



Meeting Date: April 3, 2025

Submitted By: Dr. Lacey Gosch
Title: Assistant Superintendent

Agenda Item: Consider and take action approving the cost of the Cisco network equipment and services for the Selma Elementary School project in Bond 2022.

CONSENT ITEM

RECOMMENDATION:

It is recommended that the Board approve the cost of the Cisco network equipment and services from Great South Texas Corporation dba Computer Solutions for the Selma ES project in Bond 2022 and that the Board of Trustees delegate the authority to the Superintendent or their designee to execute all contracts and related documents necessary to complete this project. The scope of work includes providing the equipment, licensing, deployment plan, and installation of the networking equipment as part of the Selma ES construction project. This includes, but is not limited to, Cisco Core Switches, Cisco Catalyst Switches, Cisco Wireless Access Points and Controllers, and Vertiv UPS systems. Expenditures will be made from Bond 2022 funds at a total cost of \$1,094,939.90.

IMPACT/RATIONALE:

Board Policy CH (Local) states that any single, budgeted purchase of goods or services that cost \$50,000 or more require Board approval before a transaction may take place, unless the purchase falls into a categorical exemption or exception as reflected in the policy. Expenditures will be made from Bond 2022 funds at a total cost of \$1,094,939.90. The scope of work includes providing the equipment, licensing, deployment plan, and installation of the networking equipment as part of the Selma ES construction project. This includes, but is not limited to, Cisco Core Switches, Cisco Catalyst Switches, Cisco Wireless Access Points and Controllers, and Vertiv UPS systems. The contract will be for a specific project and will expire upon completion of all related services.

BOARD ACTION REQUESTED:

Approval/Disapproval



Date: April 3, 2025
To: Lynnette Trevino, Director of Purchasing
From: Benjamin S. Mora, Executive Director of Facilities Planning
Project: Selma ES – Cisco Network Equipment and Services

The Department of Facilities Planning has found Great South Texas Corporation dba Computer Solutions (DIR-CPO-5347) to be a highly qualified vendor to provide Cisco network equipment and associated services for the Selma ES project.

The scope of work includes providing the equipment, licensing, deployment plan, and installation of the networking equipment as part of the Selma ES construction project. This includes, but is not limited to, Cisco Core Switches, Cisco Catalyst Switches, Cisco Wireless Access Points and Controllers, and Vertiv UPS systems.

The total cost to procure the network equipment and services is \$1,094,939.90.

Expenditures will be made from Bond 2022 funds.

A categorical exemption shall be defined as:

- Expenditures for utilities including electricity, natural gas, telecommunications, water and wastewater.
- Expenditures for impact and permitting fees imposed by municipalities and county governments.
- Payments to the County Appraisal District.
- Expenditures for vehicle fuels procured through board-approved purchasing cooperatives.
- Expenditures for food service products procured through board-approved purchasing cooperatives.

An exception shall be defined as:

- Emergency expenditures in the event of catastrophe, emergency, or natural disaster affecting the district.

The expenditures indicated on the attached document are not covered under the categorical exceptions as contained in Board policy.

CC: Cecilia Davis, Deputy Superintendent of Operations
Daniel Brooks, Assistant Superintendent of Operations
Dr. Lacey Gosch, Assistant Superintendent of Support Services



Judson Independent School District Quotation Summary Form: Solicitation of 3 Written Quotes

Written quotes from a minimum of three (3) qualified vendors must be obtained and documentation of the quotes attached to the purchase requisition. Purchasing will review and approve quotes on a case by case basis.

Hernandez, Jesse

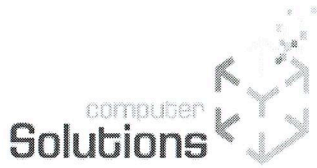
 Name of person obtaining quotes
 Technology Services

 Campus/Department

Vendor:
 Person Quoting:
 Phone Number:

		<u>Quote Number 1</u>		<u>Quote Number 2</u>		<u>Quote Number 3</u>	
		Barcom		UDT		Great S Texas	
		<u>S Stanly</u>		<u>C Sullivan</u>		<u>P Black</u>	
		<u>5129188843</u>		<u>8008829919</u>		<u>8005313858</u>	
Description	Quantity	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
Equipment for the New Elementary School	1	1,130,773.93	1130773.93	1,195,357.28	1195357.28	1,094,939.90	1094939.90
Sub Total		\$ 1,130,773.93		Sub Total	\$1,195,357.28	Sub Total	\$ 1,094,939.90
Freight				Freight		Freight	
Grand Total		\$ 1,130,773.93		Grand Total	\$1,195,357.28	Grand Total	\$ 1,094,939.90

If you do not accept the lowest quote, explain below.



Great South Texas Corp dba Computer Solutions

14410 Wurzbach Parkway, Suite 175
 San Antonio, Texas 78216
 United States
 www.comsoltx.com
 (P) 210-369-0300

Quote (Open)

Date Feb 21, 2025 10:28 AM CST	Expiration Date 04/30/2025
Modified Date Mar 04, 2025 01:14 PM CST	
Quote # 1049660 - rev 1 of 1	
Description Judson ISD: ES Network Equipment 20250217126821-E0	
SalesRep	
Customer Contact Hernandez, Jesse (P) 2109455567 jhernandez@judsonisd.org	

Customer

Judson ISD (5239)
 Hernandez, Jesse
 9142 FM 78
 Converse, TX 78109
 United States
 (P) 2109455562

Bill To

Judson ISD
 Accounts, Payables
 8012 Shin Oak Drive
 Live Oak, TX 78233
 United States
 (P) 210-945-5100

Ship To

Judson ISD-J Hernandez-Netwk Srvs
 Hernandez, Jesse
 6808 Woodlake Pkwy,
 San Antonio, TX 78244
 United States
 (P) 210-945-5567

Contract Programs: DIRCIS5347 -

CISCO DIR-CPO-5347 EXP 1/7/27
Certifications: WBE/SBE/HUB#
 1942650013800 Exp: 06/28/2025
Sales Order Type: Drop Ship - Ship to customers location

Customer PO:

Terms:

Purchase Order (Net 30 Days)

Ship Via:

FedEx Ground

Special Instructions:

Carrier Account #:

#	Description	Part #	List Price	Qty	Unit Price	Total
LAN Access Switches						
1	Catalyst 9300 48-port mGig UPoE+, NK12 Switch - L3 - managed - 48 x 100/1000/2.5G/5G/10GBase-T (UPOE+) - rack-mountable - UPOE+ (1690 W) - K-12 education	C9300X-48HX-EDU	\$17,660.36	28	\$6,534.33	\$182,961.24
2	CX LEVEL 1 8X5XNBD Catalyst 9300 48-port mGig UPoE+, NK12	CON-L1NBD-C99300X4	\$6,555.00	28	\$4,064.10	\$113,794.80
3	CX LEVEL 1 SW SUB C9300 DNA Essentials	CON-L1SWT-C93E48	\$330.00	28	\$204.60	\$5,728.80
4	C9300 DNA Essentials, 48-Port, 5 Year Term License Term License (5 years) - 48 ports - for P/N: C9300-48H-E, C9300-48UB-E, C9300-48U-E, C9300-48UN-E, C9300-48UXM-E, C9300-DNA-E-48=	C9300-DNA-E-48-5Y	\$2,211.99	28	\$818.43	\$22,916.04
5	Upgrade option 1900W AC 80+ platinum Config 1 Power Supply Power supply - hot-plug / redundant (plug-in module) - 80 PLUS Platinum - AC 100-240 V - 1900 Watt - for P/N: C9300-24H-10A, C9300-24H-10E, C9300-24H-1E, C9300-48H-1E, C9300X-24HX-1A	PWR-C1-1900WAC-UP	\$828.02	28	\$306.36	\$8,578.08
6	1900W AC 80+ platinum Config 1 Secondary Power Supply Power supply - hot-plug / redundant (plug-in module) - 80 PLUS Platinum - 1900 Watt - for P/N: C9300-24H-10A, C9300-24H-10E, C9300-48H-1E, C9300X-12Y-EDU, C9300X-24HX-1A	PWR-C1-1900WAC-P/2	\$3,075.50	28	\$1,137.93	\$31,862.04
7	Cisco pluggable USB3.0 SSD storage SSD - 240 GB - hot-swap - USB 3.0 - for P/N: C9300-48H-1E, C9300L-24UXG4XA-RF, C9300LM-24U-4Y-E, C9300LM-48T-4Y-A, C9300X-24HX-1A	SSD-240G	\$1,774.33	28	\$656.50	\$18,382.00
8	50CM Type 1 Stacking Cable Stacking cable - 1.6 ft - for Catalyst 3850-24, 3850-48	STACK-T1-50CM	\$118.29	28	\$43.76	\$1,225.28
9	Catalyst Stack Power Cable 30 CM Power cable - 1 ft - for Catalyst 3750X-12, 3750X-24, 3750X-48	CAB-SPWR-30CM	\$112.38	28	\$41.58	\$1,164.24
10	Catalyst Stack Power Cable 150 CM Spare Power cable - 5 ft - for Catalyst 3750X-12, 3750X-24, 3750X-48	CAB-SPWR-150CM=	\$267.61	4	\$99.01	\$396.04
11	1M Type 1 Stacking Cable Stacking cable - 3.3 ft - for Catalyst 3850-24, 3850-48	STACK-T1-1M=	\$300.44	1	\$111.16	\$111.16
12	10/25GBASE-LR SFP28 Module SFP28 transceiver module - 25GbE, 10GbE - 25GBase-LR - for P/N: A9903-8HG-PEC=, A9K-4HG-FLEX-FC=, ASR-9902, N9K-C9336C-FX2-E, NCS-55A2-MOD-HX-S	SFP-10/25G-LR-S=	\$2,774.19	8	\$1,026.45	\$8,211.60
13	Dual Rate 10/25GBASE-CSR SFP Module SFP28 transceiver module - 10GbE, 25GbE - 10GBase-CSR, 25GBase-CSR - LC/PC multi-mode - up to 1310 ft - 840-860 nm - for P/N: A9903-8HG-PEC=, C9300-24H-10A, C9300-24H-10E, C9300-24H-1E, C9500-48Y4C-A-CAP	SFP-10/25G-CSR-S=	\$1,295.26	36	\$479.24	\$17,252.64
14	Catalyst 9300 8 x 10G/25G Network Module SFP+/SFP28	C9300X-NM-8Y=	\$3,016.36	16	\$1,116.05	\$17,856.80

Subtotal \$430,440.76

Core/Distribution Switch

15 Catalyst 9400 Series 7 slot,1xSup, 2xLC , EDU LIC Switch - 48 x 10/100/1000 - plug-in module - UPOE (60 W) - academic (pack of 2)	C9407R-96U-BDL-EDU	\$19,399.31	1	\$7,177.74	\$7,177.74
16 CX LEVEL 1 8X5XNBD Catalyst 9400 Series 7 slot, Sup, 2xC9400	CON-L1NBD-C9407R9U	\$9,550.00	1	\$5,921.00	\$5,921.00
17 CX LEVEL 1 SW SUB Cisco Catalyst 9400	CON-L1SWT-C94A	\$3,780.00	1	\$2,343.60	\$2,343.60
18 Cisco Catalyst 9400 DNA Advantage - 5 Year License Term License (5 years) - for P/N: C9400-DNA-A=, C9404R, C9404R=, C9404R-48U-BNDL-A, C9407R, C9407R=, C9410R-96UBNDLA-RF	C9400-DNA-A-5Y	\$25,337.40	1	\$9,374.83	\$9,374.83
19 Cisco Catalyst 9400 Series 3200W AC Power Supply Power supply - hot-plug / redundant (plug-in module) - AC 100-240 V - 3200 Watt - for P/N: C9404R=, C9404R-10A, C9407R-10A, C9407R-P, C9410R-96U-BNDL-1E, C9410R-96UBNDLA-RF	C9400-PWR-3200AC	\$2,413.09	8	\$892.84	\$7,142.72
20 Catalyst 9400 Series SUP2XL BUNDLE PID ONLY-NOT ACTUAL HW Control processor - for P/N: C9404R-10A, C9404R-RF, C9404R-WS, C9407R-10A, C9407R-96U-STK-EDU, C9410R-WS	C9400X-SUP-2XL-B	\$12,072.06	1	\$4,466.66	\$4,466.66
21 Cisco Catalyst 9400 Series 480GB M2 SATA memory (Supervisor) SSD - 480 GB - internal - M.2 - SATA - for P/N: C9400-LC-48T=, C9400-SUP-1, C9400-SUP-1-B, C9407R-96U-BNDL-E	C9400-SSD-480GB	\$4,222.90	1	\$1,562.47	\$1,562.47
22 Cisco Catalyst 9400 Series Redundant Supervisor 2XL Module Control processor - redundant - 40GbE, 100GbE, 25GbE - plug-in module - for P/N: C9404R-10A, C9404R-RF, C9404R-WS, C9407R-10A, C9407R-96U-STK-EDU, C9410R-WS	C9400X-SUP-2XL/2	\$29,019.38	1	\$10,737.17	\$10,737.17
23 Cisco Catalyst 9400 Series 480GB M2 SATA memory (Supervisor) SSD - 480 GB - internal - M.2 - SATA - for P/N: C9400-LC-48T=, C9400-SUP-1, C9400-SUP-1-B, C9407R-96U-BNDL-E	C9400-SSD-480GB	\$4,222.90	1	\$1,562.47	\$1,562.47
24 Dual Rate 10/25GBASE-CSR SFP Module SFP28 transceiver module - 10GbE, 25GbE - 10GBase-CSR, 25GBase-CSR - LC/PC multi-mode - up to 1310 ft - 840-860 nm - for P/N: A9903-8HG-PEC=, C9300-24H-10A, C9300-24H-10E, C9300-24H-1E, C9500-48Y4C-A-CAP	SFP-10/25G-CSR-S=	\$1,295.26	36	\$479.24	\$17,252.64
25 10/25GBASE-LR SFP28 Module SFP28 transceiver module - 25GbE, 10GbE - 25GBase-LR - for P/N: A9903-8HG-PEC=, A9K-4HG-FLEX-FC=, ASR-9902, N9K-C9336C-FX2-E, NCS-55A2-MOD-HX-S	SFP-10/25G-LR-S=	\$2,774.19	8	\$1,026.45	\$8,211.60
26 Cisco Catalyst 9400 Series 20-Port 25GE and 4-Port 10G spare Switch - 20 x 25 Gigabit SFP28 + 4 x 10Gb Ethernet SFP+ - plug-in module	C9400-LC-24XY=	\$35,175.00	4	\$13,014.75	\$52,059.00
27 Cisco Catalyst 9400 Series 48-Port 10 Gigabit Ethernet(SFP+) Switch - 48 x 1/10GBase-X SFP+ - plug-in module	C9400-LC-48XS=	\$46,230.00	1	\$17,105.10	\$17,105.10

