



College Station Independent School District

Success...each life...each day...each hour

MEMORANDUM

To: Amy Drozd, CFO
From: Carmella Shafer, Director of Purchasing
Date: May 10, 2022
Subject: Network Upgrades and Replacements

College Station ISD's recent bond election that passed on 11/2/2021 included replacing and upgrading the network infrastructure district wide. Technology has identified network switch gear to replace old equipment within the district datacenter core and non-instructional sites. Additionally, the enhancements to existing network switch infrastructure are needed to support the new wireless access points to be installed this summer.

The Technology department requested quotes from several suppliers and received quotes from 3 suppliers.

<u>Supplier</u>	<u>Quote Amount</u>
<u>Layer 3 Communications</u>	<u>\$ 1,043,597.68</u>
<u>CDW-G</u>	<u>\$ 2,552,788.16</u>
<u>World Wide Technology</u>	<u>\$ 4,559,227.18</u>

We are recommending purchasing the equipment from Layer 3 Communications because it is the best value for the district through the DIR Co-op contract DIR-TSO-4231 in the amount of \$1,043,597.68. All items on this contract have been competitively bid and awarded by the Cooperative's Board of Trustees based on state statutes and meets the competitive bid requirements stipulated in Texas Government Code, Section 791.025 and the Office of Management and Budget (OMB) 2 CFR Part 200 for federal fund expenditures.

It is the recommendation of Carmella Shafer, Director of Purchasing, and David Hutchison, Director of Technology to purchase the equipment in the amount of \$1,043,597.68 as per the attached quote from Layer 3 Communications to be paid from 2021 bond funds.


Carmella Shafer, Director of Purchasing


David Hutchison, Director of Technology



Date: May 5, 2022
 Quote number: CSISD ARUBA

Customer: College Station ISD
 Keith Slaughter
kslaughter@csisd.org

DIR TSO 4231

SKU	Description	Unit List Price	Qty	DIR Unit Cost	Total Cost
Core Hardware					
R0X26A	Aruba 6405 Switch	\$15,740.00	2	\$4,722.00	\$ 9,444.00
R0X35A	Aruba 6400 1800W Power Supply with C16 Inlet Adapter	\$2,914.00	8	\$874.20	\$ 6,993.60
R0X35A ABA	INCLUDED: Power Cord - U.S. localization	incl.	8		
R0X31A	Aruba 6400 Management Module	\$10,493.00	2	\$3,147.90	\$ 6,295.80
R0X45A	Aruba 6400 12p 40G/100G QSFP28 Module	\$58,299.00	2	\$17,489.70	\$ 34,979.40
JH231A	HPE X142 40G QSFP+ MPO SR4 Transceiver	\$3,812.00	2	\$1,143.60	\$ 2,287.20
R0X44A	Aruba 6400 48p 10G/25G SFP28 Module	\$58,299.00	2	\$17,489.70	\$ 34,979.40
JL486A	Aruba 25G SFP28 LC LR 10km SMF Transceiver	\$4,949.00	28	\$1,484.70	\$ 41,571.60
R0X39B	Aruba 6400 48p 1GbE CL4 PoE 4SFP56 Module	\$11,659.00	2	\$3,497.70	\$ 6,995.40
R0X37A	Aruba 6400 4-post Rack Mount Kit	\$1,165.00	2	\$349.50	\$ 699.00
R0Z25A	Aruba 100G QSFP28 to QSFP28 1m DAC Cable	\$517.00	2	\$155.10	\$ 310.20
TOTAL HW/SW Costs					\$ 144,555.60
Maintenance 5yr					
H9PX9A 5#Z5F	HPE 5Y FC NBD Exchange EDU/R SVC - HPE Aruba 6405 Switch Support [for R0X26A]	\$5,804.00	2	\$4,933.40	\$ 9,866.80
TOTAL 5Y Support Option					\$ 9,866.80
Subscriptions 3yr (netedit not available with 5yr subscription)					
JL640A AE	Aruba NetEdit Single Node 3yr Sub E-STU	\$100.00	2	\$30.00	\$ 60.00
TOTAL 3Y NetEdit (subscription)					\$ 60.00
Total with 3yr subscriptions and 5yr maintenance					\$ 154,482.40

