



Dave Cummings  
Chief Information Officer

## Technology Services

121 Library Court Oregon City, OR 97045

Board of County Commissioners  
Clackamas County

Members of the Board:

### **Approval to Purchase HPE Proliant servers for County datacenter infrastructure**

<b>Purpose/Outcomes</b>	Replace aging HPE servers in TS/DSB Datacenters. This will improve system performance, reliability, capacity, and help ensure the County can meet the growing demand for server hosting and application performance.
<b>Dollar Amount and Fiscal Impact</b>	\$228,032.64 Total Purchase cost from CDW through the State of Oregon Cooperative opportunity # 5603.
<b>Funding Source</b>	Existing Technology Services Allocated budget. Specifically, 747-0227 capital fund.
<b>Duration</b>	5 years
<b>Previous Board Action</b>	none
<b>Strategic Plan Alignment</b>	Direct support for County and Technology Service initiatives for: <ul style="list-style-type: none"> <li>- Build a strong infrastructure</li> <li>- Build public trust through good government</li> </ul>
<b>Counsel Review</b>	Counsel reviewed/approved transaction method on 6/10/21 Counsel Initials: AN
<b>Contact Person</b>	Dave Devore (503) 723-4996

#### **BACKGROUND:**

Some of Clackamas County's critical datacenter server equipment is approaching End-of-Support (EoS) status. These servers are the primary hosts for the County's virtual server infrastructure. Essentially the County has 12 physical server hosts that house over 500 virtual server guests. The guest servers deliver nearly all of the applications and services used to conduct County business. This project will replace the oldest of these servers with new versions that enable higher performance and overall greater capacity.

Funds for this Agreement are budgeted in the Technology Services budget in Fund 747 Program 227. TS will continue to budget funds for the duration of this agreement through FY21-22 and FY22-23.

**PROCUREMENT PROCESS**

Technology Services staff requested three quotes from vendors for the exact same system specifications and quantities. The quotes ranged \$351,259.56 to \$228,032.64. The lowest quote was from CDW under the Oregon State contract #5603, which meets the requirements of Permissive Cooperative Procurements under LCRB Rule C-046-0430, using this contract offers significant costs savings to the County. County Counsel has reviewed and approved the cooperative contract and this transaction.

**RECOMMENDATION:**

Staff respectfully recommends approval of the purchase of HPE servers through CDW. Staff further recommends that the Board delegate authority to the Technology Services Director to sign agreements necessary in the ongoing performance of this agreement.

Sincerely,



David Cummings, CIO  
Director, Clackamas County Technology Services

Placed on the \_\_\_\_\_ agenda by Procurement

Approval of purchase \_\_\_\_\_  
Chair

\_\_\_\_\_  
Recording Secretary



# Bid/Quote Tabulation Form

To be used for all purchases between \$5,000.01 - \$50,000.00, unless otherwise approved by Procurement. Three bids must be obtained from different vendors.

Date:

To: Procurement Division: [PACSrequest@clackamas.us](mailto:PACSrequest@clackamas.us)

Contract Facilitator:  Phone Ext:

Contract Administrator:  Phone Ext:

Department/Division:

Were at least three bids/quotes obtained?  Yes  No, explain reason:

Reason:

Bid/Quote #	Vendor Name	Price	Not Quoting
#1	<input type="text" value="CDW"/>	<input type="text" value="228,032.64"/>	<input type="checkbox"/>
Date Contacted	<input type="text" value="4-7-21"/>	Date bid/quote received	<input type="text" value="5-6-21"/>
#2	<input type="text" value="SHI"/>	<input type="text" value="351,259.56"/>	<input type="checkbox"/>
Date Contacted	<input type="text" value="4-7-21"/>	Date bid/quote received	<input type="text" value="4-19-21"/>
#3	<input type="text" value="Connection"/>	<input type="text"/>	<input checked="" type="checkbox"/>
Date Contacted	<input type="text" value="4-7-21"/>	Date bid/quote received	<input type="text" value="No Response"/>
#4	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Date Contacted	<input type="text"/>	Date bid/quote received	<input type="text"/>

Selected Vendor:   
Contact Name:  Email:   
Address:  Phone:

Account String:  R 2 1

Generally the contract should be awarded to the vendor with the lowest price conforming Bid/Quote. If you request exception to the low price award, explain justification:

Reason:

How is the purchase to be completed?

- Department Issued Field PO #   Request that Procurement Issue PO, Create Contract, or pay with Procurement P-Card.
- [Purchase of Goods only]*

### Goods & Services/Professional

Contract Effective Date:   
Contract Expiration Date:

### Construction Trades

Substantial Completion:   
Final Completion:   
BOLI/Davis Bacon  No  Yes  
CCB#:

Is this project grant funded?  No  Yes – If Yes, attach a copy of the grant.

**Note: You must submit subrecipient vs. contractor determination if grant funded.**

By submission of this Bid/Quote Tabulation Form, I certify that there are sufficient funds in the above referenced account string for the purchase.