Subtotal \$144,917.00

Wireless

28 Cisco Wireless 9176I(W7,3 radio,3 band 4x4,UWB),Global Configurable - wireless access point - Wi-Fi 7, 2.5GbE, 5GbE, 10GbE - Wi-Fi 7, Bluetooth - 2.4 GHz, 5 GHz, 6 GHz	CW9176I-CFG	\$2,507.48	80	\$927.76	\$74,220.80
29 RMA UPGRADE 8X5XNBD Cisco Wireless 9176I	CON-ROB-CW9176IC	\$375.00	80	\$232.50	\$18,600.00
30 Cisco Wireless 9176D1(W7,3 radio,3 band 4x4,UWB),Global Configurable - wireless access point - Wi-Fi 7, 2.5GbE, 5GbE, 10GbE - Wi-Fi 7, Bluetooth - 2.4 GHz, 5 GHz, 6 GHz	CW9176D1-CFG	\$2,808.98	10	\$1,039.32	\$10,393.20
31 RMA UPGRADE 8X5XNBD Cisco Wireless 9176D	CON-ROB-CW9176D1	\$420.00	10	\$260.40	\$2,604.00
32 Articulating AP Arm	CW-MNT-ART2-00	\$201.00	10	\$74.37	\$743.70
33 IW9167, 11ax 6E AP, 8 RF ports, B domain, Wi-Fi mode Wireless access point - 10GbE, 5GbE, 2.5GbE - Wi-Fi 6E - Bluetooth - 2.4 GHz, 5 GHz, 6 GHz	IW9167EH-B-AP	\$3,462.23	15	\$1,281.02	\$19,215.30
34 SNTC-8X5XNBD IW9167, 11ax 6E AP, 8 RF ports, B domain CISCO SMARTNET	CON-SNT-IW9R67EH	\$690.00	15	\$427.80	\$6,417.00
35 Industrial Wireless Cisco DNA Advantage, 5Y Term Lic Term License (5 years)	IW-DNA-A-5	\$1,094.17	15	\$404.84	\$6,072.60
36 Power Injector, 60W, outdoor, North America plug PoE injector - AC - 60 Watt - North America - for Aironet 1562D, 1562E, 1562I, 1562PS	AIR-PWRINJ-60RGD1=	\$1,027.92	15	\$380.33	\$5,704.95
37 Outdoor GNSS Antenna with 15-ft cable Antenna - outdoor - for P/N: IW9167EH-A-AP, IW9167EH-A-URWB, IW9167EH-B-URWB, IW9167EH-E-AP, IW9167EH-Z-AP	ANT-GNSS-OUT-TNC=	\$326.63	15	\$120.85	\$1,812.75
38 5 GHz 14 dBi Directional Antenna , 2 port , N connectors Antenna - 14 dBi - directional - outdoor, pole mount	AIR-ANT5114P2M-N=	\$846.61	15	\$313.24	\$4,698.60
39 IW9167 Series Pole-Mount Kit, 2" to 16" Wireless access point mounting bracket - pole mountable - for Industrial Wireless 3700 Series	AIR-ACCPMK3700-2=	\$580.49	15	\$214.78	\$3,221.70
40 2.4 GHz, 5.0 dBi Omni Ant. with N Connect	AIR-ANT2450V-	\$225.86	30	\$83.56	\$2,506.80

Antenna - Wi-Fi - 5 dBi - omni-directional - outdoor - for Aironet 1522AG Lightweight Outdoor Mesh Access Point	N=				
41 4.9 GHz-5.8 GHz, 8.0 dBi Omni with N Connector Antenna - Wi-Fi - 8 dBi - omni-directional - outdoor - for Aironet 1522AG Lightweight Outdoor Mesh Access Point	AIR-ANT5180V-N=	\$366.61	30	\$135.64	\$4,069.20
42 Cisco Wireless License - Advantage License - for P/N: CISCO-NETWORK-SUB	LIC-CW-A	\$22.91	900	\$13.97	\$12,573.00
Note: per license per month List price 22.91 per each x 15 users 12 x 15 users = 180 users per year 180 users per year x 5 years = 900					
43 Cisco Wireless License - Advantage License - for P/N: CISCO-NETWORK-SUB	LIC-CW-A	\$22.91	4800	\$13.97	\$67,056.00
Note: per license per month List price 22.91 per each x 80 users 12 x 80 users = 960 users per year 960 users per year x 5 years = 4800					
44 Cisco Wireless License - Advantage License - for P/N: CISCO-NETWORK-SUB	LIC-CW-A	\$22.91	600	\$13.97	\$8,382.00
Note: per license per month List price 22.91 per each x 10 users 12 x 10 users = 120 users per year 120 users per year x 5 years = 600					
					Subtotal \$248,291.60

Vertiv Equipment

45 Liebert GXT5 UPS (rack-mountable / external) - AC 120 V - 2700 Watt - 3000 VA - Ethernet 10/100, USB - output connectors: 7 - 2U	GXT5LI-3000LVRT2UXLN	\$6,946.00	18	\$3,681.38	\$66,264.84
46 Liebert Battery enclosure (rack-mountable / external) - 1U - for GXT5	VEBCLI-48VRT1U	\$2,530.00	108	\$1,340.90	\$144,817.20
					Subtotal \$211,082.04

LevelOne Equipment

47 LevelOne Fiber Media Converter (GVT-2000)	GVT-2000	\$0.00	18	\$112.98	\$2,033.64
48 LevelOne SFP-3001 1.25G SX/MM/Duplex LC Mini GBIC 550m	SFP-3001	\$0.00	18	\$56.02	\$1,008.36
					Subtotal \$3,042.00

Installation & Configuration Services

49 Installation & Configuration Services Please see SOW for task-level breakdown	COMSOL-SVC	\$0.00	1	\$57,166.50	\$57,166.50
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Invoicing and Partial Invoice Policy: Computer Solutions will invoice or partial invoice products and/or services when they have shipped or rendered complete (or Milestone Complete). By ordering or releasing a PO for this order, you agree to pay for the items that have shipped or delivered as part of the whole order.

Subscriptions/Enterprise Agreements Cancellation Policy- Computer Solutions requires a forty-five (45) day written notification from the customer based on the renewal/anniversary date in order to process the cancellation with the applicable manufacturer(s).

Freight charges are estimates only. Returns are subject to approval and may include a restocking fee.

Tariff Disclaimer: All prices quoted are subject to change based on fluctuations in government tariffs, taxes, and duties. Computer Solutions reserves the right to adjust the final price to reflect any such changes that may occur between the date of the quote and the delivery of goods or services.

Subtotal:	\$1,094,939.90
Tax (.0000%):	\$0.00
Shipping:	\$0.00
Total:	\$1,094,939.90
(List Price:	\$2,361,455.48)



United Data Technologies Inc
 2900 Monarch Lakes Blvd, Suite 300
 Miramar, Florida 33027
 United States
 (P) 954-308-5100

Quotation (Open)	
Date Feb 25, 2025 01:00 PM EST	Expiration Date 04/30/2025
Modified Date Mar 04, 2025 02:06 PM EST	
Quote # COQO-70222 - rev 1 of 1	
Description Judson ISD New ES	
SalesRep	
Customer Contact Hernandez, Jesse (P) 210-945-5567 jhernandez@judsonisd.org	

Customer

Judson ISD (9489)
 Hernandez, Jesse
 8012 Shin Oak Drive
 Live Oak, TX 782332457
 United States
 (P) 2109455567

Bill To

Judson ISD
 Accounts Payable, Accounts Payable
 8012 Shin Oak Drive
 Live Oak, TX 782332457
 United States
 (P) 2109455567
 acctspayable@judsonisd.org

Ship To

Judson ISD-J Hernandez-Netwk Srvs
 Hernandez, J
 6808 Woodlake Pkwy
 San Antonio, TX 78244
 United States
 (P) 2109455567
 jhernandez@judsonisd.org

Customer PO:

Terms:

Purchase Order (N30)

Ship Via:

Other None

Special Instructions:

Carrier Account #:

#	Description	Part #	Qty	Unit Price	Total
Cisco					
1	Cisco Catalyst 9300X - Switch - L3 - managed - 48 x 100/1000/2.5G/5G/10GBase-T (UPOE+) - rack-mountable - UPOE+ (1690 W) - K-12 education Switch - L3 - managed - 48 x 100/1000/2.5G/5G/10GBase-T (UPOE+) - rack-mountable - UPOE+ (1690 W) - K-12 education	C9300X-48HX-EDU	28	\$5,941.95	\$166,374.60
2	CX LEVEL 1 8X5XNBD Catalyst 9300 48-port mGig UPoE+, NK12	CON-L1NBD-C99300X4	28	\$4,834.23	\$135,358.44
3	C9300 DNA ESSENTIALS, 48-PORT TERM LICENSES Term License - 48 ports - for P/N: C9300-48H-E, C9300-48H-EDU, C9300-48UB-E, C9300-48U-EDU-RF, C9300-48U-E-UL	C9300-DNA-E-48	28	\$0.00	\$0.00
4	CX LEVEL 1 SW SUB C9300 DNA Essentials	CON-L1SWT-C93E48	28	\$243.36	\$6,814.08
5	C9300 DNA ESSENTIALS, 48-PORT, 5 YEAR TERM LICENSE Term License (5 years) - 48 ports - for P/N: C9300-48H-E, C9300-48UB-E, C9300-48U-E, C9300-48UN-E, C9300-48UXM-E, C9300-DNA-E-48=	C9300-DNA-E-48-5Y	28	\$744.24	\$20,838.72
6	C9300 NETWORK ESSENTIALS, 48-PORT LICENSE Term License - 48 ports - for P/N: C9300-48H-EDU, C9300-48S-EDU, C9300-48U-EDU-RF, C9300-48UN-EDU, C9300-48UXM-EDU-RF	C9300-NW-E-48	28	\$0.00	\$0.00
7	CISCO CATALYST 9300 XE 17.12 UNIVERSAL License - for P/N: C9300-48H-1E	SC9300UK9-1712	28	\$0.00	\$0.00
8	Cisco - Power supply - hot-plug / redundant (plug-in module) - 80 PLUS Platinum - AC 100-240 V - 1900 Watt - for P/N: C9300-24H-10A, C9300-24H-10E, C9300-24H-1E, C9300-48H-1A, C9300-48H-E=, C9300-48H-EDU Power supply - hot-plug / redundant (plug-in module) - 80 PLUS Platinum - AC 100-240 V - 1900 Watt - for P/N: C9300-24H-10A, C9300-24H-10E, C9300-24H-1E, C9300-48H-1E, C9300X-24HX-1A	PWR-C1-1900WAC-UP	28	\$278.58	\$7,800.24
9	Cisco Config 1 Secondary Power Supply - Power supply - hot-plug / redundant (plug-in module) - 80 PLUS Platinum - 1900 Watt - for P/N: C9300-24H-10A, C9300-24H-10E, C9300-24H-1E, C9300X-12Y-E, C9300X-12Y-EDU Power supply - hot-plug / redundant (plug-in module) - 80 PLUS Platinum - 1900 Watt - for P/N: C9300-24H-10A, C9300-24H-10E, C9300-48H-1E, C9300X-12Y-EDU, C9300X-24HX-1A	PWR-C1-1900WAC-P/2	28	\$1,034.77	\$28,973.56
10	Cisco - Power cable - AC 125 V - 20 A - 8 ft - North America - for Catalyst 9300, 9300X Power cable - AC 125 V - 20 A - 8 ft - North America - for Catalyst 9300X	C9K-CAB-US520PC21	56	\$0.00	\$0.00
11	Cisco - SSD - 240 GB - hot-swap - USB 3.0 - for P/N: C9300X-48TX-1A, C9300X-48TX-1E, C9300X-48TX-A, C9300X-48TX-E, C9300X-48TX-EDU SSD - 240 GB - hot-swap - USB 3.0 - for P/N: C9300-48H-1E, C9300L-24UXG4XA-RF, C9300LM-24U-4Y-E, C9300LM-48T-4Y-A, C9300X-24HX-1A	SSD-240G	28	\$596.98	\$16,715.44
12	Cisco StackWise 480 - Stacking cable - 1.6 ft - for Catalyst 3850-24, 3850-48 Stacking cable - 1.6 ft - for Catalyst 3850-24, 3850-48	STACK-T1-50CM	28	\$39.80	\$1,114.40
13	Cisco StackPower - Power cable - 1 ft - for Catalyst 3750X-12, 3750X-24, 3750X-48 Power cable - 1 ft - for Catalyst 3750X-12, 3750X-24, 3750X-48	CAB-SPWR-30CM	28	\$37.80	\$1,058.40

