



Meeting Packet

Steilacoom Historical School District No. 1 Special Board Meeting 1.11.13

January 11, 2013

6:30 PM



Steilacoom Historical School District No. 1 Special Board Meeting 1.11.13

SHSD Professional Development Center 511 Chamber Street Steilacoom, WA 98388

Friday, January 11, 2013 6:30 PM

I. CALL TO ORDER

- A. Pledge of Allegiance
- B. Roll Call
- C. Approval of Agenda

II. COMMENTS FROM THE AUDIENCE

Members of the audience wishing to comment on specific items on this agenda will be allowed to comment briefly during the Comments From the Audience portion of the agenda. Those wishing to speak will please sign the Speaker List in order to be recognized by the Board. **Please limit your comments to three (3) minutes.** The Board will not entertain comments during any other part of the meeting. Remarks of a negative nature singling out specific employees, other than the Board or Superintendent, will be heard in executive session following the business meeting. The Board reserves the right to terminate presentations containing personal attacks on individuals.

III. AUTHORITY TO PURCHASE WIRELESS INSTALLATION FOR MULTIPLE SCHOOL SITES (Vote)

Presenter: Bill Fritz

- Authority to Purchase Wireless Installation.pdf (p. 3)

IV. ADJOURNMENT

Regularly scheduled meetings of the Board of Directors of the Steilacoom Historical School District are digitally recorded.

Steilacoom Historical School District Board of Directors

SPECIAL SCHOOL BOARD MEETING

Date: January 11, 2013

TO: Members, Steilacoom Historical School District Board of Directors

ISSUE: x **ACTION** Purchase Authority Request-Wireless Technology
 INFORMATION _____

BACKGROUND INFORMATION:

Per Board policy 6210, board approval is necessary for the purchase of capital outlay items when the aggregate total of a requisition exceeds \$50,000.

Technology staff has been working on providing wireless access and mobile laptops at district sites, starting with Saltar's Point Elementary and has a need to ask for an authority to cover expenditures.

Utilization of the State bid contracts for technology equipment and services is being accessed to assure the district is meeting the bidding requirements & processes.

Approval of this authorization request will enable installation of wireless systems at Saltar's Point Elementary (entire school) and access points for Steilacoom High, Cherrydale Primary and Chloe Clark Elementary.

Executive Director of Finance & Operations along with the Superintendent and Technology Network Manager request authorization to proceed with the purchase of necessary equipment and services in the amount not to exceed \$110,000 as presented.

FISCAL IMPLICATIONS:

Expenditures of up to \$110,000 (taxes included)

RECOMMENDED DECISION:

It is the recommendation of the Superintendent to approve purchase authority.

Report prepared by:

Superintendent Fritz, Executive Director Finance/Operations Ball & Network Manager Jacob Phillips



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 Ste 120
 Bellevue, Washington 98004
 United States
<http://www.ednetics.com>

Toll Free
 888-809-4609

Fax
 208-777-4708

www.ednetics.com

Quotation

Date
 Dec 10, 2012 3:20 PM PST

Doc #
 23448 - rev 1 of 1

Description
 WLAN w/o HA (rev 4)

SalesRep
 Hugus, Harald
 (P) 425-278-1403
 (F) 425-629-7801

Customer Contact
 Phillips, Jacob
 (P) 253-983-2212
jphillips@steilacoom.k12.wa.us

Customer

Steilacoom Historical School District #1 (SH0596)
 510 Chambers
 Steilacoom, Washington 98388

Bill To

Steilacoom Historical School District #1
 Payable, Accounts
 510 Chambers
 Steilacoom, Washington 98388
 (P) 253-983-2200

Ship To

Steilacoom Historical School District
 PO: , Jacob Phillips
 510 Chambers
 Steilacoom, Washington 98388
 (P) 253-983-2200

Customer PO: None	Terms: Unknown	Ship Via: UPS Ground
Special Instructions: None		Carrier Account #: None

