



TIPS CONTRACT 250106



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**Calallen ISD - Middle School Intercommunications Upgrade (Head End Replacement)**

Component	Product	Description	Qty	Unit List	Discounted	Extended Price:
				Price	Unit-Price:	
<b>Head End Equipment:</b>						
	VEIP6K-1	Valcom IP6000 Advanced Software / Hardware Package	1	28,823.00	20,752.56	20,752.56
	VE8014BR	Valcom Quad Network Station (FXS) Port (Rack Mnt)	1	1,428.00	1,028.16	1,028.16
	VE8024AR	Valcom Quad Network Trunk (FXO) Port (Rack Mnt)	1	1,382.00	995.04	995.04
	VE8004BR	Valcom SIP Compliant Quad Network Audio Port (Rack Mnt)	1	1,278.00	920.16	920.16
	VE1225S-V3	Valcom 12 Port 25-Volt / 45ohm Talkback Gateway	13	7,639.00	5,500.08	71,501.04
	VP-6124	Valcom 6 Amp Switching Power Supply, -24Vdc	2	251.75	226.58	453.15
	VETSS	Valcom Technical Support Services (Technical - remote)	4	462.00	415.80	1,663.20
	VE8092	Valcom IP Interactive Console	6	5,729.00	4,124.88	24,749.28
	C9200L-24P-4G-EDU	Catalyst 9200L 24-port PoE+ only, 4x1G uplinks, K12	1	3,561.88	2,279.60	2,279.60
	C9200L-DNA-E-24-3Y	C9200L Cisco DNA Essentials, 24-port, 3 Year Term license	1	721.59	447.38	447.38
	CAB-TA-NA	North America AC Type A Power Cable	1	-	-	-
	5PX2000RTG2	Eaton 5PX G2 UPS, 2U, 1950 W, Outputs: (1) L5-20R, (6) 5-20R, 120V	1	2,348.85	1,914.31	1,914.31
	5PXEBM72RTG2	Eaton 5PX G2 extended battery module (EBM), 2U	2	1,293.60	1,054.28	2,108.56
	PDU1226	Eaton basic PDU, 1U, NEMA 5-20P input, 120V, (13) 5-20R	2	261.00	159.20	318.40

**Outdoor Adventure Classroom IDF Equipment:**

	VE1225S-V3	Valcom 12 Port 25-Volt / 45ohm Talkback Gateway	1	7,639.00	5,500.08	5,500.08
	SMART750RM1U	Eaton SmartPro 120V 600W Line-Interactive UPS, 1U, (6) 5-15R	1	1,130.48	666.98	666.98

**Services:**

COMSOL PROF SERV	Implementation Services for Cisco Switch and Eaton UPS	1	2,104.00
COMSOL CAB SERV	Implementation Services for Bogen to Valcom IP6000 Head End Replacement and Configuration. (Partnered with Envision Network Solutions)	1	22,760.85

**Intercom Replacement:**

- Provide labor to remove and dispose of existing Bogen paging system and cabinet.
- Provide labor and material to install (1) Valcom IP6000 paging server unit, cabling and hardware as outlined in RFP section 1.11.
- Provide labor and material to install (2) Eaton Smart UPS battery backup units.
- Provide labor and material to install (6) Valcom VE8092 Talkback stations.
- Provide labor and material to install the following Valcom VOIP SIP hardware:
  - (1) VE8014BR
  - (1) VE8024AR
  - (1) VE8004AR
- Provide labor and material to install (1) 24RU locking data cabinet.

**Horizontal Cabling:**

- Provide labor and furnish materials install, test, and terminate (6) CAT6 data cables for talkback stations in the Calallen Middle School Building per provided plan. CAT6 cabling will terminate in a Leviton 1-port surface mount box at the work location and in a new Leviton 24 port patch panel in the MDF/IDF location.
- Provide labor and material to install, terminate, and test (2) Cat6 data cables for IP6000 network connectivity.

**Assumptions / Clarifications:**

- Existing cabling, speakers, call switches to be reused are in good working order.
- Calallen IT staff will provide required VLAN configuration for any existing network components.
- Access will be provided as needed for a minimum of 8 hours per day.
- Work will be completed in a continuous manner.

**Quotation Total: \$ 160,162.75**

**Schedule of Unit Cost For Post Cut-Over Additions:**

Installed Cost of 100' of analog intercom cabling to match existing:	1	268.00	268.00
Cost to replace existing drop-in 25V speaker to match:	1	290.00	290.00
Cost to replace existing wall-mounted 25V speaker to match:	1	290.00	290.00
Cost to replace existing exterior 25V speaker to match:	1	325.00	325.00
Cost to replace existing Bogen call-in switch with new Valcom Call-in switch:	1	178.00	178.00