

**Rock Hill Schools
Rock Hill, South Carolina
STMS Cabling Upgrades
RFP # 22-2325 RHSD**

Addendum One – March 3rd, 2023

Following are changes, additions, deletions, clarification, or additional information to the RFP. All addenda are considered a component of the RFP.

Changes / Clarifications to the RFP:

None.

Walk –Through Notes:

The following notes (**N1-N13**) and **Site Map Attachments** address questions asked/responses given, additional project details, and/or items of interest that were identified as a result of the Pre-Bid Walk Through on February 28th, 2023.

N1: Does RHSD want the Vendors to quote for replacement of all cabinets/ racks incase they're damaged or need replaced? Also, would RHSD consider racks instead of cabinets in closet locations already secured behind locked doors. What size cabinet/ racks need to be quoted??

N1 Response: The District would like vendors to quote for replacement of 42U two-post racks in the A118, C100, Front Office, Band and Gym closet locations. The racks do not need additional cable-management devices ("wire managers") quoted. In addition, provide quotes for replacement of cabinets in the A-Hall, C-Hall, and MDF locations. The MDF location needs quoted for two cabinet replacements. The cabinets replaced all should be keyed the same, have 36in-depth, and 42U capacity. Any other closet locations only need quoted for 1 rack or 1 cabinet dependent on all equipment fitting.

N2: What type of fiber is currently utilized, and how is it ran?

N2 Response: Single mode. The fiber lines seem to all be ran underground through conduit.

N3: Does RHSD want the Vendors to quote for replacement of fiber lines connecting the racks?

N3 Response: The District would like vendors to quote for **testing** of all existing fiber. If the fiber is up to the designed performance specs and not damaged it will not need to be replaced. If any fiber were to become damaged during the project it would need to be replaced.

N4: Can RHSD IT clarify the number of drops that need quoted?

N4 Response: The District would like vendors to quote for 3 data drops ran per classroom; specifically, 2 drops ran on one wall as well as 1 data drop on another wall per classroom. RHSD wants vendors to quote for 2 drops ran to each other room in the building. Each Access Point drop will need to be replaced with a green jack end meeting the AP and a green jack end at the patch panel. There are 75 APs. All of these aforementioned should be itemized as E-Rate eligible. Vendors should separately itemize 77 Purple Intercom drops, 96 Orange Camera drops, and 7 Yellow Security drops in their quote as ineligible E-Rate items. Each Intercom, Camera, and Security drop will need to be replaced with a jack end meeting the device and a jack end at the patch panel with the colors coordinated.

N5: Can RHSD provide vendors with a current map/ diagram and count of Access Points?

N5 Response: STMS has 75 Access Points, a map is attached to this addendum. The document is titled "STMS Access Point Diagram 08272021.pdf".

N6: Can RHSD provide their color code specifications?

N6 Response: Blue is for vlan100Data/vlan5 voice. Green is for Access Points. Orange is for Cameras. Purple is for Intercoms/ Energy Mgmt. Devices. Yellow is for security devices. All replaced cabling must be CAT6. All jacks must be color coordinated with the connected cable color.

N7: Does RHSD want Vendors to quote for replacement of Intercom, Camera, or other drops that aren't DATA (blue) or Access Point (green)?

N7 Response: Yes. However, quotes should itemize E-Rate eligible items separate from the ineligible E-Rate items. Again, E-Rate eligible items include Blue Data, and Green AP. Ineligible E-Rate items are Purple Intercom / Energy Mgmt., Orange Camera, and Yellow Security.

N8: Does RHSD want to use existing Raceways and Conduits to for drops ran?

N8 Response: All existing conduits and raceway are to be reused unless any are found to become damaged.

N9: Is this a plenum space? Will plenum cable be required?

N9 Response: Vendors should quote ALL cables as plenum-rated.

N10: What length patch cables for closet and user end?

N10 Response: The District uses the shortest possible closet patch cables with the maximum cable lengths being 5ft. User-end cables are a maximum of 10ft. Vendors should not quote for any patch cabling however.

