



ALEDO ISD BOARD MEETING TEMPLATE

MEETING DATE: May 16, 2023

AGENDA ITEM: Consider Approval of Purchase of Networking Equipment for Elementary School #7

PRESENTER: Brooks Moore, Director of Technology and Earl Husfeld, Chief Financial Officer

BACKGROUND INFORMATION:

- Per Board Policy CH (Local), any single, budgeted purchase of goods or services that costs \$50,000 or more, regardless of whether the goods or services are competitively purchased, shall require Board approval before a transaction may take place.
- With the successful passage of the 2023 Bond Program, Elementary School #7 (Lynn McKinney Elementary School) is scheduled to open in August 2024.
- In anticipation of this scheduled opening, the District needs to purchase networking equipment items that are not included in the construction contract with CORE Construction.
- These networking equipment items included in this purchase are network switches, routers, wireless access points, VoIP phones, as well as any required licensing and installation.
- Due to the extended lead times for receipt of some of this networking equipment, the District is presenting this item to you for your review and consideration at this time.

FISCAL INFORMATION:

The \$436,006.23 cost of this purchase will be paid from 2023 bond funds allocated for Elementary School #7.

ATTACHMENTS:

Netsync Quote # AAAQ396606

ADMINISTRATIVE RECOMMENDATION:

The Administration recommends the Board of Trustees approve the quote submitted by Netsync in the amount of \$436,006.23 for the purchase of networking equipment for Elementary School #7 (Lynn McKinney Elementary School) as presented.

Quote #:	AAAQ396606
Date:	05/05/2023
Valid for:	30 Days

Customer	Inside Sales	Account Manager
Aledo ISD mlotter@aledoisd.org 817.441.5184	Timothy Fain tfain@netsync.com 512-762-1365	Kristy L Dice kdice@netsync.com

Please send purchase order to: PO@netsync.com

Line #	Part	Description	Qty	Unit Price	Ext Price
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Main Site Sub Total 436,006.23

Access Switches

1.0	C9300-48UN-EDU	Catalyst 9300 48-port 5Gbps, K12	5	6,505.86	32,529.30
1.1.0	C9300-NW-E-48	C9300 Network Essentials, 48-port license	5	0.00	0.00
1.2.0	SC9300UK9-176	Cisco Catalyst 9300 XE 17.6 UNIVERSAL UNIVERSAL	5	0.00	0.00
1.3.0	PWR-C1-1100WAC-P	1100W AC 80+ platinum Config 1 Power Supply	5	0.00	0.00
1.4.0	PWR-C1-1100WAC-P/2	1100W AC 80+ platinum Config 1 Secondary Power Supply	5	988.89	4,944.45
1.5.0	CAB-TA-NA	North America AC Type A Power Cable	10	0.00	0.00
1.6.0	C9300-SSD-NONE	No SSD Card Selected	5	0.00	0.00
1.7.0	STACK-T1-50CM	50CM Type 1 Stacking Cable	5	52.04	260.20
1.8.0	C9300-SPWR-NONE	No Stack Power Cable Selected	5	0.00	0.00
1.9.0	NM-BLANK-T1	Cisco Catalyst Type 1 Network Module Blank	5	0.00	0.00
1.10.0	C9300-DNA-E-48	C9300 DNA Essentials, 48-Port Term Licenses	5	0.00	0.00
1.10.1.0	C9300-DNA-E-48-3Y	C9300 DNA Essentials, 48-port - 3 Year Term License	5	582.90	2,914.50
1.11.0	C9300-NM-NONE	No Network Module Selected	5	0.00	0.00
1.12.0	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	5	0.00	0.00
2.0	C9300-48U-EDU	Catalyst 9300 48-port UPOE, K12	8	5,760.15	46,081.20
2.1.0	C9300-NW-E-48	C9300 Network Essentials, 48-port license	8	0.00	0.00
2.2.0	SC9300UK9-176	Cisco Catalyst 9300 XE 17.6 UNIVERSAL UNIVERSAL	8	0.00	0.00
2.3.0	PWR-C1-1100WAC-P	1100W AC 80+ platinum Config 1 Power Supply	8	0.00	0.00
2.4.0	PWR-C1-1100WAC-P/2	1100W AC 80+ platinum Config 1 Secondary Power Supply	8	988.89	7,911.12
2.5.0	CAB-TA-NA	North America AC Type A Power Cable	16	0.00	0.00
2.6.0	C9300-SSD-NONE	No SSD Card Selected	8	0.00	0.00
2.7.0	STACK-T1-50CM	50CM Type 1 Stacking Cable	8	52.04	416.32
2.8.0	C9300-SPWR-NONE	No Stack Power Cable Selected	8	0.00	0.00
2.9.0	C9300-DNA-E-48	C9300 DNA Essentials, 48-Port Term Licenses	8	0.00	0.00
2.9.1.0	C9300-DNA-E-48-3Y	C9300 DNA Essentials, 48-port - 3 Year Term License	8	582.90	4,663.20
2.10.0	C9300-NM-8X	Catalyst 9300 8 x 10GE Network Module	8	1,327.19	10,617.52
2.11.0	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	8	0.00	0.00
3.0	C9300-48U-EDU	Catalyst 9300 48-port UPOE, K12	15	5,760.15	86,402.25
3.1.0	C9300-NW-E-48	C9300 Network Essentials, 48-port license	15	0.00	0.00
3.2.0	SC9300UK9-176	Cisco Catalyst 9300 XE 17.6 UNIVERSAL UNIVERSAL	15	0.00	0.00
3.3.0	PWR-C1-1100WAC-P	1100W AC 80+ platinum Config 1 Power Supply	15	0.00	0.00
3.4.0	PWR-C1-1100WAC-P/2	1100W AC 80+ platinum Config 1 Secondary Power Supply	15	988.89	14,833.35