Budget Authority Approval:

Date:

**Submit with Form: All written quotes, scope of work, and any specifications sent to vendors**



# DL360 GEN10, 6 nodes, 5YR Proposal

Prepared For: Clackamas County  
 Customer #: 11239970  
 Attention: Chris Fricke  
 Project: Server Refresh  
 Date: 5/6/2021  
 Contract: 1 HVAR 5603

Submitted By: Adam Ryan  
 Executive Account Manager  
 Phone: (312) 705-8589  
 E-Mail: adamrya@cdw.com  
 Quote #: 122728378-1

	Qty.	Part Numbers	Description	
Hardware	6	P19766-B21	HPE DL360 GEN10 8SFF NC CTO SVR	
	6	P24488-L21	INTEL XEON-G 6258R FIO KIT FOR DL360 G10	
	6	P24488-B21	INTEL XEON-G 6258R KIT FOR DL360 GEN10	
	144	P00930-B21	HPE 64GB 2RX4 PC4-2933Y-R SMART KIT	
	12	P18432-B21	HPE 480GB SATA MU SFF SC MV SSD	
	12	727055-B21	HPE 10GBE 2P SFP+ X710 ADPTR	
	6	P02377-B21	HPE SMART HYBRID CAPACITOR W/ 145MM CBL	
	6	869081-B21	HPE SMART ARRAY P408I-A SR G10 LH CTRLR	
	6	727054-B21	HPE 10GBE 2P FLR-SFP+ X710 ADPTR	
	6	871244-B21	HPE DL360 GEN10 HIGH PERF FAN KIT	
	12	865414-B21	HPE 800W FS PLAT HT PLG LH PWR SPLY KIT	
	6	734811-B21	HPE 1U CMA FOR EASY INSTALL RAIL KIT	
	6	867984-B21	HPE DL360 GEN10 INTRUSION DETECTION KIT	
	6	867996-B21	HPE DL360 GEN10 SFF SID PWR MODULE KIT	
	6	874543-B21	HPE 1U GEN10 SFF EASY INSTALL RAIL KIT	
			Extended Sell	
			<b>Hardware Total:</b>	<b>\$203,611.92</b>
Software	6	E6U64ABE	HPE ILO ADV ELEC LIC 3YR SUPPORT	
			Extended Sell	
			<b>Software Total:</b>	<b>\$2,378.82</b>
Support	1	HU4A6A5	HPE 5Y TC ESSENTIAL SVC	
	6	HU4A6A5 R2M	HPE ILO ADVANCED NON BLADE SUPPORT	
	6	HU4A6A5 WAG	HPE DL360 GEN10 SUPPORT	
			Extended Sell	
			<b>Support Total:</b>	<b>\$22,041.90</b>
			Extended Sell	
			<b>Solution Total:</b>	<b>\$228,032.64</b>

Pricing expires 30 calendar days from date on Proposal

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.cdw.com/content/cdw/en/terms-conditions.html>  
 Applicable Taxes and Shipping not shown.



Pricing Proposal  
Quotation #: 20345193  
Created On: 4/15/2021  
Valid Until: 5/14/2021

---

## County of Clackamas

---

### Chris Fricke

OR  
United States  
Phone: (503) 655-8322  
Fax:  
Email: CFricke@clackamas.us

---

## Inside Account Manager

---

### Yasmean Brown

290 Davidson Ave  
Somerset, NJ 08873  
Phone: (732)652-4710  
Fax:  
Email: Yasmean\_Brown@shi.com

All Prices are in US Dollar (USD)

Product	Qty	Your Price	Total
1 HPE DL360 Gen10 8SFF NC CTO Svr HP, Inc. - Part#: P19766-B21 Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	6	\$962.51	\$5,775.06
2 U.S. - English localization Hewlett Packard Enterprise - Part#: P19766-B21 ABA Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	6	\$0.00	\$0.00
3 Intel Xeon-G 6258R FIO Kit for DL360 G10 HP, Inc. - Part#: P24488-L21 Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	6	\$4,361.70	\$26,170.20
4 Intel Xeon-G 6258R Kit for DL360 Gen10 Hewlett Packard Enterprise - Part#: P24488-B21 Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	6	\$4,361.70	\$26,170.20
5 Factory integrated Hewlett Packard Enterprise - Part#: P24488-B21 0D1 Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	6	\$0.00	\$0.00
6 HPE 64GB 2Rx4 PC4-2933Y-R Smart Kit HP, Inc. - Part#: P00930-B21 Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	144	\$1,725.52	\$248,474.88
7 Factory integrated Hewlett Packard Enterprise - Part#: P00930-B21 0D1 Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	144	\$0.00	\$0.00
8 HPE 480GB SATA MU SFF SC MV SSD Hewlett Packard Enterprise - Part#: P18432-B21 Contract Name: Omnia Partners - IT Solutions	12	\$345.10	\$4,141.20

