



PROPOSAL FOR

DISTRICT-WIDE TECHNOLOGY NETWORK REFRESH

February 20, 2026

Prepared for:

Dublin Independent School District

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DISTRICT-WIDE NETWORK REFRESH SUMMARY

	Section	Summary Description (See below for full details)	Subtotal	
	NOC	New AI high-speed core switches; repurpose Aruba wireless access points; new battery backup system; temperature/humidity sensors for technology spaces	\$ 55,821.70	
	ADMIN	New "Top of Closet" (ToC) AI edge switches; repurpose Aruba switches; repurpose Aruba wireless access points; new battery backup system; temperature/humidity sensors for technology spaces	\$ 49,973.30	

	ELEMENTARY	New "Top of Closet" (ToC) AI edge switches; repurpose Aruba switches; repurpose Aruba wireless access points; new battery backup system; temperature/humidity sensors for technology spaces	\$ 38,067.90	
	INTERMEDIATE	New "Top of Closet" (ToC) AI edge switches; repurpose Aruba switches; repurpose Aruba wireless access points; new battery backup system; temperature/humidity sensors for technology spaces	\$ 41,865.20	
	HIGH SCHOOL	New "Top of Closet" (ToC) AI edge switches; repurpose Aruba switches; repurpose Aruba wireless access points; new battery backup system; temperature/humidity sensors for technology spaces	\$ 84,320.10	
	PROFESSIONAL SERVICES	Installation & configuration of all new and repurposed technology equipment	\$ 49,162.50	
	NETWORK MANAGEMENT	Third-party network management system to manage the hybrid environment of new and repurposed equipment	\$ 16,800.00	
			Total:	\$336,010.70

NOC - 2 x Core 48pt 1/10/25GE + 8pt 100GE; 1 x 48pt Mgif PoE++ Switches; Dual 1600W PS; 25Gb Uplinks; AI Assurance (5 Yrs)

(Closets: NOC (72pts))				
Qty	Part Number	Description	Unit Price	Total
2	EX4650-48Y-AFO 	EX4650 48x25G+8x100G 1U AC port side intake and PSU side exhaust	\$ 9,909.00	\$ 19,818.00
		<i>*Note: Connected with 2 x 100GE</i>		
2	S-EX-S-C3-5M246C-E	Erate bundle, SW EX Standard, EX4600 Series Switches, Includes Wired Assurance and VNA subscription for EX4600 Series Switches withSVC CORE support, 5 YEAR	\$ 1,485.00	\$ 2,970.00
2	JNP-100G-DAC-5M	QSFP28, 100GE Direct Attach Copper Cable, 5 meters, Standard Temperature (0 through 70 DEGREE C), 0.015W, 26 AWG	\$ 317.50	\$ 635.00
12	SFP-1G-T-C	SFP, 1G, Copper 100m, Standard Temperature (0 through 70 DegC), RJ-45 connector	\$ 112.00	\$ 1,344.00
		<i>*Note: 12 x 1000BaseT SFPs for servers and other core devices</i>		
2	SFP-1G-SX-C	SFP, 1G, FDDI 220m and OM1 275m/OM2 MMF 550m, Extended Temperature (-10 through 85 DegC), Duplex LC connector	\$ 47.00	\$ 94.00
		<i>*Note: 2 x 1000BaseSX SFPs for fiber devices</i>		
3	SFP-25G-LR-C	SFP28, 25GBASE-LR, SMF 10 km, Standard Temperature (0 through 70 DEGREE C), Duplex LC connector	\$ 418.50	\$ 1,255.50