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3.5.0	CAB-TA-NA	North America AC Type A Power Cable	30	0.00	0.00
3.6.0	C9300-SSD-NONE	No SSD Card Selected	15	0.00	0.00
3.7.0	STACK-T1-50CM	50CM Type 1 Stacking Cable	15	52.04	780.60
3.8.0	C9300-SPWR-NONE	No Stack Power Cable Selected	15	0.00	0.00
3.9.0	C9300-DNA-E-48	C9300 DNA Essentials, 48-Port Term Licenses	15	0.00	0.00
3.9.1.0	C9300-DNA-E-48-3Y	C9300 DNA Essentials, 48-port - 3 Year Term License	15	582.90	8,743.50
3.10.0	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	15	0.00	0.00
3.11.0	NM-BLANK-T1	Cisco Catalyst Type 1 Network Module Blank	15	0.00	0.00
3.12.0	C9300-NM-NONE	No Network Module Selected	15	0.00	0.00

Core Switches

4.0	C9500-16X-EDU	Catalyst 9500 16-port 10G, K12	1	8,967.68	8,967.68
4.1.0	CAB-TA-NA	North America AC Type A Power Cable	2	0.00	0.00
4.2.0	PWR-C4-950WAC-R	950W AC Config 4 Power Supply front to back cooling	1	0.00	0.00
4.3.0	PWR-C4-950WAC-R/2	950W AC Config 4 Power Supply front to back cooling	1	1,092.98	1,092.98
4.4.0	C9500-NM-BLANK	Catalyst 9500 network module blank cover	1	0.00	0.00
4.5.0	C9500-NW-A	C9500 Network Stack, Advantage	1	0.00	0.00
4.6.0	S9500UK9-176	Cisco Catalyst 9500 XE 17.6 UNIVERSAL	1	0.00	0.00
4.7.0	C9500-DNA-16X-A	C9500 DNA Advantage, Term licenses	1	0.00	0.00
4.7.1.0	C9500-DNA-L-A-3Y	Cisco Catalyst 9500 DNA Advantage 3 Year License	1	3,695.30	3,695.30
4.8.0	PI-LFAS-T	Prime Infrastructure Lifecycle & Assurance Term - Smart Lic	3	0.00	0.00
4.8.1.0	PI-LFAS-AP-T-3Y	PI Dev Lic for Lifecycle & Assurance Term 3Y	3	0.00	0.00
4.9.0	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	1	0.00	0.00

Optics

5.0	SFP-10G-SR-S=	10GBASE-SR SFP Module, Enterprise-Class	4	378.83	1,515.32
6.0	SFP-10G-LR-S=	10GBASE-LR SFP Module, Enterprise-Class	4	1,081.85	4,327.40
7.0	SFP-10G-ER-S=	10GBASE-ER SFP Module, Enterprise-Class	2	4,111.70	8,223.40

