

CLEVELAND PUBLIC LIBRARY

Board Meeting

November 15, 2018

RESOLUTION TO PURCHASE COMPUTER HARDWARE AND PROFESSIONAL SERVICES FROM BUSINESS SMARTS

WHEREAS, Innovating for efficient and sustainable operations is a strategic priority, and the Library Administration has determined that it is in the Library's best interest to replace the Library's aging servers with new blade servers to be installed in the State of Ohio Computer Center in Columbus; and

WHEREAS, In order for the operations of the Library to perform efficiently, staff workstations also have to be replaced and upgraded in a timely manner; and

WHEREAS, The IT/CLEVNET Department sought proposals from three vendors for the purchase and installation of new servers and for new staff workstations and received the following:

For 6 Blade Servers and Relocation to SOCC

Business Smarts	\$138,943.66
CDW-G	\$154,924.85
Hewlett Packard Enterprise	\$186,065.00

For 100 Staff All-In-One Desktop Computers

Business Smarts	\$95,100.00
CDW-G	\$95,300.00
HP Public Sector Online Store	\$98,406.00

Now therefore be it

RESOLVED, That the Board of Trustees authorizes the Executive Director, CEO, or his designee, to purchase from Business Smarts six (6) blade servers plus associated hardware and support and installation services at a total cost of \$138,943.66, with the expenditure being charged to the General Fund Accounts 13010053-53710 (Professional Services) and 13010055-55530 (Computer Hardware), and one hundred (100) all-in-one desktop computers for CPL staff at a cost of \$951.00 each for a total cost of \$95,100.00, with the expenditure being charged to the General Fund Account 13010055-55530 (Computer Hardware).

*CPL
SOCC EQUIP
Quote 1
Lowest*

QUOTE

Number AAAQ6457-01
Date Oct 16, 2018
Expires

6770 West Snowville, Brecksville, OH 44141
t. (440) 526-2471 f. (240) 358-7179

Sold To
Cleveland Public Library Bill Hood 325 Superior Ave Cleveland, OH 44114 Phone (216) 623-2828 Fax (216) 623-7120

Ship To
Cleveland Public Library Bill Hood 325 Superior Ave Cleveland, OH 44114 Phone (216) 623-2828 Fax (216) 623-7120

Salesperson	E-Mail	Ship Via	Terms
Jerry Short	jerry.short@busmarts.com		

Line	Qty	Part	Description	Unit Price	Ext. Price
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			Blade Enclosure (holds 16 servers)		
<i>1 blade chassis</i>					
<i>Tag</i> →	1	681844-B21	BILL FOX/WWA-34160-00 PL=MV	\$3,469.41	\$3,469.41
		<i>int. no tag</i>			
	6	733459-B21	HPE 2650 Watts Platinum Hot Plug Power Supply - 220 V AC	\$367.06	\$2,202.36
		<i>int. no tag</i>			
	6	412140-B21	HP Single Active Cool Fan for BLc7000 Enclosure	\$103.42	\$620.52
	1	E5Y41A	FIO OV 3YR 24X7 ENCL PHYS 16SVR LIC	\$8,872.94	\$8,872.94
		<i>int. no tag</i>			
	2	571956-B21	HP BLc Virtual Connect FlexFabric Expansion Module - For Optical Network, Data Networking - 8 x SFP+ 8 x Expansion Slots	\$12,840.00	\$25,680.00
		<i>int. no tag</i>			
	2	456204-B21	HP BLc7000 Onboard Administrator with KVM Switch	\$624.01	\$1,248.02
	1	413379-B21	HP AC Power Module	\$121.47	\$121.47
		<i>warranty</i>			
		UE603E	HP Care Pack - Service - On-site - Installation and Startup - Physical Service	\$2,610.59	\$2,610.59
		<i>warranty</i>			
	1	UE602E	HP Care Pack - Service - On-site - Installation and Startup - Physical Service	\$2,936.47	\$2,936.47
		<i>warranty</i>			
	1	U3P10E	HP Care Pack Collaborative Support - 3 Year Extended Service - Service - 24 x 7 x 4 Hour - On-site - Maintenance - Parts & Labor - Physical Service	\$3,140.00	\$3,140.00
		<i>warranty</i>			
	1	UE494E	HP Care Pack - Service - 1 Incident(s) - On-site - Installation	\$756.60	\$756.60
			SubTotal		\$51,658.38

Add Value

<i>Tag</i>	6	868025-S01	HPE ProLiant BL460c G9 Blade Server - 2 x Intel Xeon E5-2680 v4 Tetradeca-core (14 Core) 2.40 GHz - 128 GB	\$6,699.00	\$40,194.00
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#2080