Item	Description	Part #	Qty	Unit Price	Total
Steilacoom HS					
1	Cisco Aironet 2602i Access Point Wireless access point - 802.11 a/b/g/n	AIR-CAP2602I-A-K9	2	\$711.00	\$1,422.00
Cherrydale ES					
2	Cisco Aironet 2602i Access Point Wireless access point - 802.11 a/b/g/n	AIR-CAP2602I-A-K9	2	\$711.00	\$1,422.00
Chloe Clark ES					
3	Cisco Aironet 2602i Access Point Wireless access point - 802.11 a/b/g/n	AIR-CAP2602I-A-K9	2	\$711.00	\$1,422.00
Saltars Point ES					
4	Cisco Aironet 2602i Access Point Wireless access point - 802.11 a/b/g/n	AIR-CAP2602I-A-K9	17	\$711.00	\$12,087.00
5	Terrawave 10" x 10" x 2" Clear Bubble Enclosure w/ Hanger	V10102-C-1131-M	2	\$51.00	\$102.00
6	Cisco Catalyst 3750X-48P-S Switch - managed - 48 x 10/100/1000 - rack-mountable - PoE	WS-C3750X-48P-S	1	\$8,450.00	\$8,450.00
District Wireless LAN Controllers					
7	Cisco 5508 Wireless Controller Network management device - 8 ports - 100 MAPs (managed access points) - Gigabit Ethernet - 1U	AIR-CT5508-100-K9	1	\$23,790.00	\$23,790.00
8	Cisco SFP (mini-GBIC) transceiver module - 1000Base-T - RJ-45 - plug-in module - up to 330 ft - for Cisco 5508; Catalyst 2970G, 3560, 3560E, 3560G, 3560X, 3750	GLC-T=	4	\$235.00	\$940.00
District Network Control System					
9	Cisco Prime Infrastructure Lifecycle (v. 1.2) - license - 100 devices - delivered via electronic distribution	L-PI12-LF-100	1	\$5,846.00	\$5,846.00
10	Cisco Prime Infrastructure Lifecycle (v. 1.2) - license - 25 devices - delivered via electronic distribution	L-PI12-LF-25	1	\$1,947.00	\$1,947.00
11	Cisco UCS C220 M3 High-Density Rack-Mount Server Small Form Factor Server - rack-mountable - 1U - 2-way - RAM 0 MB - SATA/SAS - hot-swap 2.5" - no HDD - Monitor : none.	UCSC-C220-M3S	1	\$1,716.00	\$1,716.00
12	Intel Xeon E5-2650 2 GHz - 8-core - LGA2011 Socket - for UCS C220 M3, C240 M3	UCS-CPU-E5-2650	1	\$1,932.52	\$1,932.52
13	Cisco Memory - 8 GB - DIMM 240-pin - DDR3 - 1333 MHz / PC3-10600 - registered - ECC - for UCS B200 M2, B200 M3, C210 M2, C220 M3, C240 M3	UCS-MR-1X082RX-A	4	\$212.40	\$849.60
14	Cisco Hard drive - 500 GB - hot-swap - 2.5" SFF - SAS-2 - 7200 rpm - for UCS C200 M2, C210 M2, C250 M2, C260 M2, C460 M1	A03-D500GC3	2	\$366.00	\$732.00
15	Cisco Power supply - hot-plug / redundant (plug-in module) - AC 180-264 V - 650 Watt - for UCS C220 M3, C240 M3	UCSC-PSU-650W	1	\$630.00	\$630.00