Wireless Access Points

8.0	CW9166I-B	Catalyst 9166I AP (W6E, tri-band 4x4, XOR) w/Reg-B	70	1,103.29	77,230.30
8.1.0	SW9166-CAPWAP-K9	Capwap software for Catalyst 9166I	70	0.00	0.00
8.2.0	AIR-AP-T-RAIL-R	Ceiling Grid Clip for APs & Cellular Gateways-Recessed	70	0.00	0.00
8.3.0	AIR-AP-BRACKET-1	802.11 AP Low Profile Mounting Bracket (Default)	70	0.00	0.00
8.4.0	CDNA-A-C9166	Wireless Cisco DNA On-Prem Advantage, 9166 Tracking	70	0.00	0.00
8.4.1.0	DNA-A-5Y-C9166	C9166I Cisco DNA On-Prem Advantage,5Y Term,Trk Lic	70	0.00	0.00
8.5.0	AIR-DNA-A	Wireless Cisco DNA On-Prem Advantage, Term Lic	70	0.00	0.00
8.5.1.0	AIR-DNA-A-5Y	Wireless Cisco DNA On-Prem Advantage, 5Y Term Lic	70	481.40	33,698.00
8.6.0	PI-LFAS-AP-T	Prime AP Term Licenses	70	0.00	0.00
8.6.1.0	PI-LFAS-AP-T-5Y	PI Dev Lic for Lifecycle & Assurance Term 5Y	70	0.00	0.00
8.7.0	AIR-DNA-A-T	Wireless Cisco DNA On-Prem Advantage, Term, Tracker Lic	70	0.00	0.00
8.7.1.0	AIR-DNA-A-T-5Y	Wireless Cisco DNA On-Prem Advantage, 5Y Term, Tracker Lic	70	0.00	0.00

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8.8.0	AIR-DNA-NWSTACK-A	Wireless DNA Perpetual Network Stack - Advantage	70	0.00	0.00
8.9.0	D-DNAS-EXT-BUN-T	Cisco DNA Spaces Extend Term License for Cisco DNA	70	0.00	0.00
8.9.1.0	D-DNAS-EXT-BUN-5Y	Cisco DNA Spaces Extend for Cisco DNA - 5Year	70	0.00	0.00
8.10.0	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	70	0.00	0.00
8.11.0	CW9166I-MULTI	Minimum Quantity = 10	70	0.00	0.00

Exterior APs

9.0	C9124AXI-B-EDU	Cisco Catalyst 9124AX Series - EDU	8	1,194.48	9,555.84
9.1.0	AIR-AP-NO-BRACKET	AP Bracket not shipped	8	0.00	0.00
9.2.0	PI-LFAS-AP-T	Prime AP Term Licenses	8	0.00	0.00
9.2.1.0	PI-LFAS-AP-T-5Y	PI Dev Lic for Lifecycle & Assurance Term 5Y	8	0.00	0.00
9.3.0	AIR-DNA-A-T	Wireless Cisco DNA On-Prem Advantage, Term, Tracker Lic	8	0.00	0.00
9.3.1.0	AIR-DNA-A-T-5Y	Wireless Cisco DNA On-Prem Advantage, 5Y Term, Tracker Lic	8	0.00	0.00
9.4.0	SW9124AX-CAPWAP-K9	Capwap software for Catalyst 9124AX	8	0.00	0.00
9.5.0	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	8	0.00	0.00
9.6.0	D-DNAS-EXT-BUN-T	Cisco DNA Spaces Extend Term License for Cisco DNA	8	0.00	0.00
9.6.1.0	D-DNAS-EXT-BUN-5Y	Cisco DNA Spaces Extend for Cisco DNA - 5Year	8	0.00	0.00
9.7.0	AIR-DNA-NWSTACK-A	Wireless DNA Perpetual Network Stack - Advantage	8	0.00	0.00
9.8.0	CDNA-A-C9124	Wireless Cisco DNA On-Prem Advantage, 9124 Tracking	8	0.00	0.00
9.8.1.0	DNA-A-5Y-C9124	C9124AX Cisco DNA On-Prem Advantage,5Y Term,Trk Lic	8	0.00	0.00
9.9.0	AIR-DNA-EDU-A	Wireless Cisco DNA On-Prem Advantage, Term, EDU Lic	8	0.00	0.00
9.9.1.0	EDU-DNA-A-5Y	Wireless Cisco DNA On-Prem Advantage, 5Y Term, EDU Lic	8	481.40	3,851.20

