



**Business Services
Contracts Office**

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ADDENDUM NO. 1.0

Date: 08/15/2023

Issued by: Sacramento City Unified School District

**Project: Project #: 0148-464
Leataata Floyd ES Telecenter Upgrade Project**

This addendum shall supersede the original Information, attachments, and specifications regarding Project No. **0148-464** where it adds to, deletes from, clarifies, or otherwise modifies them. All other conditions and any previous addenda shall remain unchanged.

Part A – Bidding and Contract Requirements

AD 1.10:

Question: Can we change out the Round Clocks to the Message Board clocks? This will save district money as there will only need to be 1 Cat6A pulled to each Clock/Speaker Location, instead of the current requirement for 2. This will also eliminate some additional conduit runs at certain locations to fit additional cables and be more in line with the district's revised standards. Locations with separate clocks & speakers will utilize a cover for the unused location.

Answer:

For this project, the district will accept a combination speaker/message board clock model. At locations where a combination clock/speaker are currently shown on the drawings, contractor shall provide TCC2011B IP module, ACC3011S-US0188 speaker and TCC3011S clock/message board, all installed in ACC3011SBB surface mount backbox. The contractor can also revise number of data drops needed to one per classroom speaker unit in lieu of the two drops needed for the clock and speaker installation as originally shown.

AD 1.11:

Question: Please confirm that the district wants to purchase a TCU3100SW Stream to SIP license for this project. Typically, the district does not use this feature. The TCU3100SW Stream to SIP license allows SIP extensions to be included in paging zones in Telecenter U. This feature provides for audio to be sent to SIP phones or other SIP-enabled devices as part of zones in emergencies, live and prerecorded pages, and bell schedules.

Answer:

The District does not want to purchase SIP license for this project.

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AD 1.12:

Question: Please confirm that the district wants to purchase TCU3300SW Mapping Interface license for this project. Typically, the district does not use this feature. Once configured, the map will display real-time emergency status, call-in location, priority, check-in status, and which locations have audio being actively played. This is best used with call buttons in each classroom for emergency event monitoring and management.

Answer:

This software shall not be required as there are no call stations for initiating status to the mapping interface.

AD 1.13:

Question: Classroom 4 has three additional offices that were identified during the site walk. Please confirm that three additional speaker/message board locations are required for these spaces.

Answer:

Confirmed

AD 1.14:

Question: Please confirm that the Multi-Purpose room 001 will require a new surface mount speaker and a new large digital message board as discussed with the district during the site walk. Each of these will require a separate data drop.

Answer:

Confirmed

AD 1.15:

Question: The plans call for new HPE Aruba switches, SFPs, and related switch components to be contractor furnished, installed, and configured (Please note there are no specific active network components mentioned in the specifications). However, during the site walk it was mentioned that Cisco switches, SFPs, and related switch components are to be provided instead. The existing network infrastructure is comprised entirely of Cisco components. Having said that, can the District please clarify the following questions:

- a. The part number and quantity of Cisco switches required.
- b. The part number and quantity of Cisco network licenses required.
- c. The part number and quantity of any additional Cisco power supplies.
- d. The part number and quantity of Cisco SFP/SFP+ transceivers required. *Please note this campus appears to be fed by single-mode fiber*
- e. The part number and quantity of Cisco network-related components (i.e. stacking cables,
- f. stacking modules, Twinax cables, etc.)

Answer:

Attached is the list of switches, network licenses, and other network-related components to be used on the projects:

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DESCRIPTION	MFG	PART NUMBER
Network Switch (Catalyst 48port PoE)	Cisco	C9300L-48PF-4X-EDU
Network Switch License (DNA Essentials, 48-port, 3-yr)	Cisco	C9300-DNA-E-48-3Y
SFP transceiver (Qty = 2) cable bundle	Cisco	SFP-H10GB-CU1M
Network Switch stacking kit	Cisco	C9300-STACK-KIT
Network Switch stacking cable (3 METER)	Cisco	STACK-T3-3M
Wireless Access Point	Cisco	See District for P/N
Network Switch 24G/4SFP+	Aruba (Under Evaluation*)	6200M/R8Q68A
Network Switch 36G/12SR5/4SFP+	Aruba (Under Evaluation*)	6200M/R8Q71A
Network Switch 24SFP+/4SFP56	Aruba (Under Evaluation*)	6300M/JL658A
Network Switch Power Supply	Aruba (Under Evaluation*)	JL087A
DAC Cable 1 Meter	Aruba (Under Evaluation*)	J9281D
SFP+ Transceiver	Aruba (Under Evaluation*)	J9151E
Wireless Access Point, Interior Ceiling Mount	Aruba (Under Evaluation*)	Q9H63A/AP-515
Access Point Mounting Bracket, 15/16" T-Bar	Aruba (Under Evaluation*)	R3J16A/AP-MNT-B
Access Point Mounting Bracket, Solid Surface	Aruba (Under Evaluation*)	R3J18A/AP-MNT-D
Wireless Access Point, Exterior Wall Mount	Aruba (Under Evaluation*)	R4W49A/AP-567
Access Point Mounting Bracket, Outdoor AP, Solid Surface	Aruba (Under Evaluation*)	R6W11A/AP-270-MNT-H3
Aruba Central AP Foundation 5y Sub E-STU	Aruba (Under Evaluation*)	Q9Y60AAE
Aruba Central 62xx/29xx Switch Foundation 5y Sub E-	Aruba (Under Evaluation*)	Q9Y75AAE
STU		
Aruba Central 63xx/38xx Switch Foundation 5y Sub E-STU	Aruba (Under Evaluation*)	Q9Y80AAE
Aruba Central X371 12DVC 250W SC Power Supply	Aruba (Under Evaluation*)	JL085A
UPS (MDF) with network monitoring	N1C	N1C.LR2000
UPS (IDF) with network monitoring	N1C	N1C.LR1500

*Product requires District Approval
 END OF APPENDIX A

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AD 1.16:

Question: During the site walk, it was noticed that certain MDF/IDFs may have an adequate number of switch ports and patch panel ports to accommodate for the new CAT 6A drops on this project. Having said that, can the District please clarify the following questions:

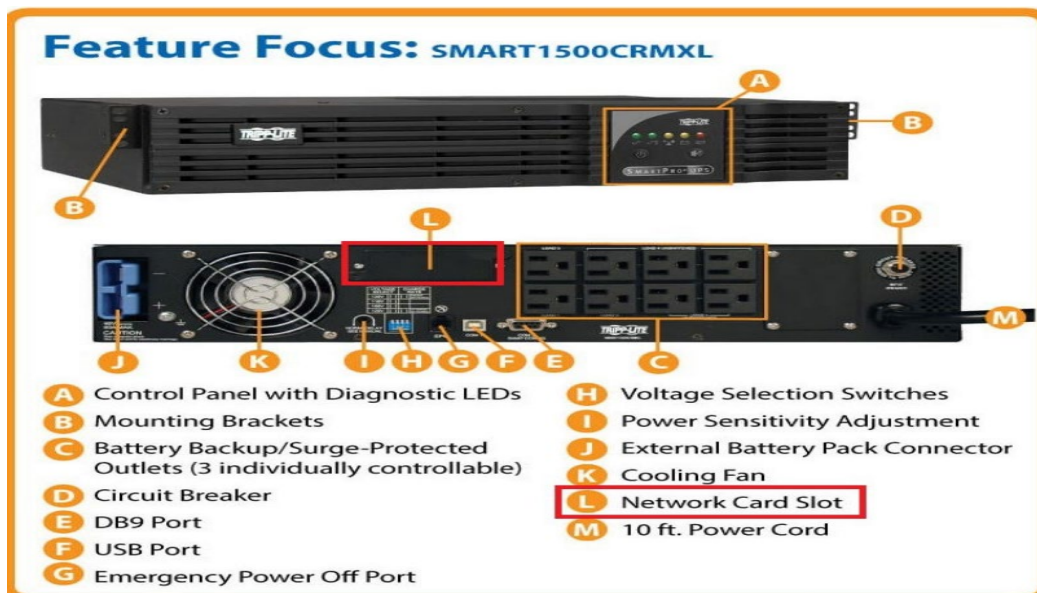
- a. If a sufficient number of patch panel ports exist, are contractors permitted to utilize existing patch panels in lieu of providing a new one? This will represent a cost savings to the District.
- b. If a sufficient number of switch ports exist, are contractors permitted to utilize existing switch ports in lieu of providing a new one? This will represent significant cost savings to the District.
- c. If yes to the above, is the District able to advise which MDF/IDFs will require new patch panels and/or switches to help facilitate an apples-to-apples proposal from all bidding contractors?
- d. If not, is it correct to assume that new patch panels and switches will be required for all MDF/IDFs regardless of how many ports are available?