Part Num	Description	List Price	Qty	DIR Unit Cost	Total Cost
Non-Instructional 6400 Switches					
	Central Office				
R0X26A	Aruba 6405 Switch	\$15,740.00	4	\$4,722.00	\$ 18,888.00
R0X36A	Aruba 6400 3000W Power Supply with C20 Inlet Adapter	\$4,663.00	16	\$1,398.90	\$ 22,382.40
R0X36A B2E	INCLUDED: NEMA 6-20 220V NA Power Cord	incl.	16		\$ -
R0X41A	Aruba 6400 48p SR5 CL6 PoE 4SFP56 Module	\$15,159.00	4	\$4,547.70	\$ 18,190.80
R0X38B	Aruba 6400 48p 1GbE CL4 PoE Module	\$10,499.00	14	\$3,149.70	\$ 44,095.80

	Technology				
ROX26A	Aruba 6405 Switch	\$15,740.00	1	\$4,722.00	\$ 4,722.00
ROX36A	Aruba 6400 3000W Power Supply with C20 Inlet Adapter	\$4,663.00	4	\$1,398.90	\$ 5,595.60
ROX36A B2E	INCLUDED: NEMA 6-20 220V NA Power Cord	incl.	4		
ROX41A	Aruba 6400 48p SR5 CL6 PoE 4SFP56 Module	\$15,159.00	1	\$4,547.70	\$ 4,547.70
ROX38B	Aruba 6400 48p 1GbE CL4 PoE Module	\$10,499.00	4	\$3,149.70	\$ 12,598.80
	Operations				
ROX26A	Aruba 6405 Switch	\$15,740.00	1	\$4,722.00	\$ 4,722.00
ROX36A	Aruba 6400 3000W Power Supply with C20 Inlet Adapter	\$4,663.00	4	\$1,398.90	\$ 5,595.60
ROX36A B2E	INCLUDED: NEMA 6-20 220V NA Power Cord	incl.	4		\$ -
ROX41A	Aruba 6400 48p SR5 CL6 PoE 4SFP56 Module	\$15,159.00	1	\$4,547.70	\$ 4,547.70
ROX38B	Aruba 6400 48p 1GbE CL4 PoE Module	\$10,499.00	1	\$3,149.70	\$ 3,149.70
	Purchasing				
ROX26A	Aruba 6405 Switch	\$15,740.00	1	\$4,722.00	\$ 4,722.00
ROX36A	Aruba 6400 3000W Power Supply with C20 Inlet Adapter	\$4,663.00	4	\$1,398.90	\$ 5,595.60
ROX36A B2E	INCLUDED: NEMA 6-20 220V NA Power Cord	incl.	4		\$ -
ROX41A	Aruba 6400 48p SR5 CL6 PoE 4SFP56 Module	\$15,159.00	1	\$4,547.70	\$ 4,547.70
ROX38B	Aruba 6400 48p 1GbE CL4 PoE Module	\$10,499.00	1	\$3,149.70	\$ 3,149.70
	Transportation				
ROX26A	Aruba 6405 Switch	\$15,740.00	1	\$4,722.00	\$ 4,722.00
ROX36A	Aruba 6400 3000W Power Supply with C20 Inlet Adapter	\$4,663.00	4	\$1,398.90	\$ 5,595.60
ROX36A B2E	INCLUDED: NEMA 6-20 220V NA Power Cord	incl.	4		\$ -
ROX41A	Aruba 6400 48p SR5 CL6 PoE 4SFP56 Module	\$15,159.00	1	\$4,547.70	\$ 4,547.70
ROX38B	Aruba 6400 48p 1GbE CL4 PoE Module	\$10,499.00	2	\$3,149.70	\$ 6,299.40
	Quote Total Non Instructional Sites				\$ 188,215.80
	Quote Total Non Instructional Sites and Aruba Core				\$ 342,698.20
	Additional Aruba				
ROX41A	Aruba 6400 48p SR5 CL6 PoE 4SFP56 Module, 48x1/2.5/5G, 4xSFP56	\$15,159.00	84	\$4,092.93	\$ 343,806.12
ROX36A #B2E	Aruba 6400 3000W Power Supply with C20 Inlet Adapter	\$4,239.00	324	\$1,102.14	\$ 357,093.36
	Quote Total				\$ 1,043,597.68