2	SFP-25G-SR-C	SFP28, 25GBASE-SR, MMF OM3 70 meters and OM4 100 meters, Standard Temperature (0 through 70 DEGREE C), Duplex LC connector	\$ 144.90	\$ 289.80
		<i>*Note: Additional optics (1/10/25/40/100GE) can be specified based on other devices to connect to the core. Core switches are providing for current existing connection currently in place. Also, spare optics will be determined during finalized design.</i>		
1	EX4400-48MP 	Juniper EX4400 48pt M gig Switch (12pt x 1/2.5/5/10G, 36pt x 1/2.5G) with 2x100G uplink/stacking ports; 90W POE++	\$ 4,653.00	\$ 4,653.00
		<i>*Note: 10GE BaseT crossover to existing Aruba switches (Aruba side to be provided by district)</i>		
2	JPSU-1600-C-AC-AFO	1600W Compact AC AFO power supply for EX4400 switches	\$ 691.50	\$ 1,383.00
2	CBL-PWR-C15M-HITEMP-US	Power Cord, AC, US/Canada, C15M, 13A/125V, 2.5m, Straight Nema N5-15 to straight high temp C15M	\$ 36.00	\$ 72.00
4	EX4400-EM-4Y	4x25G SFP28 extension module for EX4400 series of switches. MACsec AES256	\$ 1,545.00	\$ 6,180.00
0	SFP-25G-LR-C	SFP28, 25GBASE-LR, SMF 10 km, Standard Temperature (0 through 70 DEGREE C), Duplex LC connector	\$ 418.50	\$ -
2	SFP-25G-SR-C	SFP28, 25GBASE-SR, MMF OM3 70 meters and OM4 100 meters, Standard Temperature (0 through 70 DEGREE C), Duplex LC connector	\$ 144.90	\$ 289.80

		<i>*Note: MMF (up to 100m) between NOC 48pt PoE Switch and each core switch</i>		
4	S-EX-S-C3-5M2-C-E	Erate bundle, SW EX Standard, Class 3 (32 or 48 ports), Includes Wired Assurance and VNA subscription for EX32 or EX48 Port Switches with SVC CORE support, 5 YEAR	\$ 946.00	\$ 3,784.00
3	TTG-25GE-SMF	SMF Jumper, 3'	\$ 65.00	\$ 195.00
4	TTG-25GE-MMF	MMF Jumper, 3'	\$ 45.00	\$ 180.00
2	TTG-1GE-MMF	MMF Jumper, 3'	\$ 45.00	\$ 90.00
0	SU2200RTXLCD2UTAA	Eaton Tripplite SmartUPS 2200 Rackmount	\$ 1,925.00	\$ -
		<i>*Note: Requires NEMA 5-20R Outlet</i>		
2	SU6000RT3UTAA	Eaton Tripplite SmartUPS 6000 Rackmount (Admin MDF)	\$ 5,325.00	\$ 10,650.00
		<i>*Note: Requires NEMA L6-30R or Hardwire</i>		
		<i>*Note: Redundant UPS for each core switch</i>		
2	WEBCARDLXE	Eaton Tripplite Network Mgmt Card	\$ 375.00	\$ 750.00
1	SV21-HW	Verkada Air Quality Sensor (Temp, Humidity, Air Particulates)	\$ 489.30	\$ 489.30
1	LIC-SV-5Y-CAP	Verkada 5-Year SV License, Capacity Increase	\$ 699.30	\$ 699.30
			Subtotal:	\$ 55,821.70
Admin - 4 x "Top of Closet" 48pt Mgmt Switches; Dual 1600W PS; 25Gb Uplinks; AI Assurance (5 Yrs)				

(Closets: Admin MDF (45pts), Admin OldTech (21pts), Admin Procurve 2626 (24pts), and Daycare (22pts))				
Qty	Part Number	Description	Unit Price	Total
4	EX4400-48MP	Juniper EX4400 48pt MgiG Switch (12pt x 1/2.5/5/10G, 36pt x 1/2.5G) with 2x100G uplink/stacking ports; 90W POE++	\$ 4,653.00	\$ 18,612.00
				