APs with Covers

10.0	C9120AXE-B-EDU	Cisco Catalyst 9120AX Series for EDU	2	1,004.50	2,009.00
10.1.0	SW9120AX-CAPWAP-K9	Capwap software for Catalyst 9120AX	2	0.00	0.00
10.2.0	AIR-ANT2524DW-R	2.4 GHz 2 dBi/5 GHz 4 dBi Dipole Ant., White, RP-TNC	8	24.45	195.60
10.3.0	AIR-AP-T-RAIL-R	Ceiling Grid Clip for APs & Cellular Gateways-Recessed	2	0.00	0.00
10.4.0	CDNA-A-C9120	Wireless Cisco DNA On-Prem Advantage, 9120 Tracking	2	0.00	0.00
10.4.1.0	DNA-A-5Y-C9120	C9120AX Cisco DNA On-Prem Advantage,5Y Term,Trk Lic	2	0.00	0.00
10.5.0	AIR-AP-BRACKET-1	802.11 AP Low Profile Mounting Bracket (Default)	2	0.00	0.00
10.6.0	AIR-DNA-EDU-A	Wireless Cisco DNA On-Prem Advantage, Term, EDU Lic	2	0.00	0.00
10.6.1.0	EDU-DNA-A-5Y	Wireless Cisco DNA On-Prem Advantage, 5Y Term, EDU Lic	2	481.40	962.80
10.7.0	PI-LFAS-AP-T	Prime AP Term Licenses	2	0.00	0.00
10.7.1.0	PI-LFAS-AP-T-5Y	PI Dev Lic for Lifecycle & Assurance Term 5Y	2	0.00	0.00
10.8.0	AIR-DNA-A-T	Wireless Cisco DNA On-Prem Advantage, Term, Tracker Lic	2	0.00	0.00
10.8.1.0	AIR-DNA-A-T-5Y	Wireless Cisco DNA On-Prem Advantage, 5Y Term, Tracker Lic	2	0.00	0.00
10.9.0	AIR-DNA-NWSTACK-A	Wireless DNA Perpetual Network Stack - Advantage	2	0.00	0.00
10.10.0	D-DNAS-EXT-BUN-T	Cisco DNA Spaces Extend Term License for Cisco DNA	2	0.00	0.00
10.10.1.0	D-DNAS-EXT-BUN-5Y	Cisco DNA Spaces Extend for Cisco DNA - 5Year	2	0.00	0.00

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10.11.0	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	2	0.00	0.00
10.12.0	C9120AXE-SINGLE	SINGLE PACK OPTION	2	0.00	0.00
10.13.0	C9120-OVER	C9120AX OVERPACK OPTION	2	0.00	0.00
11.0	ATS-12106P-S-L-3T-CG-UBPTB	12x10x6 Polycarbonate Enclosure with Solid Door, Latch Lock & 3 RPTNC Holes	2	400.00	800.00
Route, Switch, Wireless Labor					
12.0	NET-PRO-SRVC	Installation & Deployment per SoW. EN: Switch Only ,EN: Wireless Install	4	5,241.90	20,967.60
Conference Phones					
13.0	CP-8832-K9	Cisco 8832 in Charcoal with accessories for North America	2	878.47	1,756.94
13.1.0	CP-8832-POE	Cisco IP Conference Phone 8832 PoE Accessories for Worldwide	2	0.00	0.00
Office Phone					
14.0	CP-8851-K9=	Cisco IP Phone 8851	20	313.96	6,279.20
Teacher Phone					
15.0	CP-8811-K9=	Cisco IP Phone 8811 Series	61	243.21	14,835.81
Campus Voice Gateway					
16.0	ISR4321-V/K9	Cisco ISR 4321 Bundle, w/UC License	1	2,057.58	2,057.58
16.1.0	SL-4320-UC-K9	Unified Communication License for Cisco ISR 4320 Series	1	0.00	0.00
16.2.0	SL-4320-IPB-K9	IP Base License for Cisco ISR 4320 Series	1	0.00	0.00
16.3.0	PWR-4320-AC	AC Power Supply for Cisco ISR 4320	1	0.00	0.00
16.4.0	CAB-AC-C5	AC Power Cord, Type C5, US, Canada	1	0.00	0.00
16.5.0	MEM-FLSH-4G	4G Flash Memory for Cisco ISR 4300 (Soldered on motherboard)	1	0.00	0.00
16.6.0	MEM-4320-4G	4G DRAM for Cisco ISR 4320 (Soldered on motherboard)	1	0.00	0.00
16.7.0	NIM-BLANK	Blank faceplate for NIM slot on Cisco ISR 4400	1	0.00	0.00
16.8.0	SISR4300UK9-173	Cisco ISR 4300 Series IOS XE Universal	1	0.00	0.00
16.9.0	ORDERING-UC	Order a Flex subscription for CUBE, CME or SRST licenses	1	0.00	0.00
16.10.0	NIM-4FXO	4-port Network Interface Module - FXO (Universal)	1	520.47	520.47
16.11.0	CON-SNT-ISR4321V	SNTC-8X5XNBD Cisco ISR 4321 UC Bundle, PVD4-32, UC L Duration: 1.00 Years	1	379.10	379.10
UC Labor					
17.0	NET-PRO-SRVC	Installation & Deployment per SoW. UC: Voice NEW Install	4	2,996.80	11,987.20

Notes: 220051121-147628-02

New Elementary #7 (Lynn McKinney Elementary)
Cisco Systems TX | DIR-TSO-4167

Total	436,006.23
Tax/Vat	0.00
Shipping	0.00
Grand Total USD	436,006.23