Carmella Shafer <cshafer@csisd.org>

VALUED CUSTOMER Sent You this CDW-G Shopping Cart for Review

2 messages

VALUED CUSTOMER <cdwsales@cdwemail.com>

Mon, May 9, 2022 at 2:29 PM

Reply-To: VALUED CUSTOMER <reply-fe5e1575736006797d17-483_HTML-861847625-1052938-17256@cdwemail.com>

To: cshafer@csisd.org









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Item	Qty	CDW #	Unit Price	Ext. Price
 <p>ARUBA 6400 48P SR5 CL6 POE 4SFP56 Mfg. Part#: R0X41A</p>	92	5841928	\$10,496.69	
 <p>ARUBA 6400 3000W PS/C20 ACCESSORY Mfg. Part#: R0X36A#B2E</p>	356	6036788	\$2,770.19	
 <p>ARUBA 6405 SWCH Mfg. Part#: R0X26A</p>	10	5812095	\$10,900.44	
 <p>ARUBA 6400 48P 1GBE CL4 POE MOD Mfg. Part#: R0X38B</p>	22	6007941	\$7,057.54	
 <p>ARUBA 6400 1800W PS/C16 ACCESSORY Mfg. Part#: R0X35A#B2E</p>	8	6008745	\$1,832.54	
 <p>ARUBA 6400 MANAGEMENT MODULE Mfg. Part#: R0X31A UNSPSC: 43222600</p>	2	5841921	\$7,266.69	
<p>ARUBA 6400 12P 40G/100G QSFP28 MOD Mfg. Part#: R0X45A</p>	2	6048894	\$40,374.19	



HPE X142 40G QSFP+ MPO SR4
 Mfg. Part#: JH231A

2 4360852 **\$2,797.99**



ARUBA 6400 48P 10G/25G SFP28 MOD
 Mfg. Part#: R0X44A

2 5892533 **\$40,374.19**



ARUBA 25G SFP28 LC LR 10KM SMF XCVR
 Mfg. Part#: JL486A

28 5487459 **\$3,632.94**



ARUBA 6400 48P 1GBE CL4 POE 4SFP56
 Mfg. Part#: R0X39B

2 6006935 **\$8,074.19**



ARUBA 6400 4-POST RACK MOUNT KIT
 Mfg. Part#: R0X37A

2 5841923 **\$806.69**



ARUBA 100G QSFP28 TO QSFP28 1M DAC
 Mfg. Part#: R0Z25A
 UNSPSC: 26121609

2 5961572 **\$379.52**



HPE ARUBA 6405 SWITCH SUPPORT
 Mfg. Part#: H9PX9A5#Z5F

2 7020168 **\$9,988.96**



ARUBA NETEDIT SGL NODE 3Y SUB E-STU
 Mfg. Part#: JL640AAE

2 5531490 **\$63.64**



Subtotal \$2,552,788.16

Grand Total **\$2,552,788.16**



Sales Contact Info

General Sales
 | 800.800.4239 | [Email General Sales](#)



