

SUBJECT: APPROVE PURCHASE OF DELL SERVERS FOR THE CITY OF LOUISVILLE LIBRARY PATRON NETWORK

DATE: OCTOBER 1 ,2024

PRESENTED BY: PAULINA BENNETT, INFORMATION TECHNOLOGY DIRECTOR

SUMMARY:

The IT department has identified that the Library Patron Servers need to be replaced. The outdated servers are end of life and could be a cyber security risk if not replaced. These servers run all services for the City's Library and patron services.

FISCAL IMPACT:

This is a one-time purchase of \$35,952.80. This purchase was not budgeted in the 2024 budget and will require a budget amendment to the CIP Server Replacement Project GL 301173-650099

This purchase will be procured using a State of Colorado bid process from General Services Administration (GSA). This type of procurement is permitted in the Louisville Procurement Policy on any supply, equipment, or vehicle purchase under \$500,000.

PROGRAM/SUB-PROGRAM IMPACT:

This project helps to maintain a secure and connected network ensuring all users have appropriate technological resources to effectively perform their jobs.

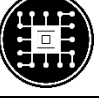
RECOMMENDATION:

Approve the procurement of the Dell Servers for Library Patron Network.

ATTACHMENT(S):

1. CDW-G Quote

STRATEGIC PLAN IMPACT:

☐	 Financial Stewardship & Asset Management	☒	 Reliable Core Services
☐	 Vibrant Economic Climate	☐	 Quality Programs & Amenities
☒	 Engaged Community	☐	 Healthy Workforce
☒	 Supportive Technology	☐	 Collaborative Regional Partner



Dell R7615 Server Summary

Prepared For: City of Louisville

Customer #: 5143572

Project: Dell PE R7615 Server

Date: 7/19/2024

Submitted By: Ashton Sellers

Sr Account Manager

Phone: (312) 705-5567

E-Mail: ashtsel@cdwg.com

Quote #: 1 & 2

Qty.	Description	Extended Sell
1	Dell PE R7615 Tailer Made - With CAL	\$18,603.39
Total:		\$18,603.39
1	Dell PE R7615 Tailer Made - Without CAL	\$17,349.41
Total:		\$17,349.41
		Extended Sell
Solution Total:		\$35,952.80

Prepared By: Marion Massey (Solution Architect Support Specialist)

Prices are contingent on final pricing approval from Manufacturer

Quote provided based on specification provided by customer. No workload validation has been done.

The terms and conditions provided on this link apply: <https://www.cdwg.com/content/cdwg/en/terms-conditions.html>

Applicable Taxes and Shipping not shown.