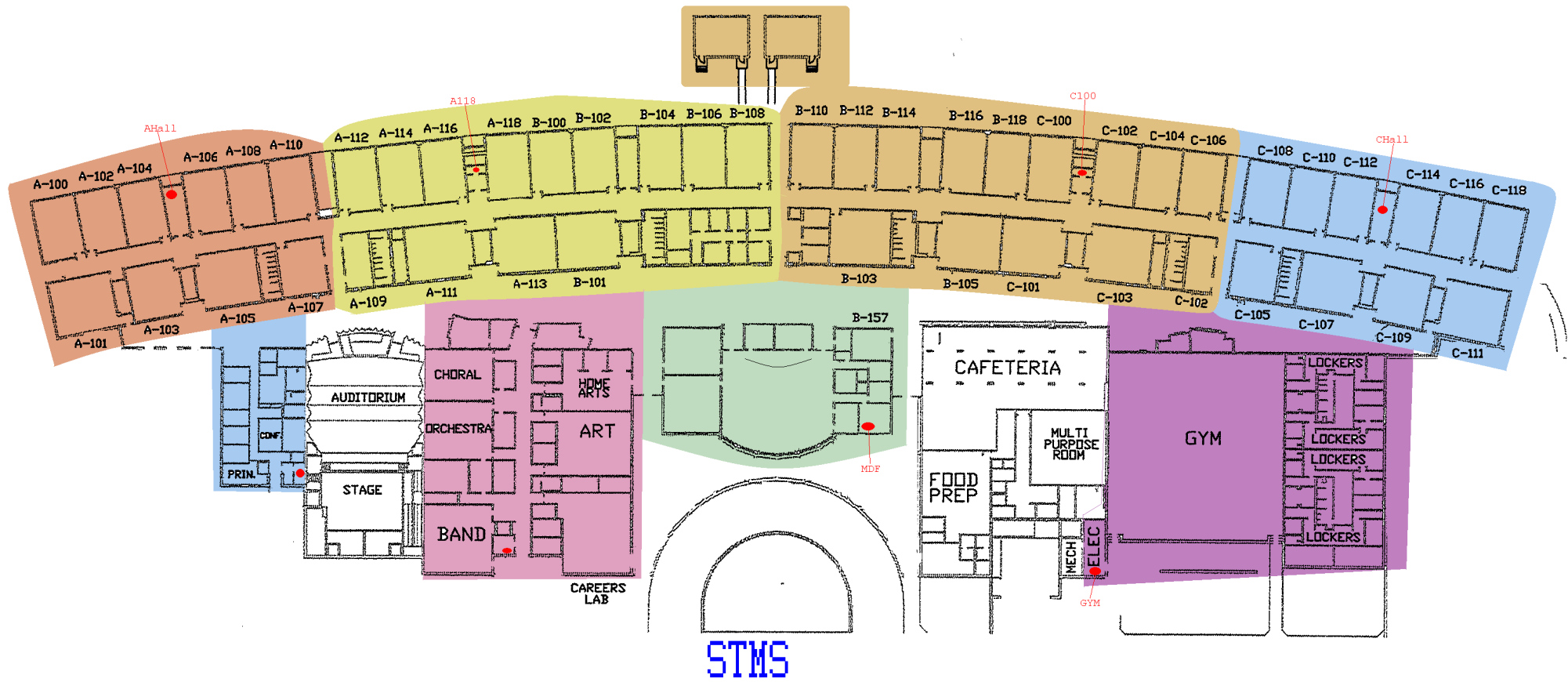
N11: Demo of existing cable will be completed prior to this installation and will not be part of this project?

N11 Response: Vendors MUST quote for existing removal/ demolition of all cabling, racks, cabinets, project materials etc. that need replaced.

N12: Will any ladder racking be required for the new 4 post racks?

N12 Response: Yes, the District would like Vendors to quote for ladder racking that will connect and secure the cabling from each rack or cabinet to the ceiling where it should meet existing raceway or conduit. The District would like Vendors to quote for replacement of 42U two-post racks, NOT four-post racks in the A118, C100, Front Office, Band and Gym closet locations.

N13: The District is requesting separate patch panels installed for each cable color. A patch panel only for DATA drops, a patch panel for Access Point drops, a patch panel for Intercom drops, a patch panel for Camera drops, and Security drops. In each closet location the Vendor should quote for a 48-port patch panel for Blue DATA, 24-port patch panel for Access Point Green, 24-port patch panel for Intercom/Energy Mgmt. Purple, a separate 24-port patch panel for Cameras Orange, and a separate 24-port patch panel for Security Yellow.



AP Placements

- MR46 (67)
- MR56 (8)