Answer:

Bid/Build per plan. Please provide new data switch and patch panels at IDF locations per plan. The new switch shall be plugged directly into a UPS for dedicated runtime of the intercom system.

AD 1.17:

Question: Please advise if the battery backups shown on the one-line diagrams exist or to be furnished and installed by the contractor. If so, please also advise if a network interface card is required for each of these UPS battery backups to achieve network connectivity (shown below; and the one-line diagrams call for an RJ-45 connection to the battery backup as well). If so, please provide the part number and quantity of network interface cards required.



Answer:

They need to be furnished. 1 per UPS. Part number to be supplied by manufacturer.

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AD 1.18:

Question: During the site walk, it was mentioned that the District has been working on an “order of operations” gameplan that will directly impact how contractors are to proceed with the installation, configuration, and demolition of the new and existing intercom systems. To be specific, there’s a possibility the new and existing intercom systems might be able to operate concurrently, which will reduce the amount of labor required by contractors to perform a successful installation:

- a. Is the District able to clarify if contractors will be able to install the new clock/speaker units and tie them into the existing system to avoid any downtime? This would be ideal since contractors would be able to rough in cable, remove the existing units, install the new clock/speaker units, configure them to work, and then demolish the existing cabling/units in one pass without having to return to the same room(s) multiple times to perform these tasks.
- b. If this is not possible, is the District able to clarify the proposed “order of operations” that contractors are to follow during this project?

Answer:

The current system shall stay operational until the new system is installed, commissioned, and cut over.

AD 1.19:

Question: During the site walk, it was mentioned that bid results will be published prior to the other project bid times so contractors can adjust bids as needed to stay competitive. Please advise if this is still the case.

Answer:

Bid due dates are published in bid documents.

AD 1.20:

Question: During the site walk, it was mentioned that all existing clocks (except the master clock) are to be returned to the District and speakers are to be disposed of by the contractor. Please confirm if this is still the case.

Answer:

The District holds the right to salvage

AD 1.21:

Question: The plans call for CAT 6 cabling and the specifications call for CAT 6A. It was mentioned during the site walk that all cabling shall be CAT 6A. Please confirm if this is still the case.

Answer:

CAT 6A is to be used

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AD 1.22:

Question: Please advise if the contractor is to provide and install (1) or (2) new CAT 6A cables for these new clock/intercom/speaker units.

Answer:

All speaker/message board units are single CAT 6A. The multipurpose room – which will use the larger message board - requires (1) cable each per clock and (1) per message board.

AD 1.23:

Question: The District has standardized Ortronics modular patch panels (Part #'s OR-SPKSU24 and OR SPKSU48). However, the plans call for (2) 12-port IDC-style patch panels (Part # PHD66U12) per MDF/IDF. To stay consistent, is the District willing to accept a substitution for (1) 24-port or (1) 48-port modular patch panel in lieu of these fixed port patch panels? This setup will allow for the use of color-coded jacks, future expandability, and conserve valuable rack units.

Answer:

Yes.

AD 1.24:

Question: Classroom 4 has three additional offices that were identified during the site walk. Please confirm that three additional speaker/message board locations are required for these spaces.

Answer:

Confirmed

AD 1.25:

Question: Will the District accept a substitution of CAT 6A cabling in lieu of the 2C #18 cabling for the analog clock/speaker units in the plans? It is our understanding that 23 AWG CAT 6A cable will still render the analog units fully functional while maintaining uniformity across the cabling infrastructure.

Answer:

CAT 6a cable shall be used

AD 1.26:

Question: Please advise if the contractor is to provide and install new single-mode fiber optic patch cords in order to achieve the "Fiber Ring To IDF Switches" configuration outlined in the one-line diagram. Can the District please advise if EMT conduit is acceptable to install below 8ft? If not, is GRC (Rigid) conduit required for any future conduit pathway installations, regardless of circumstances?

Answer:

Patch cords confirmed.

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AD 1.27:

Question: Can the District please advise if EMT conduit is acceptable to install below 8ft? If not, is GRC (Rigid) conduit required for any future conduit pathway installations, regardless of circumstances?

Answer:

EMT acceptable for this campus only.

END OF ADDENDUM NO. 1.0

Acknowledgement of this Addendum will be required at time of bid.