Sales Quotation

Quote # 6030395.3
 Quote Date MAY-09-2022
 Expiration Date JUN-08-2022
 Quote Name CSISD - ARUBA 6400 COMBINED TX DIR HPE
 Contract DIR-TSO-4160
 Exp Date: 10/02/2022

Submitted By

ISR Natasha Lynn (Tasha) Barak (210) 491-9123
 Tasha.Barak@wwt.com
 AM David Michael Horton
 David.Horton@wwt.com

Submitted To

College Station Independent School District
 Keith Slaughter
 kslaughter@csisd.org

Issue PO To

World Wide Technology, LLC.
 1 World Wide Way
 Saint Louis, MO 63146 US

LINE #	MANUFACTURER PART #	MANUFACTURER	QTY	CUST. PRICE	EXT. PRICE
1	ROX26A Description: Aruba 6405 Switch PL-35	HEWLETT PACKARD ENTERPRISE COMPANY	2	\$18,101.00	\$36,202.00
2	ROX35A Description: Aruba 6400 1800W Power Supply With C16 Inlet Adapter ACCESSORY PL-WB	HEWLETT PACKARD ENTERPRISE COMPANY	8	\$3,351.10	\$26,808.80
3	ROX35A ABA Description: INCLUDED: Power Cord - U.S. localization	HEWLETT PACKARD ENTERPRISE COMPANY	8	\$0.00	\$0.00
4	ROX31A Description: Aruba 6400 Management Module	ARUBA	2	\$12,066.95	\$24,133.90
5	ROX45A Description: Aruba 6400 12-port 40/100GbE QSFP28 Module MOD PL-WB	HEWLETT PACKARD ENTERPRISE COMPANY	2	\$67,043.85	\$134,087.70
6	JH231A Description: HPE MPO SR4 Transceiver TRANSCIEVER PL-I6	HEWLETT PACKARD ENTERPRISE COMPANY	2	\$4,383.80	\$8,767.60
7	ROX44A Description: Aruba 6400 48-port 10/25GbE SFP28 Module MOD PL-WB	HEWLETT PACKARD ENTERPRISE COMPANY	2	\$67,043.85	\$134,087.70

5 YR - CORE

LINE #	MANUFACTURER PART #	MANUFACTURER	QTY	CUST. PRICE	EXT. PRICE
8	JL486A Description: Aruba 25G SFP28 LC LR 10km SMF Transceiver XCVR PL-16	HEWLETT PACKARD ENTERPRISE COMPANY	28	\$5,691.35	\$159,357.80
9	ROX39B Description: Aruba Expansion Module 4SFP56 MOD PL-WB	HEWLETT PACKARD ENTERPRISE COMPANY	2	\$13,407.85	\$26,815.70
10	ROX37A Description: Aruba Rack Mount for Switch KIT PL-WB	HEWLETT PACKARD ENTERPRISE COMPANY	2	\$1,339.75	\$2,679.50
11	ROZ25A Description: HPE Aruba 100G QSFP28 to QSFP28 1m Direct Attach Copper Cable DAC CABLE PL-16	HEWLETT PACKARD ENTERPRISE COMPANY	2	\$594.55	\$1,189.10
12	H9PX9A5#Z5F Description: HPE ARUBA 6405 SWITCH SUPPORT	HEWLETT PACKARD ENTERPRISE COMPANY	2	\$6,674.60	\$13,349.20
13	JL640AAE Description: Aruba NetEdit - Subscription License - 1 Node NODE E-STU PL-PV	HEWLETT PACKARD ENTERPRISE COMPANY	2	\$115.00	\$230.00