14	Cisco - Network device slot cover - for Catalyst 9300X Network device slot cover - for Catalyst 9300X	C9300X-NM-BLANK	28	\$0.00	\$0.00
15	Cisco - Rubber feet - for P/N: C9300X-24HX-1A Rubber feet - for P/N: C9200-24PB-1A, C9200-STACK-KIT=, C9300-48H-1E, C9300X-24HX-1A	C9K-ACC-RBFT	28	\$0.00	\$0.00
16	Cisco - Screw kit (pack of 4 pieces) - for P/N: C9300X-24HX-1A Screw kit (pack of 4 pieces) - for P/N: C9200-24PB-1A, C9200-STACK-KIT=, C9300-48H-1E, C9300X-24HX-1A	C9K-ACC-SCR-4	28	\$0.00	\$0.00
17	Cisco - Cable management guide - 1U - for P/N: C9300X-24HX-1A Cable management guide - 1U - for P/N: C9200-24PB-1A, C9200-STACK-KIT=, C9300-48H-1E, C9300X-24HX-1A	CAB-GUIDE-1RU	28	\$0.00	\$0.00
18	Cisco - Network device slot cover - for Catalyst 9300X Network device slot cover - for Catalyst 9300X	C9300X-NM-NONE	28	\$0.00	\$0.00
19	NETWORK PLUG-N-PLAY CONNECT FOR ZERO-TOUCH DEVICE DEPLOYMENT License - for P/N: C9200-24PB-1A, C9300-48H-1E, C9500X-60L4D-EDU, CW9163E-E, ISR1100X-6G-RF	NETWORK-PNP-LIC	28	\$0.01	\$0.28
20	CABO Catalyst 3750X and 3850 Stack Power Cable 150 CM Power cable - 5 ft - for Catalyst 3750X-12, 3750X-24, 3750X-48	CAB-SPWR-150CM=	4	\$90.04	\$360.16
21	Cisco StackWise 480 - Stacking cable - 3.3 ft - for Catalyst 3850-24, 3850-48 Stacking cable - 3.3 ft - for Catalyst 3850-24, 3850-48	STACK-T1-1M=	1	\$101.08	\$101.08
22	Cisco - SFP28 transceiver module - 10 GigE, 25 Gigabit LAN - 25GBase-LR - for P/N: A9903-8HG-PEC=, A9K-4HG-FLEX-FC=, ASR-9902, N9K-C9336C-FX2-E, NCS-55A2-MOD-HX-S SFP28 transceiver module - 25GbE, 10GbE - 25GBase-LR - for P/N: A9903-8HG-PEC=, A9K-4HG-FLEX-FC=, ASR-9902, N9K-C9336C-FX2-E, NCS-55A2-MOD-HX-S	SFP-10/25G-LR-S=	8	\$933.39	\$7,467.12
23	Cisco - SFP28 transceiver module - 10 GigE, 25 Gigabit LAN - 10GBase-CSR, 25GBase-CSR - LC/PC multi-mode - up to 1310 ft - 840-860 nm - for P/N: A9903-8HG-PEC=, C9300-24H-10A, C9300-24H-10E, C9300-24H-1E, C9500-48Y4C-A-CAP SFP28 transceiver module - 10GbE, 25GbE - 10GBase-CSR, 25GBase-CSR - LC/PC multi-mode - up to 1310 ft - 840-860 nm - for P/N: A9903-8HG-PEC=, C9300-24H-10A, C9300-24H-10E, C9300-24H-1E, C9500-48Y4C-A-CAP	SFP-10/25G-CSR-S=	36	\$435.79	\$15,688.44
24	Cisco Catalyst 9300 Series Network Module - Expansion module - 1Gb Ethernet/10Gb Ethernet/25Gb Ethernet SFP x 8 Expansion module - 1Gb Ethernet/10Gb Ethernet/25Gb Ethernet SFP x 8	C9300X-NM-8Y=	16	\$1,014.87	\$16,237.92
25	Cisco Catalyst 9400 Series Line Card - Switch - 48 x 10/100/1000 - plug-in module - UPOE (60 W) - academic (pack of 2) Switch - 48 x 10/100/1000 - plug-in module - UPOE (60 W) - academic (pack of 2)	C9407R-96U-BDL-EDU	1	\$6,527.03	\$6,527.03
26	CX LEVEL 1 8X7NCDCatalyst 9400 Series 7 slot Sup 2xC940 Extended service agreement - advance hardware replacement - shipment - 8x7 - response time: next day - for P/N: C9407R-96U-BDL-EDU	CON-L1NCD-C9407R9U	1	\$8,928.55	\$8,928.55
27	CISCO CATALYST 9400 DNA ADVANTAGE TERM LICENSE Term License - for P/N: C9404R=, C9404R-48UBNDLA-RF, C9407R-RF, C9410R-96UBNDLA-RF, C9410R-RF	C9400-DNA-A	1	\$0.00	\$0.00
28	CX LEVEL 1 SW SUB Cisco Catalyst 9400	CON-L1SWT-C94A	1	\$2,787.70	\$2,787.70
29	CISCO CATALYST 9400 DNA ADVANTAGE - 5 YEAR LICENSE Term License (5 years) - for P/N: C9400-DNA-A=, C9404R, C9404R=, C9404R-48U-BNDL-A, C9407R, C9407R=, C9410R-96UBNDLA-RF	C9400-DNA-A-5Y	1	\$8,524.95	\$8,524.95
30	Cisco DNA Spaces Extend Term License for Catalyst Switches Term License Subscription - for Catalyst Switches - for P/N: C9300-48H-1E, C9300L-24UXG4XA-RF, C9300LM-48T-4Y-A, C9300LM-48U-4Y-A, C9300X-24HX-1A	D-DNAS-EXT-S-T	1	\$0.00	\$0.00
31	Cisco DNA Spaces Extend for Catalyst Switching - 5Year Term License Subscription (5 years)	D-DNAS-EXT-S-5Y	1	\$0.00	\$0.00
32	Cisco ThousandEyes Enterprise Agent IBN Embedded Embedded license - 1 agent - for P/N: C9300L-24UXG4XA-RF, C9300LM-48T-4Y-A, C9300LM-48U-4Y-A, C9300X-24HX-1A	TE-EMBEDDED-T	1	\$0.00	\$0.00
33	ThousandEyes - Enterprise Agents Term License (5 years)	TE-EMBEDDED-T-5Y	1	\$0.00	\$0.00
34	CISCO CATALYST 9400 NETWORK ADVANTAGE LICENSE Term License - for P/N: C9404R-48U-BDL-EDU, C9407R-96U-BDL-EDU, C9410R-96U-BDL-EDU, C9410R-96UBNDLA-RF	C9400-NW-A	2	\$0.00	\$0.00
35	Cisco - Network device slot cover - for P/N: C9404R=, C9407R-96U-BNDL-A, C9410R-96U-BNDL-A, C9410R-96UBNDLA-RF, C9410R-96U-BNDL-E Network device slot cover - for P/N: C9404R=, C9407R-96U-BNDL-A, C9410R-96U-BNDL-A, C9410R-96UBNDLA-RF, C9410R-96U-BNDL-E	C9400-S-BLANK	3	\$0.00	\$0.00
36	TE agent for IOSXE on C9K License - 1 user - hosted - for Cisco IOS XE - for P/N: C9300L-24UXG4XA-RF, C9300LM-48T-4Y-A, C9300LM-48UX-4Y-A, C9300X-24HX-1A	TE-C9K-SW	1	\$0.00	\$0.00
37	Cisco - Blank cover panel - for P/N: C9400X-SUP-2=, C9400X-SUP-2XL=, C9404R-10A, C9407R-10A, C9407R-96U-STK-EDU Blank cover panel - for P/N: C9400X-SUP-2=, C9400X-SUP-2XL=, C9404R-10A, C9407R-10A, C9407R-96U-STK-EDU	C9400-QSFP-CVR	8	\$0.00	\$0.00
38	CISCO CATALYST 9400 XE 17.12 UNIVERSAL (v. 17.12) - license	S9400UK9-1712	1	\$0.00	\$0.00
39	Cisco - Power supply - hot-plug / redundant (plug-in module) - AC 100-240 V - 3200 Watt - for P/N: C9404R=, C9404R-10A, C9407R-10A, C9407R-P, C9410R-96U-BNDL-1E, C9410R-96UBNDLA-RF Power supply - hot-plug / redundant (plug-in module) - AC 100-240 V - 3200 Watt - for P/N: C9404R=, C9404R-10A, C9407R-10A, C9407R-P, C9410R-96U-BNDL-1E, C9410R-96UBNDLA-RF	C9400-PWR-3200AC	8	\$811.90	\$6,495.20

40	NEMA 5-20 to IEC-C19 14ft US Power cable - IEC 60320 C19 to NEMA 5-20 (M) - AC 110 V - 14 ft - North America - for P/N: BE6K-M6-K9-RF, BE7M-M6-K9-RF, IEC-6400-URWB, UCSC-C225-M6N-NEW, UCSC-C225-M8N	CAB-US520-C19-US	8	\$0.00	\$0.00
41	Console Cable 6ft with RJ-45-to-RJ-45 Serial cable - RJ-45 (M) to RJ-45 (M) - 6 ft - for P/N: C9404R=, C9404R-10A, C9407R-10A, C9407R-P, C9410R-96U-BNDL-1E, C9410R-96UBNDLA-RF	CAB-CON-C9K-RJ45	1	\$0.00	\$0.00
42	Cisco - Cable management guide - for P/N: C9404R-10A, C9407-96U-BNDL-CX, C9407R-10A, C9407R-96U-STK-EDU, C9410R-96U-BNDL-1E Cable management guide - for P/N: C9404R-10A, C9407-96U-BNDL-CX, C9407R-10A, C9407R-96U-STK-EDU, C9410R-96U-BNDL-1E	CAB-GUIDE-7R	1	\$0.00	\$0.00
43	Cisco - Power adapter Power adapter - for P/N: C9404R-10A, C9407-96U-BNDL-CX, C9407R-10A, C9407R-96U-STK-EDU, C9410R-96U-BNDL-1E	C9K-ACC-ADP-DB9	1	\$0.00	\$0.00
44	Cisco - Screw kit (pack of 12 pieces) - for P/N: C9404R-10A, C9407R-10A, C9407R-96U-STK-EDU, C9407R-P, C9410R-96U-BNDL-1E Screw kit (pack of 12 pieces) - for P/N: C9404R-10A, C9407R-10A, C9407R-96U-STK-EDU, C9407R-P, C9410R-96U-BNDL-1E	C9K-ACC-SCR-12	1	\$0.00	\$0.00
45	Cisco Catalyst C9400X-SUP-2XL Supervisor Engine - Control processor - redundant - 40 Gigabit LAN, 100 Gigabit Ethernet, 25 Gigabit LAN - plug-in module - for P/N: C9404R-10A, C9404R-RF, C9404R-WS, C9407R-10A, C9407R-96U-STK-EDU, C9410R-WS Control processor - redundant - 40GbE, 100GbE, 25GbE - plug-in module - for P/N: C9404R-10A, C9404R-RF, C9404R-WS, C9407R-10A, C9407R-96U-STK-EDU, C9410R-WS	C9400X-SUP-2XL/2	1	\$9,763.77	\$9,763.77
46	CISCO CATALYST 9400 SERIES 480GB M2 SATA MEMORY (SUPERVISOR) SSD - 480 GB - internal - M.2 - SATA - for P/N: C9400-LC-48T=, C9400-SUP-1, C9400-SUP-1-B, C9407R-96U-BNDL-E	C9400-SSD-480GB	1	\$1,420.82	\$1,420.82
47	Cisco - Control processor - for P/N: C9404R-10A, C9404R-RF, C9404R-WS, C9407R-10A, C9407R-96U-STK-EDU, C9410R-WS Control processor - for P/N: C9404R-10A, C9404R-RF, C9404R-WS, C9407R-10A, C9407R-96U-STK-EDU, C9410R-WS	C9400X-SUP-2XL-B	1	\$4,061.73	\$4,061.73
48	Cisco Catalyst C9400X-SUP-2XL Supervisor Engine - Control processor - 40 Gigabit LAN, 100 Gigabit Ethernet, 25 Gigabit LAN - plug-in module - for P/N: C9404R-10A, C9404R-RF, C9404R-WS, C9407R-10A, C9407R-96U-STK-EDU, C9410R-WS Control processor - 40GbE, 100GbE, 25GbE - plug-in module - for P/N: C9404R-10A, C9404R-RF, C9404R-WS, C9407R-10A, C9407R-96U-STK-EDU, C9410R-WS	C9400X-SUP-2XL	1	\$0.00	\$0.00
49	CISCO CATALYST 9400 SERIES 480GB M2 SATA MEMORY (SUPERVISOR) SSD - 480 GB - internal - M.2 - SATA - for P/N: C9400-LC-48T=, C9400-SUP-1, C9400-SUP-1-B, C9407R-96U-BNDL-E	C9400-SSD-480GB	1	\$1,420.82	\$1,420.82
50	CATALYST 9400 2XC9400-LC-48P BUNDLE PID ONLY-NOT ACTUAL HW Switch - 48 x 10/100/1000 - plug-in module - PoE+ (pack of 2) - for P/N: C9407R-96U-BNDL-1E, C9410R-96U-BNDL-1A, C9410R-96U-BNDL-1E, C9410R-96UBNDLA-RF	C9400-LC-48P-B	1	\$0.00	\$0.00
51	Cisco Catalyst 9400 Series Line Card - Switch - 48 x 10/100/1000 - plug-in module - PoE+ - for P/N: C9404R=, C9404R-10A, C9407R-10A, C9407R-P, C9410R-96U-BNDL-1E, C9410R-96UBNDLA-RF Switch - 48 x 10/100/1000 - plug-in module - PoE+ - for P/N: C9404R=, C9404R-10A, C9407R-10A, C9407R-P, C9410R-96U-BNDL-1E, C9410R-96UBNDLA-RF	C9400-LC-48P	1	\$0.00	\$0.00
52	Cisco Catalyst 9400 Series Line Card - Switch - 48 x 10/100/1000 - plug-in module - PoE+ - for P/N: C9404R=, C9404R-10A, C9407R-10A, C9407R-P, C9410R-96U-BNDL-1E, C9410R-96UBNDLA-RF Switch - 48 x 10/100/1000 - plug-in module - PoE+ - for P/N: C9404R=, C9404R-10A, C9407R-10A, C9407R-P, C9410R-96U-BNDL-1E, C9410R-96UBNDLA-RF	C9400-LC-48P	1	\$0.00	\$0.00
53	NETWORK PLUG-N-PLAY CONNECT FOR ZERO-TOUCH DEVICE DEPLOYMENT License - for P/N: C9200-24PB-1A, C9300-48H-1E, C9500X-60L4D-EDU, CW9163E-E, ISR1100X-6G-RF	NETWORK-PNP-LIC	1	\$0.01	\$0.01
54	Cisco - SFP28 transceiver module - 10 GigE, 25 Gigabit LAN - 10GBase-CSR, 25GBase-CSR - LC/PC multi-mode - up to 1310 ft - 840-860 nm - for P/N: A9903-8HG-PEC=, C9300-24H-10A, C9300-24H-10E, C9300-24H-1E, C9500-48Y4C-A-CAP SFP28 transceiver module - 10GbE, 25GbE - 10GBase-CSR, 25GBase-CSR - LC/PC multi-mode - up to 1310 ft - 840-860 nm - for P/N: A9903-8HG-PEC=, C9300-24H-10A, C9300-24H-10E, C9300-24H-1E, C9500-48Y4C-A-CAP	SFP-10/25G-CSR-S=	36	\$435.79	\$15,688.44
55	Cisco - SFP28 transceiver module - 10 GigE, 25 Gigabit LAN - 25GBase-LR - for P/N: A9903-8HG-PEC=, A9K-4HG-FLEX-FC=, ASR-9902, N9K-C9336C-FX2-E, NCS-55A2-MOD-HX-S SFP28 transceiver module - 25GbE, 10GbE - 25GBase-LR - for P/N: A9903-8HG-PEC=, A9K-4HG-FLEX-FC=, ASR-9902, N9K-C9336C-FX2-E, NCS-55A2-MOD-HX-S	SFP-10/25G-LR-S=	8	\$933.39	\$7,467.12
56	Cisco Catalyst 9400 Series Line Card - Switch - 48 x 1/10GBase-X SFP+ - plug-in module Switch - 48 x 1/10GBase-X SFP+ - plug-in module	C9400-LC-48XS=	1	\$15,554.41	\$15,554.41
57	CW9176I - Access Point - Gigabit Ethernet - Compliant 802.11 a/b/g/n/ac/ax/be - 4GB DRAM - 16GB Flash - 100M/1000M/2.5G/5G/10G Multigigabit Ethernet (RJ-45), Management console (RJ-45), USB 2.0 - Limited lifetime warranty Configurable - wireless access point - Wi-Fi 7, 2.5GbE, 5GbE, 10GbE - Wi-Fi 7, Bluetooth - 2.4 GHz, 5 GHz, 6 GHz	CW9176I-CFG	80	\$843.65	\$67,492.00
58	RMA UPGRADE 8X5XNBD Cisco Wireless 9176I	CON-ROB-CW9176IC	80	\$280.42	\$22,433.60
59	802.11 AP UNIVERSAL MOUNTING BRACKET Network device mounting bracket - for Aironet 1041, 1042, 1130AG, 1131AG, 1131G, 1141, 1142, 1260, 3501e, 3501i, 3502e, 3502i	AIR-AP-BRACKET-2	80	\$0.00	\$0.00
60	Cisco Ceiling Grid Clip: Recessed - Network device mounting kit - ceiling mountable - for P/N: AIR-AP1832I-AK9-WS, C9105AXI-D, CW9162I-B, CW9162I-E, CW9162I-ROW, CW9164I-A	AIR-AP-T-RAIL-R	80	\$0.00	\$0.00