Add to Line 15

Line	Qty	Part	Description	Unit Price	Ext. Price
			Installed DDR4 SDRAM - 12Gb/s SAS, Serial ATA/600 Controller - 0, 1 RAID Levels - 2 Processor Support - 512 GB RAM Support - Gigabit Ethernet, 20 Gigabit Ethernet - Matrox G200eh Graphic Card		
16	24	805351-B21	HPE 32GB (1x32GB) Dual Rank x4 DDR4-2400 CAS-17-17-17 Registered Memory Kit - 32 GB (1 x 32 GB) - DDR4 SDRAM - 2400 MHz DDR4-2400/PC4-19200 - 1.20 V - Registered - 288-pin - DIMM	\$621.00	\$14,904.00
17	12	870753-B21	HPE 300 GB 2.5" Internal Hard Drive - SAS - 15000rpm - 1 Pack	\$401.18	\$4,814.16
18	6	UTRN6E	HP Care Pack Proactive Care Service - 3 Year Extended Service - Service - 24 x 7 x 4 Hour - On-site - Maintenance - Parts & Labor - Physical Service	\$989.00	\$5,934.00
19			Misc		
20	8	QK735A	HP Premier Flex Fiber Optic Cable - Fiber Optic for Network Device - 49.21 ft - LC Male Network - LC Male Network	\$133.88	\$1,071.04
21			Management Servers (one at CPL, one in Columbus)		
22	1	874459-S01	HPE ProLiant DL360 G10 1U Rack Server - 1 x Intel Xeon Silver 4112 Quad-core (4 Core) 2.60 GHz - 16 GB Installed DDR4 SDRAM - 12Gb/s SAS Controller - 1 x 500 W - 2 Processor Support - Gigabit Ethernet - 16 MB Graphic Card	\$2,292.94	\$2,292.94
23	1	835955-B21	HPE 16GB DDR4 SDRAM Memory Module - 16 GB (1 x 16 GB) - DDR4 SDRAM - 2666 MHz DDR4-2666/PC4-21300 - 1.20 V - ECC - Registered - 288-pin - RDIMM - Retail	\$414.12	\$414.12
24	2	870753-B21	HPE 300 GB 2.5" Internal Hard Drive - SAS - 15000rpm - 1 Pack	\$401.18	\$802.36
25	1	E5Y35AAE	HPE OneView With iLO Advanced Flexible License + 3 Years 24x7 Support - License - 1 License - Electronic - PC	\$676.47	\$676.47
26	1	H8QD9E	HPE Foundation Care - 3 Year Extended Warranty - Warranty - 9 x 5 Next Business Day - On-site - Maintenance - Parts & Labor - Physical, Electronic Service - 2 Next Business Day, Hour - Parts & Labor, Phone Support	\$504.71	\$504.71
27	1	U4506E	HP Care Pack - Service - 1 Incident(s) - On-site - Installation	\$222.19	\$222.19
28	1	AF630A	HP LCD8500 1U US Rackmount Console Kit - 18.5" LCD - WXGA - 1600 x 1200 - 2 x USB - Keyboard - 1U High	\$855.29	\$855.29
29					
30	146	HB242A1	FIO CARE PACK RELOCATION UNIT OF SVC	\$100.00	\$14,600.00

SubTotal	\$138,943.66
Tax	\$0.00
Shipping	\$0.00
Total	\$138,943.66

CPL
SOCC EQUIP
QUOTE 2
2nd highest



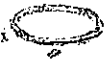


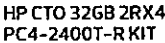


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Enter CDW # or MFG #

Item	Availability	Price	Quantity	Item Total	
 HP RELOCATION UNIT OF SERVICE MFG Part: HB242A1 CDW Part: 2055818 UNSPSC: N/A - Top Recommendations	In Stock	\$102.73 My CDW+G Price	146	\$14,998.58	X
 HP Power Supply MFG Part: 413379-B21- CDW Part: 1002923 UNSPSC: 39121004 + Top Recommendations	Call for availability	\$189.04 My CDW+G Price	1	\$189.04	X
 Proline patch cable - 15 m - aqua MFG Part: QK735A-PRO CDW Part: 3636203 UNSPSC: 26121609 + Top Recommendations	3-5 days	\$47.49 My CDW+G Price	8	\$379.92	X
 HPE Proactive Care 24x7 Service - extended service agreement - 3 years - on MFG Part: U/RN6E CDW Part: 3518735 UNSPSC: 8111812 + Top Recommendations	In Stock	\$1,182.03 My CDW+G Price	6	\$7,092.18	X
 HPE ProLiant BL460c Gen9 - blade - Xeon E5-2680V4 2.4 GHz - 128 GB - 0 GB MFG Part: 868025-S01 CDW Part: 4321506 UNSPSC: 43211501 + Top Recommendations	10-12 days Orders placed today will ship within 10-12 days	\$6,899.00 \$6,713.93 My CDW+G Price	6	\$40,283.58	X
 HP CTO 32GB 2RX4 PC4-2400T-R KIT MFG Part: 805351-B21 CDW Part: 4085228 UNSPSC: N/A + Top Recommendations	8-10 days	\$1,248.00 \$935.74 My CDW+G Price	24	\$22,457.76	X
	In Stock	\$650.00 \$611.46 My CDW+G Price	1	\$611.46	X