		<i>*Note: 10GE BaseT crossover to existing Aruba switches (Aruba side to be provided by district)</i>		
8	JPSU-1600-C-AC-AFO	1600W Compact AC AFO power supply for EX4400 switches	\$ 691.50	\$ 5,532.00
8	CBL-PWR-C15M-HITEMP-US	Power Cord, AC, US/Canada, C15M, 13A/125V, 2.5m, Straight Nema N5-15 to straight high temp C15M	\$ 36.00	\$ 288.00
4	EX4400-EM-4Y	4x25G SFP28 extension module for EX4400 series of switches. MACsec AES256	\$ 1,545.00	\$ 6,180.00
1	SFP-25G-LR-C	SFP28, 25GBASE-LR, SMF 10 km, Standard Temperature (0 through 70 DEGREE C), Duplex LC connector	\$ 418.50	\$ 418.50
		<i>*Note: SMF from Admin to NOC</i>		
6	SFP-25G-SR-C	SFP28, 25GBASE-SR, MMF OM3 70 meters and OM4 100 meters, Standard Temperature (0 through 70 DEGREE C), Duplex LC connector	\$ 144.90	\$ 869.40
		<i>*Note: MMF (up to 100m) between Admin MDF and 3 IDFs</i>		
4	S-EX-S-C3-5M2-C-E	Erate bundle, SW EX Standard, Class 3 (32 or 48 ports), Includes Wired Assurance and VNA subscription for EX32 or EX48 Port Switches with SVC CORE support, 5 YEAR	\$ 946.00	\$ 3,784.00

1	TTG-25GE-SMF	SMF Jumper, 3'	\$ 65.00	\$ 65.00
6	TTG-25GE-MMF	MMF Jumper, 3'	\$ 45.00	\$ 270.00
4	SU2200RTXLCD2UTAA	Eaton TrippLite SmartUPS 2200 Rackmount	\$ 1,925.00	\$ 7,700.00
		<i>*Note: Requires NEMA 5-20R Outlet</i>		
0	SU6000RT3UTAA	Eaton TrippLite SmartUPS 6000 Rackmount (Admin MDF)	\$ 5,325.00	\$ -
		<i>*Note: Requires NEMA L6-30R or Hardwire</i>		
4	WEBCARDLXE	Eaton TrippLite Network Mgmt Card	\$ 375.00	\$ 1,500.00
4	SV21-HW	Verkada Air Quality Sensor (Temp, Humidity, Air Particulates)	\$ 489.30	\$ 1,957.20
4	LIC-SV-5Y-CAP	Verkada 5-Year SV License, Capacity Increase	\$ 699.30	\$ 2,797.20
			Subtotal:	\$ 49,973.30
Elementary - 3 x "Top of Closet" 48pt Mgi Switches; Dual 1600W PS; 25Gb Uplinks; AI Assurance (5 Yrs)				
(Closets: Elem Lib MDF (188pts), Elem Stor (21pts), and ElemIS Gym (8pts))				
3	EX4400-48MP	Juniper EX4400 48pt Mgi Switch (12pt x 1/2.5/5/10G, 36pt x 1/2.5G) with 2x100G uplink/stacking ports; 90W POE++	\$ 4,653.00	\$ 13,959.00
		<i>*Note: 10GE BaseT crossover to existing Aruba switches (Aruba side to be provided by district)</i>		
6	JPSU-1600-C-AC-AFO	1600W Compact AC AFO power supply for EX4400 switches	\$ 691.50	\$ 4,149.00

6	CBL-PWR-C15M-HITEMP-US	Power Cord, AC, US/Canada, C15M, 13A/125V, 2.5m, Straight Nema N5-15 to straight high temp C15M	\$ 36.00	\$ 216.00
3	EX4400-EM-4Y	4x25G SFP28 extension module for EX4400 series of switches. MACsec AES256	\$ 1,545.00	\$ 4,635.00
1	SFP-25G-LR-C	SFP28, 25GBASE-LR, SMF 10 km, Standard Temperature (0 through 70 DEGREE C), Duplex LC connector	\$ 418.50	\$ 418.50
4	SFP-25G-SR-C	SFP28, 25GBASE-SR, MMF OM3 70 meters and OM4 100 meters, Standard Temperature (0 through 70 DEGREE C), Duplex LC connector	\$ 144.90	\$ 579.60
1	TTG-25GE-SMF	SMF Jumper, 3'	\$ 65.00	\$ 65.00
4	TTG-25GE-MMF	MMF Jumper, 3'	\$ 45.00	\$ 180.00
2	SU2200RTXLCD2UTAA	Eaton TrippLite SmartUPS 2200 Rackmount	\$ 1,925.00	\$ 3,850.00
		<i>*Note: Requires NEMA 5-20R Outlet</i>		
1	SU6000RT3UTAA	Eaton TrippLite SmartUPS 6000 Rackmount (Admin MDF)	\$ 5,325.00	\$ 5,325.00
		<i>*Note: Requires NEMA L6-30R or Hardwire</i>		
3	WEBCARDLXE	Eaton TrippLite Network Mgmt Card	\$ 375.00	\$ 1,125.00
3	SV21-HW	Verkada Air Quality Sensor (Temp, Humidity, Air Particulates)	\$ 489.30	\$ 1,467.90
3	LIC-SV-5Y-CAP	Verkada 5-Year SV License, Capacity Increase	\$ 699.30	\$ 2,097.90