Contract #: 2018011-02

---

9	Factory integrated Hewlett Packard Enterprise - Part#: P18432-B21 OD1 Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	12	\$0.00	\$0.00
10	HPE 10GbE 2p SFP+ X710 Adptr Hewlett Packard Enterprise - Part#: 727055-B21 Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	12	\$445.62	\$5,347.44
11	Factory integrated HP, Inc. - Part#: 727055-B21 OD1 Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	12	\$0.00	\$0.00
12	HPE Smart Hybrid Capacitor w/ 145mm Cbl Hewlett Packard Enterprise - Part#: P02377-B21 Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	6	\$127.32	\$763.92
13	Factory integrated HPE - IMSourcing - Part#: P02377-B21 OD1 Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	6	\$0.00	\$0.00
14	HPE Smart Array P408i-a SR Gen10 Ctrlr Hewlett Packard Enterprise - Part#: 804331-B21 Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	6	\$434.90	\$2,609.40
15	Factory integrated Hewlett Packard Enterprise - Part#: 804331-B21 OD1 Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	6	\$0.00	\$0.00
16	HPE 10GbE 2p FLR-SFP+ X710 Adptr Hewlett Packard Enterprise - Part#: 727054-B21 Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	6	\$432.22	\$2,593.32
17	Factory integrated Hewlett Packard Enterprise - Part#: 727054-B21 OD1 Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	6	\$0.00	\$0.00
18	HPE DL360 Gen10 High Perf Fan Kit Hewlett Packard Enterprise - Part#: 871244-B21 Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	6	\$295.52	\$1,773.12
19	Factory integrated Hewlett Packard Enterprise - Part#: 871244-B21 OD1 Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	6	\$0.00	\$0.00
20	HPE 800W FS Plat Ht Plg LH Pwr Sply Kit HP, Inc. - Part#: 865414-B21 Contract Name: Omnia Partners - IT Solutions	12	\$253.97	\$3,047.64

---

Contract #: 2018011-02

---

21	Factory integrated Hewlett Packard Enterprise - Part#: 865414-B21 OD1 Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	12	\$0.00	\$0.00
<hr/>				
22	HPE 1U CMA for Easy Install Rail Kit Hewlett Packard Enterprise - Part#: 734811-B21 Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	6	\$29.48	\$176.88
<hr/>				
23	Factory integrated Hewlett Packard Enterprise - Part#: 734811-B21 OD1 Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	6	\$0.00	\$0.00
<hr/>				
24	HPE DL360 Gen10 Intrusion Detection Kit HP, Inc. - Part#: 867984-B21 Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	6	\$43.56	\$261.36
<hr/>				
25	Factory integrated Hewlett Packard Enterprise - Part#: 867984-B21 OD1 Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	6	\$0.00	\$0.00
<hr/>				
26	HPE DL360 Gen10 SFF SID Pwr Module Kit HP, Inc. - Part#: 867996-B21 Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	6	\$109.90	\$659.40
<hr/>				
27	Factory integrated HP, Inc. - Part#: 867996-B21 OD1 Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	6	\$0.00	\$0.00
<hr/>				
28	HPE 1U Gen10 SFF Easy Install Rail Kit HP, Inc. - Part#: 874543-B21 Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	6	\$73.71	\$442.26
<hr/>				
29	Factory integrated HP, Inc. - Part#: 874543-B21 OD1 Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	6	\$0.00	\$0.00
<hr/>				
30	HPE iLO Adv Elec Lic 3yr Support Hewlett Packard Enterprise - Part#: E6U64ABE Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	6	\$314.28	\$1,885.68
<hr/>				
31	HPE 5Y TC Essential SVC HP, Inc. - Part#: HU4A6A5 Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	1	\$0.00	\$0.00
<hr/>				
32	HPE iLO Advanced Non Blade Support HP, Inc. - Part#: HU4A6A5 R2M	6	\$49.73	\$298.38

Contract Name: Omnia Partners - IT Solutions  
Contract #: 2018011-02

---

33 HPE DL360 Gen10 Support HP, Inc. - Part#: HU4A6A5 WAG Contract Name: Omnia Partners - IT Solutions Contract #: 2018011-02	6	\$3,444.87	\$20,669.22
---	---	------------	-------------

---

Total	\$351,259.56
-------	--------------

**Additional Comments**

---

Please Note: HP, Inc. has a zero returns policy on custom build PCs. Ink and toner are also considered non-returnable

Please Note: Hewlett Packard Enterprise has a zero returns policy on custom build machines.

Purchase orders and inquiries can be sent to the team at TeamOregon@shi.com.

Hardware items on this quote may be updated to reflect changes due to industry wide constraints and fluctuations.

Thank you for choosing SHI International Corp! The pricing offered on this quote proposal is valid through the expiration date listed above. To ensure the best level of service, please provide End User Name, Phone Number, Email Address and applicable Contract Number when submitting a Purchase Order. For any additional information including Hardware, Software and Services Contracts, please contact an SHI Inside Sales Representative at (888) 744-4084. SHI International Corp. is 100% Minority Owned, Woman Owned Business. TAX ID# 22-3009648; DUNS# 61-1429481; CCR# 61-243957G; CAGE 1HTF0

---

*The products offered under this proposal are resold in accordance with the terms and conditions of the Contract referenced under that applicable line item.*