	Network device mounting kit - ceiling mountable - for P/N: CW91621-ROW, CW91621-Z, CW9166D1-A, CW9166D1-B, CW9166D1-E, CW9166D1-ROW, CW91661-F							
61	CW91761 - Access Point - Gigabit Ethernet - Compliant 802.11 a/b/g/n/ac/ax/be - 4GB DRAM - 16GB Flash - 100M/1000M/2.5G/5G/10G Multigigabit Ethernet (RJ-45), Management console (RJ-45), USB 2.0 - Limited lifetime warranty	CW91761-SINGLE	80	\$0.00	\$0.00			
62	CW9176D1 - Access Point - Gigabit Ethernet - Compliant 802.11 a/b/g/n/ac/ax/be - 4GB DRAM - 16GB Flash - 100M/1000M/2.5G/5G/10G Multigigabit Ethernet (RJ-45), Management console (RJ-45), USB 2.0 - Limited lifetime warranty Configurable - wireless access point - Wi-Fi 7, 2.5GbE, 5GbE, 10GbE - Wi-Fi 7, Bluetooth - 2.4 GHz, 5 GHz, 6 GHz	CW9176D1-CFG	10	\$945.09	\$9,450.90			
63	RMA UPGRADE 8X5XNBD Cisco Wireless 9176D	CON-ROB-CW9176D1	10	\$314.06	\$3,140.60			
64	802.11 AP UNIVERSAL MOUNTING BRACKET Network device mounting bracket - for Aironet 1041, 1042, 1130AG, 1131AG, 1131G, 1141, 1142, 1260, 3501e, 3501i, 3502e, 3502i	AIR-AP-BRACKET-2	10	\$0.00	\$0.00			
65	Cisco Ceiling Grid Clip: Recessed - Network device mounting kit - ceiling mountable - for P/N: AIR-AP18321-AK9-WS, C9105AXI-D, CW91621-B, CW91621-E, CW91621-ROW, CW91641-A Network device mounting kit - ceiling mountable - for P/N: CW91621-ROW, CW91621-Z, CW9166D1-A, CW9166D1-B, CW9166D1-E, CW9166D1-ROW, CW91661-F	AIR-AP-T-RAIL-R	10	\$0.00	\$0.00			
66	Cisco Wireless 9176 Access Points: Internal antennas - Gigabit Ethernet,Wi-Fi,Bluetooth - 2.4 GHz, 5 GHz, 6GHz - 4 x MU-MIMO - 4096 MB DRAM, 16 GB storage flash - Limited lifetime hardware warranty	CW9176D1-SINGLE	10	\$0.00	\$0.00			
67	Articulating AP Arm	CW-MNT-ART2-00	1	\$67.63	\$67.63			
68	Cisco Catalyst IW9167E Heavy Duty - Wireless access point - 10 GigE, 5 GigE, 2.5 GigE, Bluetooth 5.0 LE - Bluetooth, 802.11a/b/g/n/ac/ax (Wi-Fi 6E) - 2.4 GHz, 5 GHz, 6 GHz Wireless access point - 10GbE, 5GbE, 2.5GbE - Wi-Fi 6E - Bluetooth - 2.4 GHz, 5 GHz, 6 GHz	IW9167EH-B-AP	15	\$1,164.89	\$17,473.35			
69	SNTC-8X5XNBD IW9167, 11ax 6E AP, 8 RF ports, B domain Extended service agreement - replacement - 8x5 - response time: NBD - for P/N: IW9167EH-B-AP, IW9167EH-B-AP++	CON-SNT-IW9R67EH	15	\$515.97	\$7,739.55			
70	Cisco Digital Network Architecture Advantage - Term License - for P/N: ESW-6300-CON-S-K9, IW9167EH-B-AP, IW9167EH-E-AP, IW9167EH-Z-AP Term License - for P/N: ESW-6300-CON-Z-K9, IW9167EH-B-AP++, IW9167EH-Z-AP, IW9167IH-B-AP, IW9167IH-E-AP	IW-DNA-A	15	\$0.00	\$0.00			
71	Cisco Digital Network Architecture Advantage - Term License (5 years) Term License (5 years)	IW-DNA-A-5	15	\$368.14	\$5,522.10			
72	Aironet AP License Term Licenses Term License - 1 access point - for P/N: C9124AXE-A-RF, CW9163E-E, CW9166D1-A, CW9166D1-ROW, IW9167IH-B-AP, IW9167IH-E-AP	AIR-DNA-A-T	15	\$0.00	\$0.00			
73	Aironet DNA Advantage 5 Year Term License Term License (5 years) - 1 access point	AIR-DNA-A-T-5Y	15	\$0.00	\$0.00			
74	CISCO DNA SPACES EXTEND TERM LICENSE FOR CISCO DNA Term License - Extend Option - for P/N: C9124AXE-A-RF, CW9166D1-A, CW9166D1-E, CW9166D1-ROW, IW9167IH-B-AP, IW9167IH-E-AP	D-DNAS-EXT-BUN-T	15	\$0.00	\$0.00			
75	CISCO DNA SPACES EXTEND FOR CISCO DNA - 5YEAR Subscription license (5 years)	D-DNAS-EXT-BUN-5Y	15	\$0.00	\$0.00			
76	Cisco CAPWAP - License - 1 license - for P/N: IW9167EH-B-AP, IW9167EH-E-AP, IW9167EH-Z-AP License - 1 license - for P/N: IW9167EH-B-AP++, IW9167EH-E-AP, IW9167EH-Z-AP, IW9167IH-B-AP, IW9167IH-E-AP	SWIW9167-CAPWAP-K9	15	\$0.00	\$0.00			
77	Cisco - Tracking - for P/N: ESW-6300-CON-S-K9, IW9167EH-A-AP, IW9167EH-B-AP, IW9167EH-E-AP, IW9167EH-Z-AP Tracking - for P/N: ESW-6300-CON-Z-K9, IW9167EH-B-AP++, IW9167EH-Z-AP, IW9167IH-B-AP, IW9167IH-E-AP	IW-AP-LOCAL	15	\$0.00	\$0.00			
78	IOT FOR EXTENDED ENTERPRISE SOLUTIONS. FOR TRACKING ONLY. License - tracking only - for P/N: 1783-CMS10DP, 1783-CMS6P, IE-3100-18T2C-CC-E, IE-3100-8P2C-E++	IOT-ENTERPRISE	15	\$0.00	\$0.00			
79	NOT RELATED TO IOT ENTERPRISE SOLUTIONS. FOR TRACKING ONLY. License - tracking only - for P/N: 1783-CMS10DP, 1783-CMS6P, IE-3100-18T2C-CC-E, IE-3100-8P2C-E, IE-3100-8P2C-E++	IOT-ENT-OTHER	15	\$0.00	\$0.00			
80	AIR DNA Perpetual Network Stack Term License - for P/N: C9124AXE-A-RF, CW9163E-E, CW9166D1-A, CW9166D1-ROW, IW9167IH-B-AP, IW9167IH-E-AP	AIR-DNA-NWSTACK-A	15	\$0.00	\$0.00			
81	NETWORK PLUG-N-PLAY CONNECT FOR ZERO-TOUCH DEVICE DEPLOYMENT License - for P/N: C9200-24PB-1A, C9300-48H-1E, C9500X-60L4D-EDU, CW9163E-E, ISR1100X-6G-RF	NETWORK-PNP-LIC	15	\$0.01	\$0.15			
82	POWER INJECTOR, 60W, OUTDOOR, NORTH AMERICA PLUG PoE injector - AC - 60 Watt - North America - for Aironet 1562D, 1562E, 1562I, 1562PS	AIR-PWRINJ-60RGD1=	15	\$345.84	\$5,187.60			
83	Outdoor GNSS Antenna with 15-ft cable Antenna - outdoor - for P/N: IW9167EH-A-AP, IW9167EH-A-URWB, IW9167EH-B-URWB, IW9167EH-E-AP, IW9167EH-Z-AP	ANT-GNSS-OUT-TNC=	15	\$109.89	\$1,648.35			
84	Cisco Aironet 5-GHz 14-dBi Directional Antenna - Antenna - 14 dBi - directional - outdoor, pole mount Antenna - 14 dBi - directional - outdoor, pole mount	AIR-ANT5114P2M-N=	15	\$284.85	\$4,272.75			
85	IW3700 SERIES POLE-MOUNT KIT, 2IN TO 16IN Wireless access point mounting bracket - pole mountable - for Industrial Wireless 3700 Series	AIR-ACCPMK3700-2=	15	\$195.31	\$2,929.65			

86	Cisco Aironet - Antenna - Wi-Fi - 5 dBi - omni-directional - outdoor - for Aironet 1522AG Lightweight Outdoor Mesh Access Point	AIR-ANT2450V-N=	30	\$75.99	\$2,279.70
87	Cisco Aironet 8-dBi Omnidirectional Antenna (AIR-ANT5180V-N) - N-Male - 4900-5850 MHz - 50 ohms Antenna - Wi-Fi - 8 dBi - omni-directional - outdoor - for Aironet 1522AG Lightweight Outdoor Mesh Access Point	AIR-ANT5180V-N=	30	\$123.34	\$3,700.20
88	Cisco Networking Subscription Subscription license	CISCO-NETWORK-SUB	1	\$0.00	\$0.00
89	Cisco Network Product Support	SVS-L0SPT-CN	1	\$0.00	\$0.00
90	Cisco Wireless License Advantage License - for P/N: CISCO-NETWORK-SUB	LIC-CW-A	8	\$821.21	\$6,569.68
91	Cisco Spaces Act for Unified Advantage Licensing Subscription license - hosted - Cisco Unified Licensing	LIC-SPACES-A-ACT	8	\$0.00	\$0.00
92	Cisco Catalyst 9400 Series 20-Port 25GE and 4-Port 10G spare Switch - 20 x 25 Gigabit SFP28 + 4 x 10Gb Ethernet SFP+ - plug-in module	C9400-LC-24XY=	4	\$11,834.88	\$47,339.52
93	Cisco Networking Subscription Subscription license	CISCO-NETWORK-SUB	1	\$0.00	\$0.00
94	Cisco Network Product Support	SVS-L0SPT-CN	1	\$0.00	\$0.00
95	Cisco Wireless License Advantage License - for P/N: CISCO-NETWORK-SUB	LIC-CW-A	80	\$821.21	\$65,696.80
96	Cisco Spaces Act for Unified Advantage Licensing Subscription license - hosted - Cisco Unified Licensing	LIC-SPACES-A-ACT	80	\$0.00	\$0.00
97	Cisco Networking Subscription Subscription license	CISCO-NETWORK-SUB	1	\$0.00	\$0.00
98	Cisco Network Product Support	SVS-L0SPT-CN	1	\$0.00	\$0.00
99	Cisco Wireless License Advantage License - for P/N: CISCO-NETWORK-SUB	LIC-CW-A	10	\$821.21	\$8,212.10
100	Cisco Spaces Act for Unified Advantage Licensing Subscription license - hosted - Cisco Unified Licensing	LIC-SPACES-A-ACT	10	\$0.00	\$0.00
Corner Products					
101	10/100/1000BASE-T TO 1000BASE-S SFP CONVERTER	GVT-2000	18	\$54.75	\$985.50
102	1.25G S/MM/DUP LC 550M MINI GBIC	SFP-3001	18	\$20.20	\$363.60
APC					
103	APC Smart-UPS Ultra SRTL3KRM1UNC UPS (rack-mountable) - AC 120/125 V - 3000 Watt - 3000 VA - USB, Ethernet - output connectors: 6 - 1U	SRTL3KRM1UNC	18	\$4,171.70	\$75,090.60
104	APC Smart-UPS Ultra External battery pack (rack-mountable) - 1 x battery - lithium ion - 18.85 Ah - 1U - for P/N: SRTL2K2RM1UWNC, SRTL3KRM1UC, SRTL5KRM2UJ, SRTL5KRM2UT	SRTL50RMBP1U-LI	54	\$2,177.48	\$117,583.92

*** TIPS CONTRACT 230105 - MUST APPEAR ON THE PO TO PROCESS TO AN ORDER. THANK YOU ***

Subtotal: \$988,723.28
Tax (.0000%): \$0.00
Shipping: \$6,819.00
Misc: \$0.00
Total: \$995,542.28

Customer may purchase the Products listed herein by Customer's Purchase Order (PO) or by signing and returning this Quote to UDT.

By accepting and signing this Quote, issuing a PO for the Product(s), or otherwise accepting the Product(s), Customer agrees that Customer's purchase and use of the Product(s) is governed by the UDT Terms and Conditions for Product Purchases (which can be found at https://udtonline.com/product_terms/) and, if applicable, any Manufacturer's terms (collectively, the T&Cs). Notwithstanding the foregoing, if a separate agreement is expressly written on this Quote, that agreement shall apply in addition to the T&Cs and shall have precedence over the T&Cs. Any additional or different terms in any PO or other documents from Customer are material alterations to the T&C's, are rejected, and will not be binding on UDT. Customer's purchase of any of UDT's services requires a separate written Service Agreement and these T&Cs shall be superseded by the terms in any such Services Agreement.

CUSTOMER HEREBY ACCEPTS TO PURCHASE THE PRODUCTS LISTED IN THIS QUOTE AND AGREES TO BE BOUND TO THE T&Cs.

Client

Name: _____

Title: _____

Signature: _____

Date: _____

This Statement of Work (“SOW”), effective as of 2/18/2025, by and between **United Data Technologies, Inc. (“UDT”)** with its registered office address at 2900 Monarch Lakes Blvd, Ste. 300, Miramar, FL 33027 and **Judson ISD New Elementary School ISD (“Client”)** with its registered office address at 8012 Shin Oak San Antonio, TX 78233-2457 United States (each a “Party” and together the “Parties”).

WORKING WITH UDT

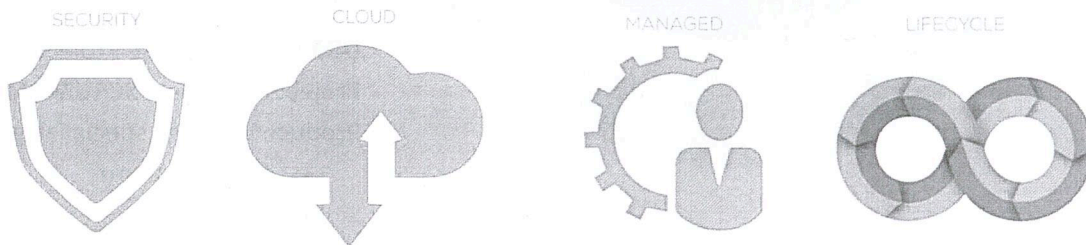
OBJECTIVE

- To document the responsibilities of all parties taking part in the Agreement.
- To define the services to be delivered by UDT and the level of service that can be expected by the Client.
- To ensure that UDT achieves a high quality of service for end users with the full support of the Client.
- To define the commencement of the Agreement, its initial term, and the provision for renewals.

WORKING WITH UDT

UDT is a privately-owned minority business headquartered in Miramar, Florida, with thirteen locations across five states. We focus on delivering advanced technical solutions to small, mid-market, and enterprise Clients. UDT is recognized as an industry-leader in the technology solutions arena.

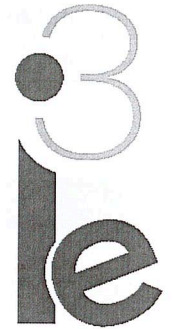
Founded in 1995, UDT quickly established its reputation as the technological resource of choice for its clients. Our organization subscribes to a Total Solutions Approach that includes traditional Consulting, Design, and Engineering Services; as well as a unique approach to Managing Infrastructure, Security, Cloud, and Device Lifecycles for our Clients.



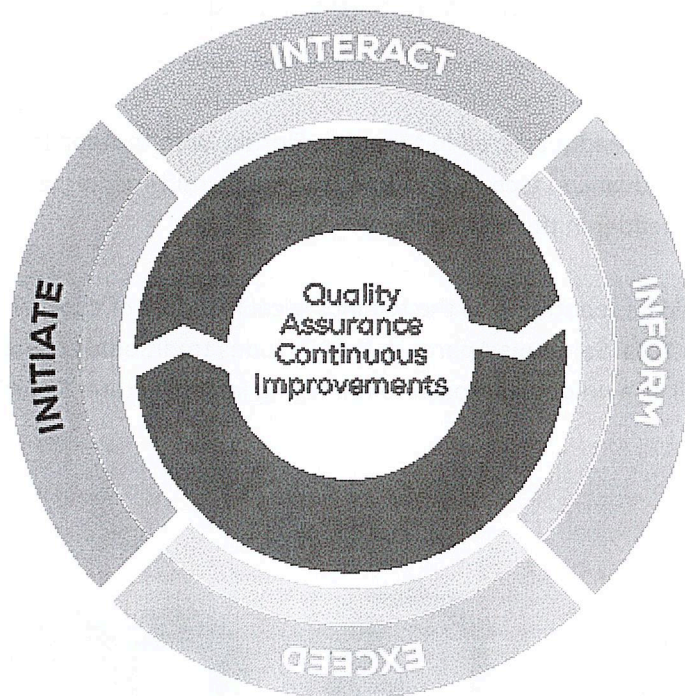
PROJECT MANAGEMENT

UDT follows our proven “i3e project management framework” and focuses efforts on providing an exceptional customer experience.