Central Office

14	ROX26A Description: Aruba 6405 Switch PL-35	HEWLETT PACKARD ENTERPRISE COMPANY	4	\$18,415.80	\$73,663.20
15	ROX36A Description: Aruba 6400 3000W Power Supply With C20 Inlet Adapter ACCESSORY PL-WB	HEWLETT PACKARD ENTERPRISE COMPANY	16	\$5,455.71	\$87,291.36
16	ROX36A B2E Description: INCLUDED: NEMA 6-20 220V NA Power Cord	HEWLETT PACKARD ENTERPRISE COMPANY	16	\$0.00	\$0.00
17	ROX41A Description: Aruba Expansion Module 4SFP56 MOD PL-WB	HEWLETT PACKARD ENTERPRISE COMPANY	4	\$17,736.03	\$70,944.12
18	ROX38B Description: Aruba Expansion Module PL-WB	HEWLETT PACKARD ENTERPRISE COMPANY	14	\$12,283.83	\$171,973.62

Technology

19	ROX26A Description: Aruba 6405 Switch PL-35	HEWLETT PACKARD ENTERPRISE COMPANY	1	\$18,415.80	\$18,415.80
20	ROX36A Description: Aruba 6400 3000W Power Supply With C20 Inlet Adapter ACCESSORY PL-WB	HEWLETT PACKARD ENTERPRISE COMPANY	4	\$5,455.71	\$21,822.84

LINE #	MANUFACTURER PART #	MANUFACTURER	QTY	CUST. PRICE	EXT. PRICE
21	ROX36A B2E Description: INCLUDED: NEMA 6-20 220V NA Power Cord	HEWLETT PACKARD ENTERPRISE COMPANY	4	\$0.00	\$0.00
22	ROX41A Description: Aruba Expansion Module 45FP56 MOD PL-WB	HEWLETT PACKARD ENTERPRISE COMPANY	1	\$17,736.03	\$17,736.03
23	ROX38B Description: Aruba Expansion Module PL-WB	HEWLETT PACKARD ENTERPRISE COMPANY	4	\$12,283.83	\$49,135.32

Operations

24	ROX26A Description: Aruba 6405 Switch PL-35	HEWLETT PACKARD ENTERPRISE COMPANY	1	\$18,415.80	\$18,415.80
25	ROX36A Description: Aruba 6400 3000W Power Supply With C20 Inlet Adapter ACCESSORY PL-WB	HEWLETT PACKARD ENTERPRISE COMPANY	4	\$5,455.71	\$21,822.84
26	ROX36A B2E Description: INCLUDED: NEMA 6-20 220V NA Power Cord	HEWLETT PACKARD ENTERPRISE COMPANY	4	\$0.00	\$0.00
27	ROX41A Description: Aruba Expansion Module 45FP56 MOD PL-WB	HEWLETT PACKARD ENTERPRISE COMPANY	1	\$17,736.03	\$17,736.03
28	ROX38B Description: Aruba Expansion Module PL-WB	HEWLETT PACKARD ENTERPRISE COMPANY	1	\$12,283.83	\$12,283.83

Purchasing

29	ROX26A Description: Aruba 6405 Switch PL-35	HEWLETT PACKARD ENTERPRISE COMPANY	1	\$18,415.80	\$18,415.80
30	ROX36A Description: Aruba 6400 3000W Power Supply With C20 Inlet Adapter ACCESSORY PL-WB	HEWLETT PACKARD ENTERPRISE COMPANY	4	\$5,455.71	\$21,822.84
31	ROX36A B2E Description: INCLUDED: NEMA 6-20 220V NA Power Cord	HEWLETT PACKARD ENTERPRISE COMPANY	4	\$0.00	\$0.00
32	ROX41A Description: Aruba Expansion Module 45FP56 MOD PL-WB	HEWLETT PACKARD ENTERPRISE COMPANY	1	\$17,736.03	\$17,736.03
33	ROX38B Description: Aruba Expansion Module PL-WB	HEWLETT PACKARD ENTERPRISE COMPANY	1	\$12,283.83	\$12,283.83