			Subtotal:	\$38,067.90
Intermediate - 3 x "Top of Closet" 48pt Mgig Switches; Dual 1600W PS; 25Gb Uplinks; AI Assurance (5 Yrs)				
(Closets: Intermediate AV MDF (236pts), Int. IDF (188pts), and Bus Barn (23pts))				
3	EX4400-48MP 	Juniper EX4400 48pt Mgig Switch (12pt x 1/2.5/5/10G, 36pt x 1/2.5G) with 2x100G uplink/stacking ports; 90W POE++	\$ 4,653.00	\$ 13,959.00
		<i>*Note: 10GE BaseT crossover to existing Aruba switches (Aruba side to be provided by district)</i>		
6	JPSU-1600-C-AC-AFO	1600W Compact AC AFO power supply for EX4400 switches	\$ 691.50	\$ 4,149.00
6	CBL-PWR-C15M-HITEMP-US	Power Cord, AC, US/Canada, C15M, 13A/125V, 2.5m, Straight Nema N5-15 to straight high temp C15M	\$ 36.00	\$ 216.00
3	EX4400-EM-4Y	4x25G SFP28 extension module for EX4400 series of switches. MACsec AES256	\$ 1,545.00	\$ 4,635.00
3	SFP-25G-LR-C	SFP28, 25GBASE-LR, SMF 10 km, Standard Temperature (0 through 70 DEGREE C), Duplex LC connector	\$ 418.50	\$ 1,255.50
1	SFP-25G-SR-C	SFP28, 25GBASE-SR, MMF OM3 70 meters and OM4 100 meters, Standard Temperature (0 through 70 DEGREE C), Duplex LC connector	\$ 144.90	\$ 144.90
3	TTG-25GE-SMF	SMF Jumper, 3'	\$ 65.00	\$ 195.00
1	TTG-25GE-MMF	MMF Jumper, 3'	\$ 45.00	\$ 45.00
1	SU2200RTXLCD2UTAA	Eaton Tripp-lite SmartUPS 2200 Rackmount	\$ 1,925.00	\$ 1,925.00

		<i>*Note: Requires NEMA 5-20R Outlet</i>		
2	SU6000RT3UTAA	Eaton TrippLite SmartUPS 6000 Rackmount (Admin MDF)	\$ 5,325.00	\$ 10,650.00
		<i>*Note: Requires NEMA L6-30R or Hardwire</i>		
3	WEBCARDLXE	Eaton TrippLite Network Mgmt Card	\$ 375.00	\$ 1,125.00
3	SV21-HW	Verkada Air Quality Sensor (Temp, Humidity, Air Particulates)	\$ 489.30	\$ 1,467.90
3	LIC-SV-5Y-CAP	Verkada 5-Year SV License, Capacity Increase	\$ 699.30	\$ 2,097.90
			Subtotal:	\$ 41,865.20
High School - 7 x "Top of Closet" 48pt MgiG Switches; Dual 1600W PS; 25Gb Uplinks; AI Assurance (5 Yrs)				
(Closets: HS MDF (244 pts), HS AG (48 pts), HS COMM1 (48 pts), HS COMM2 (48 pts), HS IDF (140 pts), and HS Gym-Hallway (23 pts))				
7	EX4400-48MP	Juniper EX4400 48pt MgiG Switch (12pt x 1/2.5/5/10G, 36pt x 1/2.5G) with 2x100G uplink/stacking ports; 90W POE++	\$ 4,653.00	\$ 32,571.00
		<i>*Note: 10GE BaseT crossover to existing Aruba switches (Aruba side to be provided by district)</i>		
14	JPSU-1600-C-AC-AFO	1600W Compact AC AFO power supply for EX4400 switches	\$ 691.50	\$ 9,681.00
14	CBL-PWR-C15M-HITEMP-US	Power Cord, AC, US/Canada, C15M, 13A/125V, 2.5m, Straight Nema N5-15 to straight high temp C15M	\$ 36.00	\$ 504.00