16	Cisco Storage controller (RAID) - 8 Channel - SATA-300 / SAS - RAID 0, 1, 10 - for UCS C240 M3	UCSC-RAID-ROM5	1	\$114.00	\$114.00
17	VMware vSphere Standard (v. 5) - license - 1 processor - EDU	VS5-STD-A	1	\$579.00	\$579.00
Services					
18	Ednetics, Inc. - Installation, configuration, onsite knowledge transfer and training of WLAN Scope of Work (Wireless LAN) SHSD will be responsible for ensuring there is the necessary rack space for the Wireless LAN Controllers (WLCs). SHSD will be responsible for providing any necessary electrical facilities. SHSD will be responsible for providing any necessary data circuits (switchports). SHSD must consent to a Materials Staging Agreement, so Ednetics can receive project related equipment. SHSD must provide Ednetics with fully functional IPSEC VPN remote access to the data network. This is to remain in place while the project or any subsequent support contracts are in effect. Section Summary: Ednetics will install & configure a new Wireless LAN for the customer. This includes configuration of both the endpoints (WAPs) and the management controllers necessary (WLCs) to make the WLAN function. This install will consist of both WAP location planning and programming necessary for a successful Wireless LAN implementation. Ednetics will perform preparation tasks including: Work with SHSD to gather information and maps of their building/s (for site planning). Work with SHSD to discuss wireless use areas, high use, low use, no coverage, etc. Plan WAP install locations based on discovery. Associate any manufacturer maintenance contracts (for WAPs and/or WLCs) to Ednetics' and customer profiles. Plan a consistent naming convention for WAPs, both for physical labeling and management within the WLCs. License and register the Wireless LAN Controllers (WLCs). Obtain the latest software and firmware for the WAPs and WLCs. Work with SHSD to determine wireless network naming (SSIDs), and associated authentication/security types for each. Ednetics will perform build/install tasks including: Power on and bench test each WLC and WAP to ensure operation prior to installation. Physically install, mount the WLCs in provided racks. Program a wireless management VLAN in the building or campus core switch. Configure network switches so that all ports connected to wireless equipment are on the new VLAN. Install network modules in the WLCs and configure trunked and channeled connections to switching. Install the latest recommended firmware version on each WLC. Program the WLCs including, IP information, management passwords, and user accounts. Program the WLCs with their SSIDs and any necessary QoS for applications such as voice. Modify DHCP server options so that WAPs will be able to discover their controller. Physically install, mount and connect the WAPs at their pre-determined location. Import all WAPs into the Wireless LAN Controllers. Group and name all WAPs, apply appropriate SSIDs and settings per group membership. Integrate WLCs to Active Directory via RADIUS for authentication (when 802.1x is desired). Test wireless connectivity to client endpoints to verify successful operation of the Wireless LAN. Provide two (2) hours of administrative training on WLC features and administration. Provide thirty (30) days of up and running technical support for configurations performed during the project. Scope of Work (CPI) SHSD will be responsible for ensuring there is the necessary rack space for new equipment. SHSD will be responsible for providing any necessary electrical facilities. SHSD will be responsible for providing any necessary data circuits (switchports). SHSD will be responsible for installation of necessary backup hardware/software for CPI server. SHSD must consent to a Materials Staging Agreement, so Ednetics can receive project related equipment. SHSD must provide Ednetics with fully functional IPSEC VPN remote access to the data network. This is to remain in place while the project or any subsequent support contracts are in effect. Section Summary: Ednetics will install & configure a Cisco Prime Infrastructure (CPI) system. Ednetics will import existing Wireless Controllers and WAPs. Ednetics will import school WAP location maps into the CPI using information available from existing site-survey documents. Ednetics will perform preparation tasks including: Work with SHSD to gather existing wireless survey documentation. Associate customer CPI contracts to Ednetics' profile. Check data in Wireless LAN Controllers for consistent data format for WAP naming etc. License and register the CPI server software. Obtain the latest CPI software and updates. Ednetics will perform build/Install tasks including: Work with SHSD to prepare the District provided server or VM on-site. Install CPI server including, licensing, service activation and networking parameters. Program CPI server including, passwords, networking device entries, and user accounts. Import all existing Wireless LAN Controllers into the new CPI system. Import all WAPs into the CPI system. Format and import building maps into the CPI system. Place WAPs on their respective locations on the building maps. Configure basic monitoring and reporting features. Provide two (2) hours of administrative training on CPI features and administration. Provide thirty (30) days of up and running technical support for configurations performed during the project.	EDINSTALL	1	\$22,400.00	\$22,400.00
19	Ednetics, Inc. - EdneticsOne Support Service - 1 Year Software updates, bug fixes, security patches within licensed feature set determined by product ctgy Unlimited Phone, E-Mail, Remote and Onsite Support:	EdneticsOne	1	\$9,450.00	\$9,450.00

Phone Support 4 Business Hour Response
 E-mail Support 4 Business Hour Response
 Remote Support Next Business Day Response
 Onsite Support Scheduled

Ednetics will also provide:
 Software patches & updates within licensed feature set
 Assistance and access to manufacturer technical assistance center (ie Cisco TAC) for case support
 Next business day for core hardware replacement.

Equipment Supported

AIR-CT5508-100-K9 1
 AIR-CAP2602I-A-K9 23
 AIR-LAP1142N-A-K9 48
 Cisco Prime Infrastructure Appliance - 100 devices 1
 Cisco Prime Infrastructure Appliance - 25 devices 1
 VS5-STD-G-SSS-A 1 (VMWare Support)

20	Ednetics, Inc. - Ednetics Trade In Discount contingent upon trade in of the following: Cisco 4404-50 Wireless LAN controller (qty 1)	EDTRADE	1	\$-3,800.00	\$-3,800.00
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WA State DIS Contract T12-MST-642
 Jacob preferred to move fwd with out HA, but include offices. 12-12-12 HH.

Subtotal: \$92,031.12
 Tax (9.400%): \$8,641.34
 Shipping: \$0.00
Total: \$100,672.46

These prices do NOT include applicable taxes, insurance, shipping, delivery, setup fees, cabling services or material unless specifically listed above. All prices are subject to change without notice. Supply subject to availability.