Dell PE R7615 Tailer Made - With CAL Detail



Date: 7/19/2024

Quote #: 3000179099861.1

Qty. Part Numbers Description			
Hardware	1	210-BFVW	PowerEdge R7615
	1	379-BDTF	2.5 Chassis
	1	379-BDSW	SAS/SATA/NVMe Capable Backplane
	1	379-BDTE	No Rear Storage
	1	461-AAIG	Trusted Platform Module 2.0 V3
	1	321-BIEV	2.5" Chassis with up to 24 SAS4/SATA Drives including 8 Universal Slots (NVMe Direct), Front PERC 11
	1	338-CGXE	AMD EPYC 9174F 4.10GHz, 16C/32T, 256M Cache (320W) DDR5-4800
	1	412-BBFX	High Performance Heatsink
	1	370-AHLL	Performance Optimized
	1	370-BBRX	5600MT/s RDIMMs
	1	780-BCDS	Unconfigured RAID
	1	405-AAZB	PERC H755 SAS Front
	1	750-ADUB	Front PERC Mechanical Parts, for 2.5" x24 SAS/SATA Chassis
	1	384-BBBL	Performance BIOS Settings
	1	800-BBDM	UEFI BIOS Boot Mode with GPT Partition
	1	750-ACOM	Fan Foam, HDD 2U
	1	750-ADGJ	Very High Performance Fan x6
	1	450-AKKS	Dual, Hot-Plug, Power Supply, 1100W MM (100-240Vac) Titanium, Redundant (1+1)
	1	330-BCCM	Riser Config 1, 2 x16 FH (1x Gen5) + 2 x8 LP
	1	329-BJSF	PowerEdge R7615 Motherboard V2
	1	540-BDJL	Nvidia ConnectX-6 Lx Dual Port 10/25GbE SFP28, No Crypto, OCP NIC 3.0
	1	540-BDKD	Broadcom 5720 Dual Port 1GbE LOM
	1	470-AEYU	No Cables Required
	1	325-BEUI	PowerEdge 2U Standard Bezel
	1	403-BCRU	BOSS-N1 controller card + with 2 M.2 480GB (RAID 1)
	1	470-AFMY	BOSS Cables and Bracket for R7615 (Riser1)
	1	634-BYJS	Windows Server 2022 Datacenter,16CORE,FI,No MED,UnLTD VMs,NO CALs, Multi Language
	1	528-CSCT	Windows Server 2022 Datacenter,16CORE,DF Recovery Image, Multi Lang, (Downgrade not included)
	1	528-CTIC	iDRAC9, Enterprise 16G
	1	350-BBYX	No Quick Sync
	1	379-BCQY	iDRAC Group Manager, Disabled
	1	770-BDRQ	Cable Management Arm, 2U
	1	770-BEKK	ReadyRails Sliding Rails
	1	631-AACK	No Systems Documentation, No OpenManage DVD Kit
	1	470-AFOO	PowerEdge R7615 CCC Marking, No CE Marking
	1	817-BBBP	None Required
	8	370-BBRQ	16GB RDIMM, 5600MT/s, Single Rank
	8	400-AZUT	480GB SSD SATA Mix Use 6Gbps 5 12 2.5in Hot-plug AG Drive, 3 DWPD
	2	492-BBDG	Jumper Cord - C13/C14, 4M, 250V, 12A (North America, Guam, North Marianas, Philippines, Samoa)
	2	414-BBJB	PCIe Blank Filler, Low Profile
	2	407-BCBE	Dell EMC PowerEdge SFP+ SR Optic 10GbE 850nm
	4	634-BYKC	10-pack of Windows Server 2022/2019 Device CALs (Standard or Datacenter)
Hardware Total:			Extended Sell \$17,378.28
ware	1	379-BCSF	iDRAC,Factory Generated Password

Qty.		Part Numbers	Description	
Soft				Extended Sell
			Software Total:	\$0.00
Support	1	886-9339	ProSupport 7x24 Technical Support and Assistance 5 Years	
	1	886-9348	ProSupport Next Business Day On-Site Service After Problem Diagnosis 5 Years	
	1	886-9351	Dell Hardware Limited Warranty Plus On-Site Service	
			Support Total:	\$1,168.96
Services	1	379-BCQX	iDRAC Service Module (ISM), NOT Installed	
	1	340-DHNL	PowerEdge R7615 Shipping	
	1	340-DCZQ	PowerEdge R7615 Shipping Material	
	1	900-9997	On-Site Installation Declined	
Misc.			Services Total:	\$56.15
				Extended Sell
Misc.	1	989-3439	Thank you choosing Dell ProSupport. For tech support, visit //www.dell.com/support or call 1-800- 945-3355	
			Misc. Total:	\$0.00
				Extended Sell
			Solution Total:	\$18,603.39

Pricing expires 30 calendar days from date on Proposal

Prepared By: Marion Massey (Solution Architect Support Specialist)
 Prices are contingent on final pricing approval from Manufacturer
 Quote provided based on specification provided by customer. No workload validation has been done.
 The terms and conditions provided on this link apply: <https://www.cdwg.com/content/cdwg/en/terms-conditions.html>
 Applicable Taxes and Shipping not shown.



