HILLSBORO SCHOOL DISTRICT

**Invitation to Submit Information for
VOIP Phone System Installation and Support
Addendum #2**

RFI Issue Date: 3/4/2020

Addendum #1 Issue Date: 3/20/2020

RFI Due Date: 4/20/2020, 2:00 p.m.

Question Submission: Questions should be sent via email to Jordan Beveridge (beveridj@hsd.k12.or.us) by 3/17/2020, 2:00 p.m.. An addendum with answers to questions will be posted. Answers to submitted questions will be posted as Addendum #2 by 4/7/2020.

Proposal Posting and Updates Site: https://www.hsd.k12.or.us/domain/1260
Check this site often for updates or addendums.

Project Name: VOIP Phone System Installation and Support

Addendum #2 Additions: Vendor questions and district responses. Appendix D- Site Square Footage has been added.

Vendor Questions:
Questions that where received have been categorized into 4 separate categories:
1. Areas of Interest Updates
2. Current Infrastructure
3. Paging
4. Other/General

Similar questions from different vendors may have been combined into one question.

AREAS of INTEREST UPDATES

Question	Response
How many users need access to a smart phone app?	2000
How many users would need remote worker considerations?	2000
How many users need Desktop integration to Phone system (Presence, Chat , Video , Screen Sharing)?	2000
How many users are a part of Call Center / Queuing Functions?	50
Conference / Conferencing Bridge option – Any required functionality (i.e. Video, Screen sharing, etc.)?	As this is an RFI, we are interested in knowing what is available with the system proposed. If there are different pricing levels for different features please explain that in the response. Integration into other meeting platforms such as Zoom, Google Meet, Microsoft Teams or other systems would also be valuable information.
Voice Mail to text message; how many users need this option?	1000
Should respondents include professional services for end user training resources?	Yes
If you need training resources, will respondents be training end users or will respondents be training your training personnel in a train the trainer model?	The district would look at both options.
Is there a survivability requirement for every site?	At a minimum would like for internal calling to remain functional and emergency calls to be completed.
How many fax numbers would be moving to a fax server?	80

CURRENT INFRASTRUCTURE

Question	Answer
Please state versions of all Cisco products running in current environment. - CUCM- Comm. Manager for phone (PBX) - Cisco Unity Coonection- voicemail - Cisco CER for emergency response - Cisco IM&P for messaging, softphone - Cisco Expressways for remote access for teleworkers - Singlewire Informacast paging	CUCM / CUC / CER - v10.5 No other Cisco UC products are in use at this time.
Can we get the voice gateways at each school - how many PRIs, pots lines are present per site ? what models and IOS version running on them?	The AC has three PRIs and one POTS line. All other sites have one POTS line. See RFI appendix B for VG models at each site. 2921s run 15.4(3)M8, all others run v15.1(4)M9.
Can we get a breakdown of analog phones , fax, modem etc required per school ? Where are these terminated today ? if they are VG224, 248, 310, 320 gateways, please indicate the models per site.	Reference appendix B of the RFI PDF. All analog devices under consideration for this project terminate in the MDFs on the VG FXS ports. Consider the FXS port count for each site as the requirement for that site. All analog devices in use are phones, fax machines, or overhead ringers. No modems are in use at this time. Remote ATAs will be preferred over VG FXS ports in the next platform.
Do you have a virtualization solution and could we use virtual resources to house some of the phone system components?	Yes, VMWare

PAGING

Question	Answer
How many IP speakers are you currently using?	None, speakers are analog.
Is your Paging system up for renewal or replacement? If so, how many Zones are you currently addressing?	HSD is replacing existing PA systems with the Rauland TCU platform as-necessary during bond remodeling work. The new systems are being installed with IP Zone Control Modules and maintaining the use of analog speakers. The district would be interested in receiving information about options of completing paging functions over the phones in conjunction or addition to the new Rauland TCU systems. Most schools have somewhere between 3-8 zones. You can estimate that elementary schools have 3, middle schools have 5 and high schools have 8.

OTHER/GENERAL

Question	Answer
Total number of locations were stated 39. Is that 39 + HQ and a DR location ? total 41 ? We would need square footage of all buildings in order to accurately scope the E911 requirements around	39 includes all HSD sites at this time. This includes the Administrative Center which would be the primary location or HQ. Most recent square footage added as Appendix D to this addendum.
What is the estimated construction budget?	Assuming this is specific to the overall budget for this project. This would include equipment, setup, installation and configuration services and training. As mentioned in the RFI, this project is funded out of the overall 2017 HSD Bond Program. Original budget was just under 1 million dollars. This budget can be changed.

Appendix D- Site Square Footage

Site	Square Feet
Administrative Center	40,000
Butternut Creek ES	34,840
Brookwood ES	43,041
Brown MS	95,414
Century HS	265,000
Evergreen MS	120,000
Eastwood ES	49,163
Facilities	43,000
Free Orchards ES	73,500
Farmington View ES	22,867
Glencoe HS	240,000
Groner ES	32,402
WL Henry ES	52,813
Hillsboro HS	253,652
Indian Hills ES	40,219
Imlay ES	69,435
Jackson ES	50,767
Ladd Acres ES	60,825
Liberty HS	288,897
Lincoln Street ES	73,400
Lenox ES	51,074
Minter Bridge ES	49,163
Miller Education Center East	10,959

Site	Square Feet
Miller Education Center West	43,000
McKinney ES	49,163
Mooberry ES	49,496
North Plains ES	46,193
Orenco ES	69,435
Patterson ES	69,435
Peter Bosco CC	20,888
Poynter MS	83,200
Quatama ES	73,100
Rosedale ES	73,700
Reedville ES	16,247
South Meadows MS	153,000
Tobias ES	50,000
Transportation	40,000
Witch Hazel ES	69,435
West Union ES	42,757