LINE #	MANUFACTURER PART #	MANUFACTURER	QTY	CUST. PRICE	EXT. PRICE
Transportation					
34	R0X26A Description: Aruba 6405 Switch PL-35	HEWLETT PACKARD ENTERPRISE COMPANY	1	\$18,415.80	\$18,415.80
35	R0X36A Description: Aruba 6400 3000W Power Supply With C20 Inlet Adapter ACCESSORY PL-WB	HEWLETT PACKARD ENTERPRISE COMPANY	4	\$5,455.71	\$21,822.84
36	R0X36A B2E Description: INCLUDED: NEMA 6-20 220V NA Power Cord	HEWLETT PACKARD ENTERPRISE COMPANY	4	\$0.00	\$0.00
37	R0X41A Description: Aruba Expansion Module 45FP56 MOD PL-WB	HEWLETT PACKARD ENTERPRISE COMPANY	1	\$17,736.03	\$17,736.03
38	R0X38B Description: Aruba Expansion Module PL-WB	HEWLETT PACKARD ENTERPRISE COMPANY	2	\$12,283.83	\$24,567.66
R0X41A					
39	R0X41A Description: Aruba Expansion Module 45FP56 MOD PL-WB	HEWLETT PACKARD ENTERPRISE COMPANY	84	\$17,736.03	\$1,489,826.52
R0X36A					
40	R0X36A Description: Aruba 6400 3000W Power Supply With C20 Inlet Adapter ACCESSORY PL-WB	HEWLETT PACKARD ENTERPRISE COMPANY	324	\$5,455.71	\$1,767,650.04
41	R0X36A B2E Description: INCLUDED: NEMA 6-20 220V NA Power Cord	HEWLETT PACKARD ENTERPRISE COMPANY	324	\$0.00	\$0.00

TOTALS

Subtotal	\$4,559,227.18
Estimated Shipping	\$0.00
Estimated Tax	\$0.00

Total Price \$4,559,227.18

This quote is WWT Confidential Information.
 Seller provides all products and original manufacturer services to Buyer only in accordance with any applicable original manufacturer terms and conditions within the applicable end user license agreement, terms of service, or similar legal instrument.
 Unless expressly stated herein, price quotes are valid for 30 days and are subject to change thereafter.

Due to recent trade tensions between the US and China, increasing tariffs have been levied on goods manufactured in each country that are imported into the other. As a result, prices quoted are subject to adjustment for changes in the tariff rates.

Unless expressly stated herein, prices do not include, and Buyer is responsible for, any and all taxes, handling, shipping, transportation, duties or other charges or fees relating to the sale and delivery of products. Products may only be returned in accordance with the original manufacturer's RMA policy.

Items returned after 30 days of receipt may not be returnable due to vendor restrictions.

All delivery dates are approximate and not guaranteed.

Products will be shipped in accordance with FCA WWT's shipping point (Incoterms 2010), unless otherwise stated herein or agreed to by both parties in writing in a contract. Title and risk of loss will transfer to Buyer at WWT's shipping point.

Payment terms are net 30, unless otherwise agreed to by both parties in writing.

All products and services are provided to Buyer in accordance with Seller's terms of sale at <https://www.wwt.com/TermsAndConditions/TermsAndConditions.doc>; provided that, if Buyer has a master agreement in place with WWT, the master agreement will apply in lieu thereof.

State Fees include Electronic Waste Fees specific to each state that fund recycling programs for Electronic Waste such as computers, monitors, televisions, audio equipment, printers, and other electronic devices as required by law. CA charges an Electronic Waste Fee for Monitor disposal.

As you may be aware, global supply chains across all industries are facing uncertain impacts from the Coronavirus. WWT is monitoring the situation closely and is in constant contact with our suppliers and partners so that quoted lead times are as accurate as possible. Due to the quickly evolving nature of this situation, please be advised that it is possible that quoted lead times and delivery dates may change with little or no notice. WWT will continue to work with customers and suppliers/partners to evaluate options to minimize any impact.

Within the 30 day quote validity period WWT reserves the right to revise the quote due to exchange rate fluctuations.