UDT capabilities run the full gamut, from providing on-demand and remote project management for lighter touch projects; to on-site, full-time project managers for complete lifecycle management. Our project management professionals leverage years of experience and knowhow to bring successful outcomes to our customers.



AGILE FRAMEWORK



AGILE FRAMEWORK

UDT helps customers address complex adaptive problems, achieve high productivity, and ensure quality results using the SCRUM approach.

- SCRUM Kick-Offs
- Sprint Planning
- Managing Product Backlog
- Sprint Backlog
- Daily Stand-Ups / Increments
- Sprint Review
- Sprint Retrospective

CERTIFICATION

UDT staffs in-house Project Coordinators, Project Managers, SCRUM Masters and SCRUM Product Owners - specializing in:

- Infrastructure
- Cloud
- Risk Management
- Advanced Application Development

The team holds the following industry certifications:

- Project Management Professional (PMP)
- Certified Scrum Master (CSM)
- Certified Scrum Product Owner (CSPO)
- ITIL v3



- Six Sigma Green Belt (SSGB)
- Project +

PROJECT OVERVIEW

This SOW is to formally outline the services to be provided by UDT for Judson ISD New Elementary School, encompassing the installation of Cisco Switches, UPS Units, Media Converters, SFPs and Network Modules and antennas. In addition to this, UDT will perform an Ekahau Wireless Site Survey.

PROJECT LOCATIONS

Location	Address
Judson ISD New Elementary School	TBD

PROJECT CONTACTS

	Client Sponsor	UDT Account Manager
Name	Jesse Hernandez	Ethan Wynn
Title	Network Director	Account Executive
Email	jhernandez@Judson ISD New Elementary Schoolnisd.org	EWYNN@UDTONLINE.COM
Address	[PrimaryContactAddress]	2900 Monarch Lakes Blvd. #300 Miramar, FL 33027
Phone	210945567	281.793.3141

TECHNOLOGIES

The following items will be implemented as part of this project:

Qty	Model	Description
18	GXT5LI-3000LVRT2UXLN	Lithium-Ion with network card
108	VEBCLI-48VRT1U	Vertiv Liebert External Battery Cabinet for Liebert GXT5 Lio Ups 48V
18	LevelOne GVT2000	
18	SFP-3001	
28	C9300X-48HX-EDU	Catalyst 9300 48-port mGig UPoE+, NK12
1	C9407R-96U-BDL-EDU	Catalyst 9400 Series 7 slot,1xSup, 2xLC. EDU LIC
36	SFP-10/25G-CSR-S=	Dual Rate 10/25GBASE-CSR SFP Module
8	SFP-10/25G-LR-S=	10/25GBASE-LR SFP28 Module
4	C9400-LC-24XY=	Cisco Catalyst 9400 Series 20-Port 25GE and 4-Port 10G spare
1	C9400-LC-48XS=	Cisco Catalyst 9400 Series 48-Port 10 Gigabit Ethernet(SFP+)
80	CW9176I-CFG	Cisco Wireless 9176I(W7,3 radio,3 band 4x4,UWB),Global
10	CW9176D1-CFG	Cisco Wireless 9176D1(W7,3 radio,3 band 4x4,UWB),Global
15	AIR-PWRINJ-60RGD1=	Power Injector, 60W, outdoor, North America plug
15	ANT-GNSS-OUT-TNC=	Outdoor GNSS Antenna with 15-ft cable
15	AIR-ANT5114P2M-N=	5 GHz 14 dBi Directional Antenna , 2 port , N connectors
15	AIR-ACCPMK3700-2=	IW9167 Series Pole-Mount Kit, 2" to 16"
30	AIR-ANT2450V-N=	2.4 GHz, 5.0 dBi Omni Ant. with N Connect
30	AIR-ANT5180V-N=	4.9 GHz-5.8 GHz, 8.0 dBi Omni with N Connector
15	IW9167EH-B-AP	IW9167, 11ax 6E AP, 8 RF ports, B domain, Wi-Fi mode
16	C9300-NM-8Y=	Catalyst 9300 8 x 10G/25G Network Module SFP+/SFP28
	Subscriptions	
88	LIC-CW-A	Cisco Wireless License - Advantage

PROJECT PHASES

This project will consist of the following phases:

KICKOFF

In order to introduce the appropriate stakeholders from Judson ISD New Elementary School and **UDT**, a project kickoff meeting will be held. The purpose of the kickoff meeting is to formally notify all team members, clients, and stakeholders that the project has begun and make sure everyone has a common understanding of the project goals. The content of this SOW will be reviewed to ensure that there is a clear understanding between **UDT** and Judson ISD New Elementary School as it relates to roles and responsibilities for this project.

UDT Responsibilities:

- Understand Project Prerequisites & Risks.
- Conduct project Kickoff meeting with the Judson ISD New Elementary School project team.
- Clearly Review Defined Roles, Responsibilities, Prerequisites, Risks, and PM Tools.
- Establish Communication Plan.
- Communicate High Level Timeline.

Judson ISD New Elementary School Responsibilities:

- Participate in the project kickoff meeting.
- Provide relevant diagrams and documentation on existing Architecture.

Required Resources:

- **UDT** Project Manager.
- **UDT** Lead Engineer.
- Judson ISD New Elementary School Project Sponsor.
- Judson ISD New Elementary School Project Lead.
- Other Judson ISD New Elementary School Technical Representative(s).

Deliverables:

- Project Plan and Timeline

PLANNING

The purpose of the planning phase is to allow the lead engineer and project manager from **UDT** to fully understand the Judson ISD New Elementary School technical and business requirements for this project. **UDT** will conduct a Design Meeting with Judson ISD New Elementary School IT staff to obtain all the information required to configure, test, and implement the solution. The Design Meeting will also allow Judson ISD New Elementary School IT staff to give their input on the design.

UDT will create a Installation Plan that will detail all aspects of the installation. **UDT** will also create a rollout schedule and detailed runbooks for each cutover. Runbooks will detail, step-by-step, the procedure to be followed during each rollout, the actions to be taken if problems arise, and a risk assessment. These runbooks will be strictly followed, and any deviation will require approval from the **UDT** and Judson ISD New Elementary School Project Managers.

UDT Responsibilities:

- Hold Design Meeting with Judson ISD New Elementary School staff.
- Create Installation Plan.
- Present Installation plan to Judson ISD New Elementary School for approval.
- Create Post-Implementation Test Plan if required.

Judson ISD New Elementary School Responsibilities:

- Sign off on the Design Document and device configurations.
- Participate in project runbook and rollout schedule review.

Required Resources:

- **UDT** lead engineer.
- **UDT** Project Manager.
- Judson ISD New Elementary School project lead.
- Judson ISD New Elementary School technical representative(s).

Deliverables:

- Installation Plan - to be signed by Judson ISD New Elementary School before rollout begins.
- Rollout Schedule.

STAGING

During the staging phase, **UDT** will pre-configure and test the new equipment that has been purchased as part of this project. If there is any Dead-on-Arrival (DOA) equipment or if any equipment fails during the staging period, **UDT** will obtain Return Merchandise Authorization (RMA) for the equipment and secure a replacement from the manufacturer.

UDT Responsibilities:

- Unbox equipment in staging area.
- Conduct burn-in testing.
- RMA any defective equipment.
- Apply device labels and asset tags.
- Research OS revisions for known issues and present options to the Judson ISD New Elementary School.
- Upgrade OS on devices to latest stable version.
- Test functionality.
- Troubleshoot issues.

Judson ISD New Elementary School Responsibilities:

- Inventory prior to **UDT** arrival.
- Provide secure staging area for **UDT** to un-box, pre-configure and test equipment.
- Provide Asset Tags if required.
- Document Asset Tag assignment in appropriate the Judson ISD New Elementary School database.

Required Resources:

- **UDT** lead engineer.
- Judson ISD New Elementary School project lead.
- Judson ISD New Elementary School technical representative(s).

IMPLEMENTATION

During the Implementation phase, **UDT** will move the solution into production. Cutover windows will be scheduled by Judson ISD New Elementary School and **UDT** will provide post-cutover support after each maintenance window to troubleshoot any anomalies. At the end of each window, **UDT** will perform a series of system functionality tests as identified in the Post-cutover Test Plan to determine success. If these system functionality tests fail and cannot be resolved before the maintenance window expires, **UDT** will rollback changes to the last known good state.

UDT Responsibilities:

- Check in with Judson ISD Elementary School onsite contact.
- Rack & Stack 29 Cisco Switches.
- Install 18 Vertiv UPS with network card and setup 108 Vertiv External Battery Cabinet.
- Install 105 Cisco Access Points.
- Install 44 Cisco SFPs and 16 Cisco Network Modules.
- Install 18 Media Converts LevelOne.
- Conduct pre-cutover walkthrough with implementation team.
- Conduct post-cutover testing using Post-Cutover Test Plan.
- Remove any Boxes.
- Cleanup staging area and remove waste materials from location.
- Collect and sign off for the installation.

Judson ISD New Elementary School Responsibilities:

- Handle all internal change control processes and approvals.
- Onsite contact will show UDT where the new networking equipment is, as well as datacenter /rack location for installation.
- Provide UDT with switches configuration.
- Provide UDT with necessary access to the network for discovery & implementation purposes.
- Sign off on a successful test scenario(s) if required.
- Schedule Cutover windows in a timely manner.

Required Resources:

- **UDT** lead engineer.
- Other **UDT** resources required to accommodate deployment schedule.
- Judson ISD New Elementary School project lead.
- Judson ISD New Elementary School technical representative(s).

Deliverables:

- Post cutover test results (to be signed by Judson ISD New Elementary School).

FOLLOW-UP

During the Follow-Up phase, **UDT** will be responsible for providing support, creating the final project documentation, and providing knowledge transfer to Judson ISD New Elementary School. Final project documentation will include everything that was configured during this project and can be used as a reference for operations.

UDT Responsibilities:

- Prepare As-Built Diagram.
- Provide Post-Implementation Cutover Support.
- Provide knowledge transfer of implemented solution.
- Perform Active WLAN Survey of newly deployed utilizing Ekahau Site Survey with Sidekick 2
 - Tuning may be performed as a result with spot check validation to ensure adequate coverage and functionality
 - Any gaps of coverage not able to be remediated by software configuration changes will be escalated to JISD to assess if additional hardware is needed.

Judson ISD New Elementary School Responsibilities:

- Provide office area for on-site engineer to work.
- Provide updated diagram to UDT for import to Ekahau Site Survey Tool.
 - CAD Preferred but to-scale PDFs acceptable.
- Attend knowledge transfer and lessons learned meetings.

Required Resources:

- **UDT** Lead Engineer.
- Other **UDT** resources required to provide on-site support.
- **UDT** Project Manager.

Deliverables:

- As-Built Diagram.
- WLAN Survey Results.

CLOSEOUT

Once all project phases have been completed, the **UDT** project manager will pull together the appropriate resources from Judson ISD New Elementary School and **UDT** to conduct a closeout meeting. The purpose of this meeting is to review the project with Judson ISD New Elementary School. In addition, this will provide Judson ISD New Elementary School the opportunity to raise any open issues that need to be addressed either as part of this SOW, a change order, or as a new SOW.

UDT Responsibilities:

- Conduct Project Closeout meeting.
- Address Any Outstanding Issues/Tasks.
- Conduct Lessons Learned Workshop.
- Obtain Client Acceptance.
- Distribute Customer Satisfaction Survey.
- Close Project Portal and Archive Documents.

Judson ISD New Elementary School Responsibilities:

- Attend Lessons Learned Workshop.
- Attend Closeout Meeting.
- Provide Feedback.

Required Resources:

- **UDT** Project Manager.
- **UDT** Lead Engineer.
- Judson ISD New Elementary School Project Sponsor.
- Judson ISD New Elementary School Project Lead.
- Other the Judson ISD New Elementary School Technical Representative(s).

Deliverables:

- Last milestone sign-off sheet.

CLIENT RESPONSIBILITIES

- Participate in the project kickoff meeting.
- Provide relevant diagrams and documentation on existing Architecture.
- Sign off on the Design Document and device configurations.
- Participate in project runbook and rollout schedule review.
- Provide secure staging area for **UDT** to un-box, pre-configure and test equipment.
- Provide Asset Tags if required.
- Document Asset Tag assignment in appropriate database.
- Identify change windows for deployment.
- Handle all internal change control processes and approvals.
- Sign off on a successful test scenario(s).
- Provide office area for on-site engineer to work.
- Attend knowledge transfer and lessons learned meetings.
- Attend Closeout Meeting.
- Provide Feedback.

OUT OF SCOPE

UDT is responsible only for performing the Services described in this SOW. Services outside the scope of this SOW include but are not limited to:

- Additional required tasks discovered after the execution of this SOW that are not mentioned in this SOW will require a change order.
- Defective equipment provided by Client utilized for this solution that require **UDT** additional hours of troubleshooting will require a change order.
- Additional Hardware not included in the existing order based on specified quantities provided by Judson ISD Elementary School.
- Troubleshooting issues due to Client's configuration changes after milestone signoff will require a change order.

GENERAL ASSUMPTIONS

UDT made the assumptions that follow in the preparation of the cost, resource estimates and schedule reflected in this SOW. Any changes to the assumptions may result in changes to **UDT** pricing and/or Project schedule.

- **UDT** will be provided all required physical access to the Clients' facilities (identification badge, escort, parking decal, etc.) as required by the Client's policies.
- Some of the Services provided may be performed during the night shift and weekends. Client will provide the required access to systems and resources.
- Client is responsible for all transport of equipment from receiving area(s) to the data center(s) and/or equipment rooms where it will be installed.

- Client is responsible for the condition and readiness of the electrical power distribution plant and the correction of any anomalies and/or deficiencies.
- Client is responsible for providing all patch cables (copper and fiber optic) unless specifically indicated in the bill of materials.
- Client is responsible for providing adequate rack space, power, environmental controls, data wiring, engineering/staging workspace and any other access required for completion of this project.
- Some activities on this project may be performed on **UDT's** premises.
- **UDT** may engage subcontractors and third parties in performing a portion of this work.
- **UDT** will not make changes to the configuration of any network equipment after it has been installed and tested.
- Client's technical resources will be made available to the **UDT** project team for planning purposes and to answer questions about the existing environment.
- Client's staff resources will participate in the acceptance and ready for use (RFU) testing associated with this solution and sign off on those tests upon successful completion.
- Client will provide **UDT** admin access on appropriate devices for the success of this project.

PROJECT DELAYS

Any delays caused by site non-readiness that could require return visits and additional time are subject to billing. Examples:

- Power Issues.
- Cabling Delays.
- Personnel Availability.
- Delays in Receiving Required Client Provided Documentation.

PROJECT SCHEDULE

Below is the Project Schedule and high-level timeline.

Milestone	Timeline
Kickoff	1 Day
Installation & Configuration	17 Weeks
Closeout	1 Day

The above Project Schedule is dependent upon Judson ISD New Elementary School carrying out the responsibilities defined in this SOW. Delays to the Project Schedule may require a Change Order.

CHANGE REQUEST PROCESS

If the Parties wish to change or modify an existing Statement of Work, they shall execute a written statement that references the specific Statement of Work by date, purchase order number, or other identifier, and describes the requested changes using the form set forth in Exhibit A (a "Change Order"). No changes to a SOW shall become effective until both Parties have mutually agreed upon and executed the Change Order Form. When charges are necessary to analyze a change, **UDT** will provide a written estimate and begin the analysis on written authorization from Client. The terms of a mutually agreed upon Change Request will prevail over those of this SOW or any previous Change Request Form.

BILLING SCHEDULE AND PAYMENT TERMS

Pricing is effective for the 60 days following 2/18/2025

FIXED PRICE SERVICES

These services will be delivered on a fixed price basis regardless of the actual number of engineers or hours reasonably required to complete the work.