Order Summary

Subtotal: **\$154,924.85**

Tax and Shipping calculated at checkout.

Lease Option Pricing ?

\$4,117.17 / Month



HPE INSTALL C-CLASS SVR BLADE

MFG Part: UE494E
 CDW Part: 1010668
 UNSPSC: N/A

+ Top Recommendations



HPE 4-Hour 24x7 Collaborative Support - extended service agreement - 3 year

MFG Part: U3P10E
 CDW Part: 1689504
 UNSPSC: 8111812

In Stock

\$5,815.42
 My CDW+G Price

1

\$5,815.42

X



HPE Installation & Startup Service - Installation / configuration

MFG Part: UE603E
 CDW Part: 1116742
 UNSPSC: 8111809

In Stock

\$2,845.00
\$2,676.28
 My CDW+G Price

1

\$2,676.28

X



HPE Installation & Startup Service - Installation / configuration

MFG Part: UE602E
 CDW Part: 1009920
 UNSPSC: 8111809

In Stock

\$3,200.00
\$3,010.45
 My CDW+G Price

1

\$3,010.45

X



HPE Onboard Administrator with KVM Option - remote management adapter

MFG Part: 456204-B21
 CDW Part: 1723215
 UNSPSC: 43201404

Call
 Call for availability

\$899.00
\$673.54
 My CDW+G Price

2

\$1,347.08

X



HPE Virtual Connect FlexFabric 10Gb/24-Port Module - switch - 24 ports - pl

MFG Part: 571956-B21
 CDW Part: 2166857
 UNSPSC: 43222615

6-8 days
 Orders placed today will ship within 6-8 days

\$18,499.00
\$13,845.29
 My CDW+G Price

2

\$27,690.58

X

HP CTO ONLY ONEVIEW 3Y 24X7 ENCL LIC

MFG Part: E5Y41A
 CDW Part: 3727705
 UNSPSC: N/A

In Stock

\$12,784.00
\$9,147.54
 My CDW+G Price

1

\$9,147.54

X



HPE Active Cool Fan - fan unit

MFG Part: 412140-B21
 CDW Part: 1000398
 UNSPSC: 40101604

In Stock
 In stock and ready for shipment

\$149.00
\$110.19
 My CDW+G Price

6

\$661.14

X

HP CTO ONLY O2650W PLAT HT PLG PWR S

MFG Part: 733459-B21
 CDW Part: 3121310
 UNSPSC: N/A

Call
 Call for availability

\$629.00
\$413.24
 My CDW+G Price

6

\$2,479.44

X

HP BLC7000 PLATINUM CONFIGURE TO ORD

MFG Part: 681844-B21
 CDW Part: 3016005
 UNSPSC: N/A

Call
 Call for availability

\$4,999.00
\$4,961.23
 My CDW+G Price

1

\$4,961.23

X

	<p>HPE LCD8500 1U US Rackmount Console Kit 8-Port</p> <p>MFG Part: AF630A CDW Part: 3627402 UNSPSC: 43211902</p>	In Stock In stock and ready for shipment	<p>\$1,299.00 \$1,039.29 My CDW+G Price</p>	1	\$1,039.29	X
	<p>HP Care Pack Services - Installation Service</p> <p>MFG Part: U4506E CDW Part: 690344 UNSPSC: 81111809</p>	In Stock	<p>\$225.00 \$212.46 My CDW+G Price</p>	1	\$212.46	X
	<p>HPE OneView with iLO Advanced Flexible License - license + 3 Years 24x7 Sup</p> <p>MFG Part: E5Y35AAE CDW Part: 3207449 UNSPSC: 43232804</p>	In Stock	<p>\$715.34 My CDW+G Price</p>	1	\$715.34	X
	<p>HPE Foundation Care Next Business Day Service - extended service agreement</p> <p>MFG Part: H80D9E CDW Part: 4748074 UNSPSC: 81111812</p>	In Stock	<p>\$608.00 \$561.58 My CDW+G Price</p>	1	\$561.58	X
	<p>HPE Enterprise - hard drive - 300 GB - SAS 12Gb/s</p> <p>MFG Part: 870753-B21 CDW Part: 4503467 UNSPSC: 43201803</p>	In Stock In stock and ready for shipment	<p>\$579.00 \$439.84 My CDW+G Price</p>	14	\$6,157.76	X
	<p>HPE CTO ONLY 16GB 2RX8 PC4-2666V-R</p> <p>MFG Part: 835955-B21 CDW Part: 4844689 UNSPSC: N/A</p>	In Stock	<p>\$630.00 \$499.70 My CDW+G Price</p>	1	\$499.70	X
	<p>HPE ProLiant DL360 Gen10 - rack-mountable - Xeon Silver 4112 2.6 GHz - 16 G</p> <p>MFG Part: 874450-501 CDW Part: 4708395 UNSPSC: 43211501</p>	In Stock In stock and ready for shipment	<p>\$2,499.00 \$1,937.04 My CDW+G Price</p>	1	\$1,937.04	X

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*CPL SOCC EQUIP
 QUOTES
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Hewlett Packard Enterprise United States
