	GUILFORD COUNTY SCHOOLS Invitation for Bid Addendum #2 04/22/2024 **Purchasing Department** **501 W. Washington Street** **Greensboro, NC 27401**
Direct all inquiries to:	**Invitation for Bid: 6646**
Velicia Moore	**Proposal due date: April 26, 2024**
gaddyv@gcsnc.com 336.370.3240	**Commodity: Paging/Communications Equipment & Installation**

NOTICE TO BIDDERS

Please be advised that this document serves as Addendum #2 to IFB #6646– Paging/Communications Equipment & Installation for the 2022 Bond. The following is a statement from Guilford County Schools (GCS) and questions asked by vendors. The answers were provided by GCS, please see below.

Statement

After the walk-thru it was discussed that Guilford County Schools could consider the use of a cable tray in the main corridors at Doris Hendson Newcomers School. It was also suggested that we use single channel stick on raceway in the mobile units for cable pathways. Guilford County Schools has further evaluated the suggestions and we wish to make the following changes to IFB # 6646:

Guilford County Schools will now require that a solid bottom cable tray be used in the two main corridors of Doris Henderson Newcomers School. All data drops will travel in EMT over to the closest cable tray for pathway to the MDF data rack. There will be two designated locations that the vendor shall install multiple larger conduits to get from the corridor cable tray to the MDF room cable tray and then down to the patch panels in the data rack.

Guilford County Schools will now require the use of Panduit single channel stick on raceway and appropriate surface mount boxes and adaptors in the mobile units for cable pathways. The quantity of cables will dictate the size of the raceway needed and it is the responsibility of the contractor to know proper sizing. The use of all raceway adaptors shall be required.

Questions

Q1: CommScope or Panduit cable?
A1: CommScope CAT6 is acceptable

Q2: Cat6A Plenum for AP?
A2: CAT6 Plenum will be required for this entire project

Q3: Cat6 Plenum for data, PA, door access, Call button, Computer and Printer?

A3: CAT6 Plenum will be required for this entire project.

Q4: Number of mobiles requiring 6 strand fiber? Mobiles 2, 3 and 5 were deleted during the walk, please verify.
A4: Eleven (11) mobiles require a 6-strand fiber optic cable.

Q5: Is Armored Fiber needed for mobiles? If not what type of conduit for fiber pathway to mobiles?
A5: No Armored fiber is not required. 1.5- or 2-inch grey PVC should be used to create a pathway from the mobile units back to the main building. Conduits shall be strapped in a way to not allow sagging over time.

Q6: Is fiber to mobiles needs to be Indoor/Outdoor?
A6: Yes all fiber should be indoor/outdoor rated

Q7: Do you need armored fiber for Computer Lab?
A7: No, but the 6-strand OM3 MM fiber should be in its own conduit.

Q8: Can I use Corning fiber and connectors?
A8: No, please use Panduit FOKRZ06Y, OM4, 6-fiber, Indoor/Outdoor, Riser (OFNR), Tight Buffered and 1. Panduit FLCDMCXAQY, LC OptiCam® 10Gig™ 50/125µm OM3/OM4 Multimode Duplex Fiber Optic Connector for 900µm tight-buffered fiber installation; ferrule type, zirconia ceramic.

Q9: Do you need OM4 or OM3 fiber?
A9: OM3 fiber is acceptable and should be quoted in the bid.

Q10: Is there any update on drawings? Camera locations were missing from provided drawing during the walk through.
A10: Yes, they will be emailed to you directly.

Q11: What fiber part number is approved for this bid?
A11: Panduit FOKRZ06Y, OM4, 6-fiber, Indoor/Outdoor, Riser (OFNR), Tight Buffered

Q12: Should the conduits coming from the mobile units for the fiber be attached to the awning or the decking?
A12: Awning

Q13: During the site visit it was indicated that the Rebox could be substituted for the Panzone enclosure? If so, which Rebox part # is acceptable?
A13: Correction to what was said. Please continue with the PanZone enclosure as stated in the IFB Specs.

Q14: During the site visit, Eddie stated that the computer lab had (30) cables that will go back to the existing ½ rack? The spec says 25 to 30. What count should we include for this bid?
A14: Between 25 and 30 as stated in the IFB.

Q15: Who will be responsible for removing the existing rack and active equipment in the MDF?
A15: GCS Technology staff will remove all equipment, but the winning contractor will be responsible for the removal of the existing rack. Please make special note that the Spectrum Fiber box will need to be relocated to the new rack.

Q16: The spec doesn't indicate if any vertical or horizontal wire management should be included in the bid?
A16: Vendor shall provide in their bid provisions for vertical wire management for both sides of the rack. Panduit PR2V06

Q17: During the site visit, it was stated that the horizontal cable support in the main building hallway could be via a cable tray or conduit. Will the owner clarify which method should be used for this bid?
A17: Pathway in the two main hallways should be a solid bottom cable tray .

Q18: Clarification on the following statement in the Mobile Unit section "A new outlet shall be inside the bottom of the enclosure? What type of outlet does this refer too?
A18: Electrical Outlet

Q19: Clarification on "the outlet shall be extended so that there is not a loose power cable visible?
A19: An existing electrical wall outlet shall be extended so that there is power located inside the new enclosure.

Q20: Will GCS be providing the successful bidder an electronic copy of the school for the as-builts as indicated in the IFB?
A20: Yes

Q21: During the site visit it was mentioned that the cabling was going to be changed to Cat6 instead of a combination Cat6 and Cat6A as indicated in the IFB, will this changed be sent out in the addendum?
A21: All cables for this project shall be Plenum rated CAT6.

Q22: can you clarify we are not responsible for cameras, AP's,etc. when they are reconnected on the new cables.
A22: If the contractor must remove any camera to install new pathways, then the contractor is responsible for re-mounting the camera and ensuring it is working. Access Points will be removed by GCS Tech staff.