Milestone Name	Price
Installation & Configuration	\$184,290.00
Wireless Site Survey Services	\$15,525.00
Total	\$199,815.00

Billing for these milestones will be incurred monthly on a progress billing schedule as a function of the total number of devices (Switches and Access Points) to be implemented.

SIGNATURES

This SOW may be executed by the Parties in counterparts which together shall constitute one and the same SOW among the Parties. A facsimile and/or electronic signature shall constitute an original signature for all intent and purposes.

THE PARTIES HERETO HAVE CAUSED THIS SOW TO BE EXECUTED BY THEIR RESPECTIVE DULY AUTHORIZED REPRESENTATIVES AS OF THE EFFECTIVE DATE HEREOF.

By signing below, each party acknowledges that it has read and understood the terms of this SOW and agrees to be bound by these terms.

Judson ISD New Elementary Schooln ISD	UNITED DATA TECHNOLOGIES, INC.
Name:	Name:
Title:	Title:
Signature:	Signature:
Date:	Date:

TERMINATION

This Statement of Work "SOW" may be terminated by either Party if the other Party breaches any of its material obligations under this SOW and fails to cure such breach within thirty (30) days after receipt of written notice of such breach. The termination of this Agreement will not affect Client's obligation to make payments as a result of events that occurred prior to termination. To the extent that the Services include the hosting, maintaining or otherwise managing of any Client data where Client does not otherwise have the ability to download a copy of such Client data, UDT shall provide Client with a copy of such Client data within thirty (30) days after the effective date of termination in a standard, electronic format to be mutually agreed upon by the parties. UDT has no obligation to retain, and reserves the right to dispose of, all Client data after such time period.

MANUFACTURER PRODUCT DEFECTS

UDT is neither a manufacturer of hardware nor a publisher of computer software. Because of this, UDT cannot be held responsible for a functionality or performance defects of any products associated with this engagement. Manufacturer warranties, where extended by the manufacturer, for products sold or otherwise provided by or licensed through UDT (or UDT product partners) are set forth in the end user license agreements and manufacturer warranty statements, and such warranties, if any, are solely those of the manufacturer. UDT will take reasonable measures to work, on behalf of the engagement, with vendors to escalate problems and take corrective action, based on the vendor's recommendations. Any delays caused by support calls due to manufacturer defects that will require additional time are subject to billing.

EMPLOYEE NON-SOLICITATION

During the term of the Agreement and for a period of twelve (12) months thereafter, neither Party will solicit for employment any employee or contractor of the other who was directly involved in the provision or receipt of the Services. A general advertisement or a request for employment initiated exclusively by the employee is not considered a solicitation. In the event either Party violates this provision and subsequently retains an employee of the other, the Party in breach will pay to the other, as liquidated damages and not as a penalty, an amount equal to twelve (12) month's base salary at the rate provided to that employee by the Party in breach of this provision.

NOTICES

Legal notices shall be sent via electronic mail and First-Class Mail to the individuals named in the SOW, and copied to:

To UDT:

United Data Technologies, Inc.
2900 Monarch Lakes Blvd. Ste 300, Miramar, FL 33027

To Client:

Judson ISD New Elementary School
8012 Shin Oak San Antonio, TX 78233-2457 United States

Non-legal notices in the ordinary course of business; e.g., notice to postpone a shipment, shall be sent via electronic mail to the Designated Representative of the other Party or to such other designee as may be

set forth herein. Notices shall be effective as of the day sent via email, or if that day is not a Business Day or the first Business Day that follows the day sent.

WARRANTY

UDT warrants that the Services will be performed diligently by qualified personnel and will be of the kind and quality described in the Statement of Work. In performing its obligations, UDT may give advice to Client based on information supplied to UDT by Client or third parties who have expertise or knowledge not held by UDT with regard to Services or products necessary for UDT to complete Services, but not originating or endorsed by UDT. UDT will be entitled to rely on that information without assuming responsibility for decisions made by Client based on that advice. Products provided to Client under a Statement of Work that are neither manufactured nor designed by UDT will carry the warranty provided by the manufacturer, if any, and UDT makes no independent warranty with respect to those Products. UDT specifically disclaims any and all warranties and liability related to any Third Party Technology and Hardware. Client's exclusive remedy for breach of this warranty is the correction of defective Services by UDT. UDT will take reasonable measures to work, on behalf of the engagement, with vendors to escalate problems and take corrective action, based on the vendor's recommendations. Any delays caused by support calls due to manufacturer defects that will require additional time are subject to billing.

SUPPORT AND SECURITY

Unless otherwise expressly provided in this SOW, UDT is not responsible for any information stored or transferred via the Services, for backing up or maintaining copies of any data (including, without limitation, Client data, or for the removal or disposal of any confidential, proprietary, or personal information. Unless otherwise expressly provided in this SOW, UDT is not responsible for managing Client's network environment. UDT shall not attempt to access Client's secure network(s) or other information systems without Client's prior consent, either via its personnel performing Services onsite, or remotely. To the extent reasonably required for the provision of the Services, Client hereby grants UDT the right to use Client Data subject to this SOW.

For the term of this SOW, UDT shall implement and maintain any applicable access security protocols set forth in this SOW. Notwithstanding the foregoing, Client acknowledges that (i) neither those protocols nor any security software guarantees the security of Client's network, (ii) Client is responsible for all other aspects of security, including without limitation, correctly configured security policies, selection of hardware and software (including network security tools), correct installation, configuration, and maintenance of the hardware and software, the interoperability of the various components of Client's network, and a physically and electronically secure operating environment and (iii) Client is responsible for any claims, damages, costs, expenses, losses or the like resulting from the failure or breach of such access security protocols, unless such claims, damages, costs, expenses, losses or the like resulting from the failure or breach of such access security protocols were caused by UDT's gross negligence or intentional misconduct.

LIMITATION OF LIABILITY

TO THE FULLEST EXTENT POSSIBLE UNDER APPLICABLE LAW, NEITHER PARTY (NOR ITS EMPLOYEES, AGENTS, SUPPLIERS OR AFFILIATES) SHALL BE LIABLE TO THE OTHER FOR ANY INDIRECT, SPECIAL, INCIDENTAL, PUNITIVE, OR CONSEQUENTIAL LOSS OR DAMAGE OF ANY KIND, INCLUDING WITHOUT LIMITATION ARISING IN CONNECTION WITH THE STATEMENT OF WORK, HOWEVER CAUSED AND ON ANY

THEORY OF LIABILITY, EVEN IF THE PARTY HAS BEEN ADVISED OR SHOULD BE AWARE OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT WILL UDT (OR ITS EMPLOYEES, AGENTS, SUPPLIERS OR AFFILIATES) BE LIABLE FOR ANY LOST PROFITS, REVENUE, SALES, SAVINGS, OR VALUE AS WELL AS LOSS OF DATA OR INABILITY TO ACCESS DATA.

EXCEPT FOR CLAIMS ARISING FROM A PARTY'S BREACH OF ITS CONFIDENTIALITY OBLIGATIONS OR BREACH OF UDT'S INTELLECTUAL PROPERTY RIGHTS UNDER THIS SOW, EACH PARTY'S ENTIRE LIABILITY ARISING OUT OF OR RELATED TO THIS SOW SHALL BE LIMITED TO THE AMOUNT OF SERVICE FEES PAID OR PAYABLE UNDER THE SOW WHERE THE CLAIM AROSE IN THE SIX (6) MONTH PERIOD PRIOR TO THE DATE OF THE CLAIM. THE PARTIES AGREE TO HOLD EACH OTHER HARMLESS FOR ANY INJURIES TO PERSONS OR PROPERTY CAUSED BY THE INTENTIONAL AND WILLFUL ACTS OR GROSS NEGLIGENCE OF EACH PARTY IN THE PERFORMANCE OF SERVICES IN THIS SOW. NOTHING HEREIN SHALL PREVENT EITHER PARTY FROM OBTAINING INJUNCTIVE RELIEF.

INDEMNIFICATION

Each Party will defend the other, and each of their respective directors, officers, agents, and employees against any unaffiliated third party claim based on that Party's gross negligence or intentional misconduct, and indemnify each of them from the resulting losses, damages, and costs and expenses (including reasonable attorney fees) finally awarded to the third party by a court of competent jurisdiction or pursuant to a settlement agreement. The indemnifying party may settle, at its sole expense, any claim for which it is responsible under this Section. The indemnifying party shall control the defense and/or settlement of any claim covered by this subsection, provided that the indemnified party reserves the right to employ counsel at its own expense and participate in the defense. Client will defend UDT, and each of its respective directors, officers, agents, and employees (collectively, the "UDT Indemnitee"), against any unaffiliated third party claim arising out of, resulting from or otherwise in connection with any security breach of Client's network and any failure or breach of the access security protocols set forth in this SOW, and indemnify the UDT Indemnitee from all resulting damages provided that UDT shall promptly notify Client in writing of the claim, provide Client sole control over the defense and/or settlement of such claim with Client's choice of counsel, and at Client's request and expense, provide full information and reasonable assistance to Client with respect to such claim. Notwithstanding the prior sentence, (a) UDT's failure to give prompt notice of the claim shall not relieve Client of its obligations under this Section except to the extent such failure prejudices Client's defense of the matter and (b) Client shall not be obligated to defend or be liable in any manner under this Section to the extent any such unaffiliated third party claim arises out of UDT's gross negligence or intentional misconduct.

INSURANCE

At all times during the terms of this SOW, UDT shall procure and maintain, at its sole cost and expense, at least the following types and amounts of insurance coverage:

1. Commercial General Liability with limits no less than \$1,000,000 per occurrence and \$2,000,000 in the aggregate including bodily injury and property damage and products and completed operations and advertising liability, which policy will include contractual liability coverage insuring the activities of UDT under this SOW;
2. Worker's Compensation with limits no less than the minimum amount required by applicable law; and
3. Errors and Omissions/Professional Liability with limits no less than \$1,000,000 per

occurrence and \$2,000,000 in the aggregate.

Upon the written request of client, UDT shall provide Client with copies of the certificates of insurance for all insurance coverage required under this Section.

CONFIDENTIALITY

The following information is "Confidential Information": (i) as to both parties, the terms of this SOW, and all information exchanged by the parties during negotiations culminating in this SOW and during the Term of this SOW, any information related to a Party's performance of, or failure to perform, this SOW, and any information that is marked or designated as "Confidential" or with like notice; (ii) as to the Party disclosing the information, any information related to that Party's assets, liabilities, financial results, financing plans, business strategies, product development plans, operations, source code, technology, know-how, trade secrets, clients, vendors, contractors, personnel, and all other information that a reasonable person would understand to be confidential; and (iii) as to Client, data center locations, data center designs (including non-graphic information observed at Client's data center), Client data but excluding in all cases any information which is independently developed by the other Party as shown by such Party's written business records, or information that becomes generally available to the public other than through breach of this SOW, or violation of law or other agreement. Each Party agrees not to disclose the other Party's Confidential Information to any third party except to its agents and representatives who need to know the information to represent or advise it with respect to the subject matter of this SOW and who are bound by written non-disclosure obligations at least as stringent as those stated in this SOW; provided, however, that a Party will not be liable for disclosure of the other Party's Confidential Information if it is required by law or regulation to be disclosed and the disclosing party gives advance written notice of the disclosure to the other Party at the earliest possible time, or the Party discloses the information as part of a bona fide legal proceeding to enforce its rights under this SOW. Each Party agrees to use at least a reasonable degree of care to protect the other Party's Confidential Information. Each Party agrees not to use the other Party's Confidential Information except in connection with the performance of its obligations or exercise of its rights under this SOW. Each Party shall return or destroy the other Party's Confidential Information on completion of the Services, or earlier on request of the other Party, provided that a Party may retain the other Party's Confidential Information in backup medium where return or deletion is not commercially reasonable, or otherwise as required by law. On request of a Party, an officer of the other Party shall certify its compliance with the preceding sentence.

TRADEMARKS AND INTELLECTUAL PROPERTY

Neither Party may use the other Party's name, logo, trade or service marks, or similar indicia (each a "Trademark") without the other Party's prior written consent. Any authorized use shall be subject to the Trademark owner's mark usages guidelines provided to the other or published on its website. All right, title, and interest in the intellectual property (including all copyrights, patents, trademarks, trade secrets, and trade dress) embodied in the Services, Technology and Hardware, as well as the methods by which the Services is performed and the processes that make up the Services, shall belong solely and exclusively to UDT or the applicable suppliers or licensors, and Client shall have no rights whatsoever in any of the above, except as expressly granted in this SOW. The Services are protected pursuant to intellectual property laws and treaties. Client may not modify, remove, delete, augment, add to, publish, transmit, adapt, translate, participate in the transfer or sale of, create derivative works from, or in any way exploit any of the Services, in whole or in part.

OWNERSHIP AND LICENSES

Upon UDT's receipt of payment in full with regard to a particular Deliverable, Client shall own all right, title and interest in and to such Deliverable, including any derivative or modification rights to the Deliverable, excluding any Technology embedded within such Deliverable. A Deliverable is deemed to be a "Work Made for Hire" as set forth in the United States Copyright Act of 1976 or if for any reason held not to be a work made for hire, UDT hereby assigns all of its right, title, and interest in such Deliverable to Client.

To the extent that any UDT Technology is intangible and embedded within any of the Deliverables, UDT hereby grants Client a royalty-free, fully paid-up, worldwide, perpetual, irrevocable, nonexclusive, non-transferable license to use such UDT Technology solely in connection with the Deliverables; provided, however, that the UDT Technology is still subject to any use restrictions specified in this SOW and UDT may revoke any use of the UDT Technology, which is outside the license grant as set forth herein. UDT has the right and title to grant all such licenses necessary for Client to own and/or use the Deliverables as set forth herein.

The UDT Technology is personal property of UDT, and the Third Party Technology is personal property of the Third Party Technology provider. No title, equity, ownership or right (including any license right) in or to the UDT Technology or the Third Party Technology in whole or in part shall pass to Client except as otherwise expressly provided by this SOW. Client agrees that it may not pass any right or interest in the UDT Technology or Third Party Technology to any third party and Client shall ensure it takes all necessary steps to protect UDT's and the applicable Third Party Technology providers' rights under this SOW such that neither the UDT Technology nor the Third Party Technology can be construed as a fixture nor shall it become a fixture on the Premises or any other location.

RELATIONSHIP OF THE PARTIES

Each Party is an independent contractor of the other and nothing in this SOW shall be construed to create an association, trust, partnership, joint venture, or agency relationship between the Parties. Although the Parties may refer to each other colloquially as "partners" they do not intend to create a partnership, and neither Party has any fiduciary duty, obligation, or liability to the other or any obligation to share profits and losses. Neither Party will have any rights, power, or authority to act or create an obligation, express or implied, on behalf of another Party except as expressly specified in this SOW.

ASSIGNMENT

Client may not assign this SOW without UDT's prior written consent, not to be unreasonably withheld. Any attempted assignment in violation of the preceding sentence shall be void. This SOW shall inure to the benefit of the Parties permitted successors and assigns. UDT has the right to assign, subcontract, or delegate in whole or in part this SOW, or any rights, duties, obligations or liabilities under this SOW, by operation of law or otherwise.

NON-WAIVER

The failure to exercise or delay in exercising a right or remedy under this SOW shall not constitute a waiver of the right or remedy or a waiver of any other or subsequent right or remedy. Specifically, but without limitation, Client's payment of fees is not a waiver of any claims for breach of this SOW.