7	EX4400-EM-4Y	4x25G SFP28 extension module for EX4400 series of switches. MACsec AES256	\$ 1,545.00	\$ 10,815.00
2	JNP-100G-DAC-5M	QSFP28, 100GE Direct Attach Copper Cable, 5 meters, Standard Temperature (0 through 70 DEGREE C), 0.015W, 26 AWG	\$ 317.50	\$ 635.00
		<i>*Note: Two MDF "ToC" switches connected with 2 x 100GE</i>		
1	SFP-25G-LR-C	SFP28, 25GBASE-LR, SMF 10 km, Standard Temperature (0 through 70 DEGREE C), Duplex LC connector	\$ 418.50	\$ 418.50
10	SFP-25G-SR-C	SFP28, 25GBASE-SR, MMF OM3 70 meters and OM4 100 meters, Standard Temperature (0 through 70 DEGREE C), Duplex LC connector	\$ 144.90	\$ 1,449.00
1	TTG-25GE-SMF	SMF Jumper, 3'	\$ 65.00	\$ 65.00
10	TTG-25GE-MMF	MMF Jumper, 3'	\$ 45.00	\$ 450.00
4	SU2200RTXLCD2UTAA	Eaton TrippLite SmartUPS 2200 Rackmount	\$ 1,925.00	\$ 7,700.00
		<i>*Note: Requires NEMA 5-20R Outlet</i>		
2	SU6000RT3UTAA	Eaton TrippLite SmartUPS 6000 Rackmount (Admin MDF)	\$ 5,325.00	\$ 10,650.00
		<i>*Note: Requires NEMA L6-30R or Hardwire</i>		
6	WEBCARDLXE	Eaton TrippLite Network Mgmt Card	\$ 375.00	\$ 2,250.00

6	SV21-HW	Verkada Air Quality Sensor (Temp, Humidity, Air Particulates)	\$ 489.30	\$ 2,935.80
6	LIC-SV-5Y-CAP	Verkada 5-Year SV License, Capacity Increase	\$ 699.30	\$ 4,195.80
			Subtotal:	\$ 84,320.10
District-wide Network Refresh Professional Services & Network Management				
1	TTG-LABOR-CORE	Installation & Configuration of Network Equipment -2 Juniper AI Core Switches	\$ 3,200.00	\$ 3,200.00
1	TTG-LABOR-LAN	Installation & Configuration of Network Equipment -18 Juniper AI Edge Switches; Up to 20 Aruba Edge Switches	\$ 7,600.00	\$ 7,600.00
1	TTG-LABOR-UPS	Installation & Configuration of Network Equipment -7 XL UPS; 11 Mid-sized UPS	\$ 2,700.00	\$ 2,700.00
1	TTG-LABOR-WLAN	Installation & Configuration of Network Equipment -100 Aruba Access Points	\$ 25,000.00	\$25,000.00
1	TTG-LABOR-VERKADA	Installation & Configuration of Sensors -17 Air Quality Sensors	\$ 4,250.00	\$ 4,250.00
1	TTG-PM	Project Management and Coordination	\$ 4,275.00	\$ 4,275.00
1	TTG-MISC	Miscellaneous supplies and consumables (labels, velcro, mounting hardware accessories, etc.)	\$ 2,137.50	\$ 2,137.50
			Subtotal:	\$ 49,162.50

OPTIONAL				
1	PRTG-2500	Paessler PRTG Network Monitoring for up to 250 Devices	\$ 9,600.00	\$ 9,600.00
1	TTG-LABOR-PRTG	Installation & Configuration of PRTG Network Monitoring	\$ 7,200.00	\$ 7,200.00
			Subtotal:	\$ 16,800.00