Dell PE R7615 Tailer Made - Without CAL Detail



Date: 7/19/2024

Quote #: 3000179099862.1

Qty.		Part Numbers	Description
Hardware	1	210-BFVW	PowerEdge R7615
	1	379-BDTF	2.5 Chassis
	1	379-BDSW	SAS/SATA/NVMe Capable Backplane
	1	379-BDTE	No Rear Storage
	1	461-AAIG	Trusted Platform Module 2.0 V3
	1	321-BIEV	2.5" Chassis with up to 24 SAS4/SATA Drives including 8 Universal Slots (NVMe Direct), Front PERC 11
	1	338-CGXE	AMD EPYC 9174F 4.10GHz, 16C/32T, 256M Cache (320W) DDR5-4800
	1	412-BBFX	High Performance Heatsink
	1	370-AHLL	Performance Optimized
	1	370-BBRX	5600MT/s RDIMMs
	1	780-BCDS	Unconfigured RAID
	1	405-AAZB	PERC H755 SAS Front
	1	750-ADUB	Front PERC Mechanical Parts, for 2.5" x24 SAS/SATA Chassis
	1	384-BBBL	Performance BIOS Settings
	1	800-BBDM	UEFI BIOS Boot Mode with GPT Partition
	1	750-ACOM	Fan Foam, HDD 2U
	1	750-ADGJ	Very High Performance Fan x6
	1	450-AKKS	Dual, Hot-Plug, Power Supply, 1100W MM (100-240Vac) Titanium, Redundant (1+1)
	1	330-BCCM	Riser Config 1, 2 x16 FH (1x Gen5) + 2 x8 LP
	1	329-BJSF	PowerEdge R7615 Motherboard V2
	1	540-BDJL	Nvidia ConnectX-6 Lx Dual Port 10/25GbE SFP28, No Crypto, OCP NIC 3.0
	1	540-BDKD	Broadcom 5720 Dual Port 1GbE LOM
	1	470-AEYU	No Cables Required
	1	325-BEUI	PowerEdge 2U Standard Bezel
	1	403-BCRU	BOSS-N1 controller card + with 2 M.2 480GB (RAID 1)
	1	470-AFMY	BOSS Cables and Bracket for R7615 (Riser1)
	1	634-BYJS	Windows Server 2022 Datacenter,16CORE,FI,No MED,UnLTD VMs,NO CALs, Multi Language
	1	528-CSCT	Windows Server 2022 Datacenter,16CORE,DF Recovery Image, Multi Lang, (Downgrade not included)
	1	528-CTIC	iDRAC9, Enterprise 16G
	1	350-BBYX	No Quick Sync
	1	379-BCQY	iDRAC Group Manager, Disabled
	1	770-BDRQ	Cable Management Arm, 2U
	1	770-BEKK	ReadyRails Sliding Rails
	1	631-AACK	No Systems Documentation, No OpenManage DVD Kit
	1	470-AFOO	PowerEdge R7615 CCC Marking, No CE Marking
	1	817-BBBP	None Required
	8	370-BBRQ	16GB RDIMM, 5600MT/s, Single Rank
	8	400-AZUT	480GB SSD SATA Mix Use 6Gbps 5 12 2.5in Hot-plug AG Drive, 3 DWPD
	2	492-BBDG	Jumper Cord - C13/C14, 4M, 250V, 12A (North America, Guam, North Marianas, Philippines, Samoa)
	2	414-BBJB	PCIe Blank Filler, Low Profile
	2	407-BCBE	Dell EMC PowerEdge SFP+ SR Optic 10GbE 850nm
			Extended Sell
Hardware Total:			\$16,163.68
Software	1	379-BCSF	iDRAC,Factory Generated Password
			Extended Sell

Qty.		Part Numbers	Description		
			Software Total:	\$0.00	
Support	1	886-9339	ProSupport 7x24 Technical Support and Assistance 5 Years		
	1	886-9348	ProSupport Next Business Day On-Site Service After Problem Diagnosis 5 Years		
	1	886-9351	Dell Hardware Limited Warranty Plus On-Site Service		
				Extended Sell	
			Support Total:	\$1,131.39	
Services	1	379-BCQX	iDRAC Service Module (ISM), NOT Installed		
	1	340-DHNL	PowerEdge R7615 Shipping		
	1	340-DCZQ	PowerEdge R7615 Shipping Material		
	1	900-9997	On-Site Installation Declined		
				Extended Sell	
			Services Total:	\$54.34	
Misc.	1	989-3439	Thank you choosing Dell ProSupport. For tech support, visit //www.dell.com/support or call 1-800- 945-3355		
				Extended Sell	
			Misc. Total:	\$0.00	
			Extended Sell		
			Solution Total:	\$17,349.41	

Pricing expires 30 calendar days from date on Proposal

Prepared By: Marion Massey (Solution Architect Support Specialist)

Prices are contingent on final pricing approval from Manufacturer

Quote provided based on specification provided by customer. No workload validation has been done.

The terms and conditions provided on this link apply: <https://www.cdwg.com/content/cdwg/en/terms-conditions.html>

Applicable Taxes and Shipping not shown.