FORCE MAJEURE

UDT will not be liable for any failure of performance hereunder due to causes beyond its reasonable control, including, but not limited to, acts of God, pandemics, epidemics, environmental conditions at

Premises, suppliers, fire, vandalism, cable cut, power outage, Client's third party contractors, non-performance of Third Party Technology providers specified by Client, storm or other similar occurrences; any law, order, regulation, action or request of any government, including state and local governments having jurisdiction over either of the parties, or of any instrumentality thereof, or of any civil or military authority; wars; or strikes or other labor difficulties.

CONTROLLING LAW, VENUE, AND COSTS OF SUITS

With respect to disputes which may arise as a result of this SOW in the US, the laws of the State of Florida (exclusive of its choice of law principles) govern this SOW and the Parties agree to submit to the exclusive jurisdiction of, and venue in, the courts in the State of Florida, Broward County, in any dispute arising out of or relating to this SOW. If any action is brought to enforce this SOW, the prevailing party shall be entitled to collect its reasonable attorney fees and costs of suit. This choice of jurisdiction does not prevent either party from seeking injunctive relief with respect to a violation of intellectual property rights or confidentiality obligations in any appropriate jurisdiction. The U.N. Convention on the International Sale of Goods shall not apply to this SOW.

ENTIRE AGREEMENT

This SOW is the complete and exclusive agreement between the Parties regarding its subject matter and supersedes and replaces any prior or contemporaneous agreement or understanding, written or oral.

► Scope of Work

1 Cisco Networking and Vertiv UPS Deployment

1.1 Overview

Judson ISD has engaged Barcom Technology Solutions (Barcom) to assist with the deployment of Cisco switches, wireless access points, and Vertiv UPS units for an elementary school.

This proposal outlines the solution that will be planned for and identifies the tasks that will take place during the planning engagement and the deliverables to be provided. This proposal also outlines a preliminary scope of work for the implementation of the solution.

1.2 Client Considerations

Judson ISD is currently planning to deploy updated switch infrastructure and WiFi7 APs to improve the technology for the school..

1.3 Project Team

The Barcom project team will consist of four key members:

Account Manager

The Barcom account management team will work with Judson ISD and the Barcom project team to ensure proper communication between parties is adhered to and will be a point of escalation for Judson ISD as necessary. The account management team will work with the Barcom project team to ensure the project is a success.

Project Manager

The Barcom project manager will be the primary point of contact for Judson ISD during this engagement. The PM is responsible for coordinating meetings, helping set the project schedule, ensuring regular project updates are provided, identifying any possible delays, and ensuring project documentation and all deliverables and scope tasks are completed prior to project closure.

Lead Engineer

Barcom's lead engineer will be the primary technical resource involved with the implementation of the network upgrades associated with this project. The engineer assigned will have over 10 years of experience with and extensive knowledge of production Cisco environments with a focus on switching and wireless protocols and has been involved in numerous upgrades.

At this time, Rene Castro-Test will be assigned as the lead engineer for the duration of this project. Rene has over 15 years of experience in IT consulting and has been working with Cisco hardware and software since the early 2010's. Rene specializes in implementing and optimizing Cisco solutions in high usage environments like the campuses the equipment contained in this proposal will be deployed.

► Scope of Work

Secondary Engineer

Barcom's secondary engineer will perform tasks assigned by the lead engineer, as needed, to ensure the project is completed within schedule. These tasks can include uploading software, monitoring upgrade progress, and performing testing and validation. The engineer assigned will have over 5 years of experience with Cisco networking environments and has been involved in numerous sensitive hardware and software upgrades.

2 Planning Phase Scope of Work

2.1 Barcom Responsibilities

2.1.1 Phase I – Project Initiation

- **Project kick-off meeting with the Judson ISD team**
 - Review of the Scope of Work
 - Establish mutual expectations for delivery of this service.
 - Agree on roles and responsibilities.
- **Develop timeline for planning phase**

2.1.2 Phase II – Discovery and Planning

- **General Tasks**
 - Develop deployment plan for installation of networking equipment.
 - Develop testing and verification plan for each deployment.
 - Schedule and conduct Planning Workshops with Judson ISD IT staff.
- **Cisco Catalyst Switches**
 - Review district switch configuration templates for MDF core and access.
 - Identify district preferred code version.
 - Survey MDFs and IDFs.
 - Work with Judson to determine switch rack placement.
 - Develop deployment strategy.
 - Develop testing and verification plan.
- **Cisco Wireless Access Points**
 - Obtain building floor plans (Indoor APs).
 - Obtain campus floor plans (Outdoor Aps).
 - Perform Ekahau survey to determine optimal AP placement.
 - Work with the Judson team for deployment of outdoor access points.
 - Label new wireless access points per Judson ISD standards.
 - Develop deployment strategy.
 - Develop and execute testing and verification plan.
- **Cisco Wireless Controller**
 - Review WLC configurations for planning purposes.

► Scope of Work

- Review district WLANs.
- Review NAC integration.
- Develop deployment strategy.
- Develop testing and verification plan.
- **Vertiv UPS Systems**
- **Network Monitoring Systems and Network Access Control**
 - Work with Judson ISD staff to review the following:
 - Cisco Prime Infrastructure
 - Cisco Catalyst Center
 - Aruba ClearPass
 - SolarWinds
 - Review district standards for configuration/adds of new devices.
 - Develop deployment strategy.
 - Develop testing and verification plan.

2.1.3 Phase III – Planning Phase Closeout

- Create or update existing As-Built documentation describing the deployment of the new networking infrastructure.
 - Cisco Switches
 - Cisco Access Points
 - Vertiv UPS units
- Provide updated Design documents in format preferred by the district.
- Provide finalized deployment plan with schedule, including day 1 & 2 support.
- Conduct meeting to review implementation plan and receive approval to move to implementation phase.

2.2 Judson ISD Responsibilities

2.2.1 Phase I – Project Initiation

- Attend project kickoff meeting.
- Assist in the development of project timelines.

2.2.2 Phase II – Planning and Preparation

- Attend all status meetings and planning workshops.
- Work with Cisco as needed to create a Smart Account or validate licensing is applied to the district's existing Smart Account.
- Discuss providing access to network infrastructure that the district deems necessary.
 - TACACS accounts
 - Catalyst WLC-9800
 - Prime Infrastructure
 - Catalyst Center

► Scope of Work

- Aruba ClearPass
- Assist in development of testing and verification plans.

2.2.3 Phase III – Planning Phase Closeout

- Review documentation.
- Approve implementation plan and approve transition to implementation phase. Any changes to the upgrade plan and scope after approval may require a Project Change Request (PCR).

3 Implementation Phase Preliminary Scope of Work

3.1 Barcom Responsibilities

3.1.1 Phase I – Implementation Phase Initiation

- Conduct a kick-off meeting with Judson ISD team.
- Review the SOW, establish mutual expectations for delivery of this service, and agree on roles and responsibilities.
- Review timeline for implementation including Day 1 & 2 follow-up support.

3.1.2 Phase II – Implementation

- - Work to be done after hours, weekends and weekdays.
 - Inventory all equipment using the customer provided inventory template.
 - Cisco MDF Switch
 - Install Supervisor Engines and line cards.
 - Update equipment to the most recent stable versions and perform burn-in.
 - Enable and configure all industry and manufacture recommended security features.
 - Enable and register all applicable licensing and warranties for equipment
 - Configure and deploy the MDF core.
 - Configure half the power supplies to be plugged into UPS units, the other half to be plugged into building power.
 - Use interface descriptions to identify access points, security devices and the room locations for those devices.
 - If the District has specific cables used for specific equipment, match those cables with the equipment.
 - Cisco Access Switches
 - Update equipment to the most recent stable versions and perform burn-in.
 - Enable and configure all industry and manufacture recommended security features.
 - Enable and register all applicable licensing and warranties for equipment.
 - Build the switch stacks (no more than 5 per stack).
 - Configure, patch and dress the new telecommunication room networks on the site core.

▶ Scope of Work

- Configure half the power supplies to be plugged into UPS units, the other half to be plugged into building power.
- Install switch and power stacking cables, copper, fiber patch cables.
- The two fiber cards in each of the switch stacks are redundant. For each switch stack (1) data and (1) security interface is configured per fiber card with use for 10/25G SFPs. Fiber modules go in the first and last switch in each stack.
- Use interface descriptions to identify access points, security devices and the room locations for those devices.
- If the District has specific cables used for specific equipment, match those cables with the equipment
- Configure assigned data, phone and security network to be configured in the equipment
- Cisco Wireless
 - Configure and install access points for Wi-Fi 7 and for optimal coverage as well as backward compatibility.
 - Configure, install and aim all directional access points, arms, mounts and any other accompanying antennas for optimal coverage in the desired spaces.
 - Use Ekahau to produce heat maps of both inside and outside the campus and to verify maximum coverage is achieved and channel distributions.
 - Install Oberon mounts and covers as needed/required
 - Install inline surge protectors for the outdoor access points
 - Configure, label and fill in the descriptions of the access points in the two District wireless controllers.
- Network Monitoring and Network Access Control
 - Add switches and core to Cisco Prime, Aruba Clear Pass, Cisco DNA
 - Add site, telecommunications rooms, switches, site map to SolarWinds, add site to grouping and set up monitoring
 - Use approved naming and identifications for items being added to Cisco Prime, Aruba Clear Pass, Cisco DNA and SolarWinds
- Labelling and Cable Dressing
 - Label both ends of all copper, fiber, and power cables according to JISD labeling standards
 - Cable labels will be self-laminating and will completely encircle the cable being labeled and the label will overlap to properly self-laminate.
 - Use labels similar or equal to Brady BM-31-427. Similar or equal to includes the temperature ratings.
 - Label all switches, UPS units, media converters and access points according to JISD labeling standards.
 - Labels must be machine printed labels.
 - All labels must be rated for high heat environments: 200F+
 - All labels must be visible while the equipment is racked/mounted
 - Dress all fiber, copper, stacking and power cables with Velcro
 - Ground all mounted equipment with contractor provided grounding materials
- Clean-Up
- Contractors are required to clean the work areas of any debris produced as a result of the work performed at the end of each day.
- Any trash must be collected and disposed of in the garbage dumpsters outside the school (provided GC approves use of construction dumpsters) or taken with the contractor.
- No trash may be left in the campus for the custodians to take out.
- No trash may be left outside of the garbage dumpsters.
- Support Details
 - Once the campus opens to staff, provide day two support allotment.

► Scope of Work

- Once the campus opens to staff and students (start of the school year), provide day one and day two support allotments.

3.1.3 Phase III – Project Closeout

- Provide copies of final configurations and network diagrams
- Provide a detailed Ekahau final report
- Provide the Ekahau esx project files
- Provide workmanship warranty
- Provide equipment warranty
- Provide equipment inventory

3.2 Judson ISD Responsibilities

3.2.1 Phase I – Implementation Phase Initiation

- Attend project kickoff meeting
- Assist in development of project timelines

3.2.2 Phase II – Implementation

- Attend all status meetings
- Notify user community of planned downtime / outage windows
- Provide access to network infrastructure that the district deems necessary.
 - TACACS accounts
 - Catalyst WLC-9800
 - Prime Infrastructure
 - Catalyst Center
 - Aruba ClearPass
- Assist in testing and verification plan execution

3.2.3 Phase III – Project Closeout

- - Attend Knowledge Transfer session
 - Sign Project Closeout document

4 Assumptions

- **All the equipment will delivered to our District Warehouse. Barcom will need to transport the equipment from the District Warehouse to the new school for installation.**
- **Customer cannot guarantee an office area for the on-site engineer, but will be able to have a place for the**

▷ Scope of Work

engineer to work.

- **The District will not authorize payments to invoices until everything being invoiced has been received by the District, no matter when the invoice is dated.**
- Unless previously agreed upon all activities during the Planning Phase will be performed during business hours: Monday through Friday, 8:00AM to 5:00PM. All activities requiring after-hours work in the Implementation Phase will be identified during the Planning Phase and will be incorporated into the schedule. All remaining activities will be performed during normal business hours: *Monday through Friday, 8:00AM to 5:00PM.*
- All tasks performed by Barcom Lead Engineer are expected to **be onsite at the District Warehouse or at the school.** Tasks performed by Barcom Secondary engineer and Project Manager may be completed remotely.
- Project is anticipated to take approximately **four weeks** (planning, implementation, day 1 and day 2 support, documentation, and knowledge transfer).
- Project is anticipated to be completed in one consecutive time frame.
- Any changes to the design, equipment list or proposed timeline presented to the Customer in this SOW will require a change order or Project Change Request (PCR). A change order could impact the cost of the project
- All Cisco and Vertiv devices (hardware and software) are currently covered by a support contract for hardware replacement or technical support by manufacturer.
- Performance of scope items not included in this Statement of Work are outside the scope of this project and may result in a change of project approach, staffing and/or pricing.

Payment Terms - Net 30

C9300

Item #	Manufacturer Part Number	Product Details	Price	Qty	Ext. Price
2	C9300X-48HX-EDU	C9300X-48HX-EDU Catalyst 9300 48-port mGig UPoE+, NK12	\$6,194.00	28	\$173,432.00
3	CON-L1NBD-C99300X4	CON-L1NBD-C99300X4 CX LEVEL 1 8X5XNBD Catalyst 9300 48-port mGig UPoE+, NK12	\$4,073.66	28	\$114,062.48
4	C9300-DNA-E-48	C9300-DNA-E-48 C9300 DNA Essentials 48-Port Term Licenses	\$0.00	28	\$0.00



C9300

Item #	Manufacturer Part Number	Product Details	Price	Qty	Ext. Price
5	CON-L1SWT-C93E48	CON-L1SWT-C93E48 CX LEVEL 1 SW SUB C9300 DNA Essentials	\$205.08	28	\$5,742.24
6	C9300-DNA-E-48-5Y	C9300-DNA-E-48-5Y C9300 DNA Essentials, 48-Port, 5 Year Te	\$775.81	28	\$21,722.68
7	C9300-NW-E-48	C9300-NW-E-48 C9300 Network Essentials 48-port license	\$0.00	28	\$0.00
8	SC9300UK9-1712	SC9300UK9-1712 CAT9300/9400/9500/9600 UNIVERSAL	\$0.00	28	\$0.00
9	PWR-C1-1900WAC-UP	PWR-C1-1900WAC-UP Upgrade option 1900W AC 80+ platinum Con	\$290.41	28	\$8,131.48
10	PWR-C1-1900WAC-P/2	PWR-C1-1900WAC-P/2 1900W AC 80+ platinum Config 1 Secondary	\$1,078.67	28	\$30,202.76
11	C9K-CAB-US520PC21	C9K-CAB-US520PC21 1500W Power Cord for AC 1900W Power Supply for Cat9K (US)	\$0.00	56	\$0.00
12	SSD-240G	SSD-240G Cisco pluggable USB3.0 SSD storage	\$622.31	28	\$17,424.68
13	STACK-T1-50CM	STACK-T1-50CM 50CM Type 1 Stacking Cable	\$41.49	28	\$1,161.72
14	CAB-SPWR-30CM	CAB-SPWR-30CM Catalyst Stack Power Cable 30 CM	\$39.42	28	\$1,103.76
15	C9300X-NM-BLANK	C9300X-NM-BLANK Catalyst 9300 Network Module Blank Module	\$0.00	28	\$0.00
16	C9K-ACC-RBFT	C9K-ACC-RBFT RUBBER FEET FOR TABLE TOP SETUP 9200 and 9300	\$0.00	28	\$0.00
17	C9K-ACC-SCR-4	C9K-ACC-SCR-4 12-24 and 10-32 SCREWS FOR RACK INSTALLATION QTY 4	\$0.00	28	\$0.00