 WW Corporate Headquarters - Palo Alto, CA
 3000 Hanover St.
 Palo Alto California

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94304-1112
 Phone:+1 800-607-3567

Quote

Hewlett Packard Enterprise Quote for Bill Hood
 This is an electronic copy of a quote you placed online.

Quote information

Quote name: CPL Columbus Blades and Move
 Quote number: 50590001
 Quote creation date: 10/05/18
 Quote expires: 11/04/18

Personal information

Contract name: OH - STANDARD TERMS SLED CUS
 TOMER
 First name: Bill
 Last name: Hood
 Phone:
 Fax:
 E-mail address: bill.hood@cpl.org
 Country:

E-mail notification

E-mail address: bill.hood@cpl.org

Shipping information

Company name: Cleveland Public Library
 Attention to: Bill Hood
 Address: 325 Superior Ave
 Address 2:
 ZIP/Postal code: 44114
 City: Cleveland
 State/Province: OH
 Country: United States
 Phone:
 Fax:
 E-mail address:

Software e-delivery addresses:

Shipping and handling options: Standard
 Shipping instructions:

#	Product number	Qty	List price [USD]	% Off List price	Unit price [USD]	Total price [USD]
100	AD361D HPE Integrity BladeSystem c7000 Enclosure, configure-to-order	1	4,999.00		4,999.00	4,999.00

200	733459-B21 HPE 2650W Performance Platinum Hot Plug Power Supply Kit	6	529.00	529.00	3,174.00
300	412140-B21 HPE BLc7000 Enclosure HPE Single Active Cool Fan Option Kit	6	149.00	149.00	894.00
400	E5Y42A 3-year, 16-server tracking license for HPE OneView for HPE ProLiant BladeSystem enclosures including 24x7 support	1	12,784.00	12,784.00	12,784.00
500	571956-B21 HPE Virtual Connect FlexFabric 10Gb, 24-port module for BladeSystem c-Class	2	18,499.00	18,499.00	36,998.00
600	456204-B21 HPE BladeSystem c7000 Onboard Administrator module with KVM option	1	899.00	899.00	899.00
700	UE603E HPE BladSys c7000 Encl Network Startup Service	1	2,845.00	2,845.00	2,845.00
800	UE602E HPE BladeSystem c7000 Infrastructure Startup Service	1	3,200.00	3,200.00	3,200.00
900	U3P10E HPE 3 year Proactive Care 24x7 c7000 Enclosure with Insight Control Service	1	3,708.00	3,708.00	3,708.00
1000	UE494E HPE Hardware Install c-Class Enclosure and Server Blade Service	1	650.00	650.00	650.00
1100	813195-B21 HPE ProLiant BL460c Gen9 E5-2650v4 2.2GHz 12-core 2P 64GB-R Server	6	7,209.00	7,209.00	43,254.00
1200	805351-B21 HPE 32GB (1x32GB) Dual Rank x4 DDR4-2400 CAS-17-17-17 Registered Memory Kit	24	1,248.00	1,248.00	29,952.00
1300	870753-B21 HPE 300 GB SAS, enterprise, 15K rpm, small form factor hard disk drive in a Smart Carrier with digitally signed firmware, and a 3-year warranty	12	579.00	579.00	6,948.00
1400	U7BN8E HPE 3 year Proactive Care 24x7 BL4xxc Gen9 Service	6	1,990.00	1,990.00	11,940.00
1500	QK735AR HPE Premier Flex LC/LC OM4 15m Reman Cbl	8	138.00	138.00	1,104.00
1600	874457-S01 HPE ProLiant DL360 Gen10 rack server with one Intel® Xeon® 4110 processor, 16 GB memory, 8 small form factor drive bays and a 500W power supply	1	2,849.00	2,849.00	2,849.00
1700	H8QF0E HPE 3 Year Foundation Care 24x7 DL360 Gen10 Service	1	1,811.00	1,811.00	1,811.00
1800	870753-B21 HPE 300 GB SAS, enterprise, 15K rpm, small form factor hard disk drive in a Smart Carrier with digitally signed firmware, and a 3-year warranty	2	579.00	579.00	1,158.00
1900	E5Y35AAE 3-year electronic license for HPE OneView with 24x7 support for flexible quantity	1	999.00	999.00	999.00
2000	AF630A The LCD8500 1U Rackmount Console Kit combines a full 18.5 inch WXGA+ monitor and keyboard with touch pad in a 1U format with enough room to mount an HPE KVM switch behind it. Tool-less rails ease installation.	1	1,299.00	1,299.00	1,299.00

