	HX240C-SZL-M5S	HX240C M5 Security Bezel	\$ -	\$ -	
1-21	3	UCSC-RSAS-240M5X	C240 Rear UCS-RAID-M5HD SAS cbl(1)kitinclfan,bkph	\$ -	\$ -	
1-22	3	HX-SAS-M5HD	Cisco 12G Modular SAS HBA for up to 28 drives	\$ -	\$ -	
1-23	3	HX-STD-08A	HX Standard w/1x1.8TB SAS, 1x240GB SATA, 15x1.8TB SAS	\$ 10,900.00	\$ 32,400.00	
1-24	3	HX-SD16T123X-EP	1.6TB 2.5in Enterprise Performance 12G SAS SSD(3X endurance)	\$ -	\$ -	
1-25	45	HX-HD18TB10K4KN	1.8TB 12G SAS 10K RPM SFF HDD (4K)	\$ -	\$ -	
1-26	3	HX-SD240GM1X-EV	240GB 2.5 inch Enterprise Value 6G SATA SSD	\$ -	\$ -	
1-27	3	HX-VSP-6-5-FND-D	Factory Installed -vSphere SW 6.5 Enduser to provide License	\$ -	\$ -	
1-28	3	HX-VSP-6-5-FND-DL	Factory Installed - VMware vSphere 6.5 SW Download	\$ -	\$ -	
1-29	6	QSFP-H40G-CU3M	40GBASE-CR4 Passive Copper Cable, 3m	\$ 99.26	\$ 596.16	

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**PEOPLE
WHO
GET IT™**



PRICE QUOTE

QUOTE ID: 488439 Revision: 5

Prepared for: Rock County

Line #	Qty	Part Number	Description	Customer Price	Customer Extended Price
1-30	2	HX-SP-FI6332	UCS SP Hyperflex 6332 FI w/8p Lic	\$ 8,048.00	\$ 16,092.00
1-31	2	CON-SNT-HXSPPF63	SNTC-8X5XNBD UCS SP Hyperflex 6332 FI w/8p Lic	\$ 1,303.85	\$ 2,607.70
1-32	2	N10-MGT015-HX	UCS Manager v3.2(1) for HyperFlex	\$ -	\$ -
1-33	2	UCS-ACC-6332	UCS 6332/ 6454 Chassis Accessory Kit	\$ -	\$ -
1-34	5	UCS-FAN-6332	UCS 6332/ 6454 Fan Module	\$ -	\$ -
1-35	4	UCS-PSU-6332-AC	UCS 6332/ 6454 Power Supply/100-240VAC	\$ -	\$ -
1-36	4	CAB-C13-C14-2M	Power Cord Jumper, C13-C14 Connectors, 2 Meter Length	\$ -	\$ -
1-37	8	QSFP40G-SR-BD	QSFP40G BiDi Short-reach Transceiver	\$ -	\$ -
1-38	3	HXDP-S001-1YR=	Cisco HyperFlex Data Platform Standard Edition 1 Yr Subscrip	\$ -	\$ -
1-39	3	HXDPS001-1YR	HyperFlex Data Platform Standard Edition 1 Yr Subscription	\$ 2,888.75	\$ 8,806.25
				Sub Total: \$ 106,722.46	
2-1	Professional Services				
2-2	1		Professional Services	\$ 8,150.00	\$ 8,150.00
				Sub Total: \$ 8,150.00	
				Quote Total: \$ 114,872.46	