C9300

Item #	Manufacturer Part Number	Product Details	Price	Qty	Ext. Price
18	CAB-GUIDE-1RU	CAB-GUIDE-1RU 1RU CABLE MANAGEMENT GUIDES 9200 and 9300	\$0.00	28	\$0.00
19	C9300X-NM-NONE	C9300X-NM-NONE Catalyst 9300 No-Network Module Selection	\$0.00	28	\$0.00
20	NETWORK-PNP-LIC	NETWORK-PNP-LIC Network Plug-n-Play License for zero-touch device deployment	\$0.00	28	\$0.00
21	CAB-SPWR-150CM=	CAB-SPWR-150CM= Catalyst 3750X Stack Power Cab150 CM Spa	\$93.85	4	\$375.40
22	STACK-T1-1M=	STACK-T1-1M= 1M Type 1 Stacking Cable	\$105.38	1	\$105.38
23	SFP-10/25G-LR-S=	SFP-10/25G-LR-S= 10/25GBASE-LR SFP28 Module	\$972.99	8	\$7,783.92
24	SFP-10/25G-CSR-S=	SFP-10/25G-CSR-S= Dual Rate 10/25GBASE-CSR SFP Module	\$454.28	36	\$16,354.08
25	C9300X-NM-8Y=	C9300X-NM-8Y= Catalyst 9300 8 x 10G/25G Network Module	\$1,057.93	16	\$16,926.88

Subtotal: **\$414,529.46**

C9400

Item #	Manufacturer Part Number	Product Details	Price	Qty	Ext. Price
26	C9407R-96U-BDL-EDU	C9407R-96U-BDL-EDU Catalyst 9400 Series 7 slot, Sup, 2xC94	\$6,803.91	1	\$6,803.91
27	CON-L1NBD-C9407R9U	CON-L1NBD-C9407R9U CX LEVEL 1 8X5XNBD Catalyst 9400 Series 7 slot, Sup, 2xC9400	\$5,934.93	1	\$5,934.93



C9400

Item #	Manufacturer Part Number	Product Details	Price	Qty	Ext. Price
28	C9400-DNA-A	C9400-DNA-A Cisco Catalyst 9400 DNA Advantage Term License	\$0.00	1	\$0.00
29	CON-L1SWT-C94A	CON-L1SWT-C94A CX LEVEL 1 SW SUB Cisco Catalyst 9400	\$2,349.11	1	\$2,349.11
30	C9400-DNA-A-5Y	C9400-DNA-A-5Y Cisco catalyst 9400 DNA Advantage 5 YR L	\$8,886.56	1	\$8,886.56
31	D-DNAS-EXT-S-T	D-DNAS-EXT-S-T Cisco DNA Spaces Extend Term License for Catalyst Switches	\$0.00	1	\$0.00
32	D-DNAS-EXT-S-5Y	D-DNAS-EXT-S-5Y Cisco DNA Spaces Extend for Catalyst Switching - 5Year	\$0.00	1	\$0.00
33	TE-EMBEDDED-T	TE-EMBEDDED-T Cisco ThousandEyes Enterprise Agent IBN Embedded	\$0.00	1	\$0.00
34	TE-EMBEDDED-T-5Y	TE-EMBEDDED-T-5Y ThousandEyes - Enterprise Agents	\$0.00	1	\$0.00
35	C9400-NW-A	C9400-NW-A Cisco Catalyst 9400 Network Advantage License	\$0.00	2	\$0.00
36	C9400-S-BLANK	C9400-S-BLANK Cisco Catalyst 9400 Series Slot Blank Cover	\$0.00	3	\$0.00
37	TE-C9K-SW	TE-C9K-SW TE agent for IOSXE on C9K	\$0.00	1	\$0.00
38	C9400-QSFP-CVR	C9400-QSFP-CVR Cisco Catalyst 9400 Series Power Supply Blank Cover	\$0.00	8	\$0.00
39	S9400UK9-1712	S9400UK9-1712 CAT9300/9400/9500/9600 UNIVERSAL	\$0.00	1	\$0.00
40	C9400-PWR-3200AC	C9400-PWR-3200AC Cisco Catalyst 9400 Series 3200W AC Powe	\$846.34	8	\$6,770.72



C9400

Item #	Manufacturer Part Number	Product Details	Price	Qty	Ext. Price
41	CAB-US520-C19-US	CAB-US520-C19-US NEMA 5-20 to IEC-C19 14ft US	\$0.00	8	\$0.00
42	CAB-CON-C9K-RJ45	CAB-CON-C9K-RJ45 Console Cable 6ft with RJ-45-to-RJ-45	\$0.00	1	\$0.00
43	CAB-GUIDE-7R	CAB-GUIDE-7R 7-SLOT CHASSIS CABLE MANAGEMENT GUIDES for 9400	\$0.00	1	\$0.00
44	C9K-ACC-ADP-DB9	C9K-ACC-ADP-DB9 ADAPTER FOR DB9F TO RJ45 for 9400	\$0.00	1	\$0.00
45	C9K-ACC-SCR-12	C9K-ACC-SCR-12 12-24 and 10-32 SCREWS FOR RACK INSTALLATION QTY 12	\$0.00	1	\$0.00
46	C9400X-SUP-2XL/2	C9400X-SUP-2XL/2 Cisco Catalyst 9400 Series Red Super 2XL	\$10,177.95	1	\$10,177.95
47	C9400-SSD-480GB	C9400-SSD-480GB Cisco Catalyst 9400 Series 480GB M2 SATA	\$1,481.09	1	\$1,481.09
48	C9400X-SUP-2XL-B	C9400X-SUP-2XL-B Cisco Catalyst 9400 Series Supervisor-2X	\$4,234.02	1	\$4,234.02
49	C9400X-SUP-2XL	C9400X-SUP-2XL Cisco Catalyst 9400 Series Supervisor 2X	\$0.00	1	\$0.00
50	C9400-SSD-480GB	C9400-SSD-480GB Cisco Catalyst 9400 Series 480GB M2 SATA	\$1,481.09	1	\$1,481.09
51	C9400-LC-48P-B	C9400-LC-48P-B Cisco Catalyst 9400 Series 2xC9400-LC-48P for Bundle Select	\$0.00	1	\$0.00
52	C9400-LC-48P	C9400-LC-48P Cisco Catalyst 9400 Series 48-Port POE+	\$0.00	1	\$0.00
53	C9400-LC-48P	C9400-LC-48P Cisco Catalyst 9400 Series 48-Port POE+	\$0.00	1	\$0.00
54	NETWORK-PNP-LIC	NETWORK-PNP-LIC Network Plug-n-Play License for zero-touch device deployment	\$0.00	1	\$0.00



C9400

Item #	Manufacturer Part Number	Product Details	Price	Qty	Ext. Price
55	SFP-10/25G-CSR-S=	SFP-10/25G-CSR-S= Dual Rate 10/25GBASE-CSR SFP Module	\$454.28	36	\$16,354.08
56	SFP-10/25G-LR-S=	SFP-10/25G-LR-S= 10/25GBASE-LR SFP28 Module	\$972.99	8	\$7,783.92
57	C9400-LC-24XY=	C9400-LC-24XY= Cisco Catalyst 9400 Series 20-Port 25GE	\$12,336.90	4	\$49,347.60
58	C9400-LC-48XS=	C9400-LC-48XS= Cisco Catalyst 9400 Series 48-Port 10 Gi	\$16,214.21	1	\$16,214.21

Subtotal: **\$137,819.19**

Wireless

Item #	Manufacturer Part Number	Product Details	Price	Qty	Ext. Price
59	CW9176I-CFG	CW9176I-CFG Cisco Wireless 9176I(W7,3 radio,3 band 4	\$879.45	80	\$70,356.00
60	CON-ROB-CW9176IC	CON-ROB-CW9176IC RMA UPGRADE 8X5XNBD Cisco Wireless 9176I	\$78.50	80	\$6,280.00
61	AIR-AP-BRACKET-2	AIR-AP-BRACKET-2 802.11 AP Universal Mounting Bracket	\$0.00	80	\$0.00
62	AIR-AP-T-RAIL-R	AIR-AP-T-RAIL-R Ceiling Grid Clip for Aironet APs - Recessed Mount (Default)	\$0.00	80	\$0.00
63	CW9176I-SINGLE	CW9176I-SINGLE SINGLE PACK OPTION	\$0.00	80	\$0.00
64	CW9176D1-CFG	CW9176D1-CFG Cisco Wireless 9176D1(W7,3 radio,3 band 1-CFG	\$985.19	10	\$9,851.90
65	CON-ROB-CW9176D1	CON-ROB-CW9176D1 RMA UPGRADE 8X5XNBD Cisco Wireless 9176D 1	\$261.01	10	\$2,610.10



Wireless

Item #	Manufacturer Part Number	Product Details	Price	Qty	Ext. Price
66	AIR-AP-BRACKET-2	AIR-AP- 802.11 AP Universal Mounting Bracket BRACKET-2	\$0.00	10	\$0.00
67	AIR-AP-T-RAIL-R	AIR-AP-T- Ceiling Grid Clip for Aironet APs - Recessed Mount RAIL-R (Default)	\$0.00	10	\$0.00
68	CW9176D1-SINGLE	CW9176D SINGLE PACK OPTION 1-SINGLE	\$0.00	10	\$0.00
69	CW-MNT-ART2-00	CW-MNT- Articulating AP Arm ART2-00	\$70.50	10	\$705.00
70	IW9167EH-B-AP	IW9167EH IW9167, 11ax 6E AP, 8 RF ports, B domain -B-AP	\$1,214.30	15	\$18,214.50
71	CON-SNT-IW9R67EH	CON-SNT- 1 YR 8X5XNBD IW9167EH-B-AP IW9R67EH	\$428.10	15	\$6,421.50
72	IW-DNA-A	IW-DNA-A Cisco DNA Advantage for Industrial Wireless	\$0.00	15	\$0.00
73	IW-DNA-A-5	IW-DNA-A- Industrial Wireless Cisco DNA Adv 5Y LIC 5	\$383.76	15	\$5,756.40
74	AIR-DNA-A-T	AIR-DNA-A Aironet AP License Term Licenses -T	\$0.00	15	\$0.00
75	AIR-DNA-A-T-5Y	AIR-DNA-A Aironet CISCO DNA Advantage 5 Year Term License -T-5Y	\$0.00	15	\$0.00
76	D-DNAS-EXT-BUN-T	D-DNAS- Cisco DNA Spaces Extend Term License for Cisco EXT-BUN-T DNA	\$0.00	15	\$0.00
77	D-DNAS-EXT-BUN-5Y	D-DNAS- Cisco DNA Spaces Extend for Cisco DNA - 5Year EXT-BUN-5Y	\$0.00	15	\$0.00
78	SWIW9167-CAPWAP-K9	SWIW916 CAPWAP software for IW9167 7-CAPWAP -K9	\$0.00	15	\$0.00
79	IW-AP-LOCAL	IW-AP- IW AP local mode deployment For Tracking Only LOCAL	\$0.00	15	\$0.00



Wireless

Item #	Manufacturer Part Number	Product Details	Price	Qty	Ext. Price
80	IOT-ENTERPRISE	IOT-ENTERPRISE IoT for Extended Enterprise Solutions. For Tracking Only.	\$0.00	15	\$0.00
81	IOT-ENT-OTHER	IOT-ENT-OTHER Not related to IoT Enterprise Solutions. For Tracking Only.	\$0.00	15	\$0.00
82	AIR-DNA-NWSTACK-A	AIR-DNA-NWSTACK-A AIR CISCO DNA Perpetual Network Stack	\$0.00	15	\$0.00
83	NETWORK-PNP-LIC	NETWORK-PNP-LIC Network Plug-n-Play License for zero-touch device deployment	\$0.00	15	\$0.00
84	AIR-PWRINJ-60RGD1=	AIR-PWRINJ-60RGD1= Power Injector, 60W, outdoor, North Amer	\$360.52	15	\$5,407.80
85	ANT-GNSS-OUT-TNC=	ANT-GNSS-OUT-TNC= Outdoor GNSS Antenna with 15-ft cable	\$114.56	15	\$1,718.40
86	AIR-ANT5114P2M-N=	AIR-ANT5114P2M-N= 5 GHz 14 dBi Directional Antenna, 2 port	\$296.93	15	\$4,453.95
87	AIR-ACCPMK3700-2=	AIR-ACCPMK3700-2= IW3700 Series Pole-Mount Kit, 2" to 16"	\$203.59	15	\$3,053.85
88	AIR-ANT2450V-N=	AIR-ANT2450V-N= ANTENNA,2.4 GHz, 5.0 dBi OmniW/N CONNECT	\$79.22	30	\$2,376.60
89	AIR-ANT5180V-N=	AIR-ANT5180V-N= 4.9 GHz-5.8 GHz, 8.0 dBi Omniwith N Conn	\$128.58	30	\$3,857.40
90	CISCO-NETWORK-SUB	CISCO-NETWORK-SUB Cisco Networking Subscription	\$0.00	1	\$0.00
91	SVS-LOSPT-CN	SVS-LOSPT-CN Cisco Network Product Support	\$0.00	1	\$0.00



Wireless

Item #	Manufacturer Part Number	Product Details	Price	Qty	Ext. Price
92	LIC-CW-A	LIC-CW-A Cisco Wireless Advantage - License - 1 License	\$14.06	80	\$1,124.80
93	LIC-SPACES-A-ACT	LIC-SPACES Cisco Spaces Act for Unified Advantage Licensing -A-ACT	\$0.00	80	\$0.00
94	LIC-CW-A	LIC-CW-A Cisco Wireless Advantage - License - 1 License	\$14.06	10	\$140.60
95	LIC-SPACES-A-ACT	LIC-SPACES Cisco Spaces Act for Unified Advantage Licensing -A-ACT	\$0.00	10	\$0.00

Subtotal: **\$142,328.80**

Vertiv UPS

Item #	Manufacturer Part Number	Product Details	Price	Qty	Ext. Price
96	GXT5LI-3000LVRT2UXLN	GXT5LI-3000LVRT2UXLN Vertiv Liebert GXT5 Lithium-Ion N Online UPS 3000VA/2700W 120V Tower/Rack UPS - RDU101 Network Card Included Single-phase UPS 0.9 Output Power Factor Lowest TCO full-color LCD Interface 5-Year Warranty with (1) NEMA L5-30R & (6) NEMA 5-15/20R O	\$4,873.68	26	\$126,715.68
97	VEBCLI-48VRT1U	VEBCLI-48VRT1U Vertiv Liebert External Battery Cabinet for Liebert GXT5 LIO UPS 48V - Rack/Tower with Lithium-Ion Batteries for extend backup time easy to install compact 1U size	\$1,773.68	156	\$276,694.08
98	(GVT-2000)	(GVT-2000) LevelOne Fiber Media Converter	\$97.00	18	\$1,746.00
99	SFP-3001	SFP-3001	\$61.29	18	\$1,103.22

Subtotal: **\$406,258.98**



Services

Item #	Manufacturer Part Number	Product Details	Price	Qty	Ext. Price
100	-Labor (Fixed Fee)	-Labor Professional Services (Fixed Fee) Fixed Fee Labor	\$29,837.50	1	\$29,837.50

Subtotal: **\$29,837.50**



Judson ISD - ES Network Equipment 20250217126821-E0 (DIR-CPO-5347)



Prepared by:
Barcom Enterprises

Prepared for:
Judson Independent School District
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Quote Information:
Quote #: 016541
Version: 1
Contract #: DIR-CPO-5347
Delivery Date: 03/04/2025
Expiration Date: 04/30/2025

Quote Summary

Description	Amount
C9300	\$414,529.46
C9400	\$137,819.19
Wireless	\$142,328.80
Vertiv UPS	\$406,258.98
Services	\$29,837.50

Total: **\$1,130,773.93**

Due upon delivery, Applicable tax and shipping is not included in the prices above.