2100	HB242A1					
	HPE BCS Relocation Unit of SVC	146	100.00	100.00	14,600.00	
					[USD] Subtotal:	186,065.00
Tax, shipping, and applicable recycling fees will appear on your invoice.					[USD] Total:	186,065.00
Click here for more information on recycling fees.						

This quote is governed by the terms of the customer's Direct Agreement. Price quotes are subject to product and price availability.

Price quotes are subject to product and price availability.

Please refer to this link for a copy of the Services Terms and Conditions. Make sure to choose the correct country document.

Quote
1 of 3

QUOTE

Number AAAQ6480
Date Oct 25, 2018
Expires

6770 West Snowville, Brecksville, OH 44141
t. (440) 526-2471 f. (240) 358-7179

Sold To
Cleveland Public Library Bill Hood 325 Superior Ave Cleveland, OH 44114
Phone (216) 623-2828 Fax (216) 623-7120

Ship To
Phone Fax

Here is the quote you requested.

Salesperson	E-Mail	Ship Via	Terms
Jerry Short	jerry.short@busmarts.com		

Line	Qty	Part	Description	Unit Price	Ext. Price
1	100	4LU83UT#ABA	HP Business Desktop ProOne 600 G4 All-in-One Computer - Intel Core i5 (8th Gen) i5-8500 3 GHz - 8 GB DDR4 SDRAM - 256 GB SSD - 21.5" 1920 x 1080 - Windows 10 Pro 64-bit (English) - Desktop - DVD-Writer DVD±R/±RW - Intel UHD Graphics 630 Graphics - Wireless LAN - Bluetooth - Intel Optane Memory Ready - English Keyboard - 5 x Total USB Port(s) - USB Type-C	\$951.00	\$95,100.00
2	100	BS-ASSET-01	Asset tagging and reporting	\$0.00	\$0.00

→ TAG

Please contact me if I can be of further assistance.

SubTotal	\$95,100.00
Tax	\$0.00
Shipping	\$0.00
Total	\$95,100.00

CPL - Hardware Replacement PCs for Staff & Public "All in One"
continued PC refresh cycle for aging & dated PCs.

Lowest #2123



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Quote
2 of 3

800.808.4239

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Enter CDW or MFG #

Item

Availability

Price

Quantity

Item Total



HP SB ProOne 600 G4
AIO 21.5" Core i5-8500
8GB RAM 256GB W10P
- Non-Touch

MFG Part: 4LU83U1#ABA
CDW Part: 5156439
UNSPSC: 43211508

In Stock
Ships today if ordered
within 4 hrs 24 mins

\$994.00
\$953.00
My CDW.G Price

100

\$95,300.00

X

Order Summary

Subtotal: **\$95,300.00**

Tax and Shipping calculated at checkout.

Lease Option Pricing ?
\$2,554.99 / Month

— Top Recommendations

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2nd
highest

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3 of 3*



Shopping cart

Cart summary

Product	Qty	Each	Total
 <p>HP ProOne 600 G4 21.5-inch FHD Non-Touch All-in-One Business PC U.S. - English localization SKU: 4LU83UT#ABA Add a care pack Contract: OH - STATE OF OHIO (NASPO VP PC) [OA1067-13] Remove</p>	100	USD \$984.06	USD \$98,406.00
	Update		

[Continue shopping](#)

Summary

Subtotal
USD \$98,406.00

[Checkout](#)

highest