

## E-Rate RFP#2020-003 Cabling Project Questions and Answer

The following questions were asked by vendors seeking to bid on this project. The answers are looking to clarify the scope of the project.

Question 1: Will this be a single manufacture solution like Commscope Systimax to insure all components are made by one manufacture to insure the performance you are requesting?

Will all fibers need to be fusion spliced at each end to insure the lowest loss possible? I suggest no UNICAM style connectors as they will fail over time.

**Yes, we are looking for a single manufacture solution. On our Form 470, CommScope or equivalent was specified. Additionally, the connectors are expected to be of quality. The Goal of the district is to have a quality fiber infrastructure that will not fail in a short time after installation. A quality product is the expected solution.**

Question 2: Will you want a no cost 20-year manufacturer's warranty that Commscope offers at the end of the project to insure that you are getting a quality installation of new fiber optic cable and connectivity.

**Yes! Again, we are looking for a quality product CommScope or equivalent and an assured quality connection solution.**

Question 3: you are asking for 10-gig fiber please clarify is this fiber going to be Single Mode/OM3 or OM4 as all three solutions will support 10-gig. I did see you asked for single mode patch cords but I just wanted to clarify as its not clear on the fiber cable.

**Yes, we are looking for a Single Mode Solution.**

Question 4: How many strands of fiber will you want between the MDF and IDF as none are shown. Typical is 6 or 12 fibers from each IDF to the MDF with no daisy chains all fibers are homeruns.

**Minimal of 6 strands, with no Daisy chain of Fiber Homeruns. We are looking for correct best practices in our fiber infrastructure.**

Question 5: Please clarify the size of the new network cabinets we are installing. Please include height/and usable depth.

**A quality, Black, Smoked Glass, enclosed and lockable Cabinet Rack:**

**At Cecil MDF - Wall Mount, 48"H x 24"W x 32.13"D, Usable depth 30" Plexiglas door,**

**All others IDF - 24"H x 24"W x 24"D Smoked Plexiglas door**

**Contractor will replace each IDF/MDF wall mount cabinet with a new a new cabinet. Contractor will replaced existing backboard with white paint backboard. Contractor will cut existing cabinet open to remove Fiber LIU, existing patch panels, and 66 blocks. Contractor will reinstall removed patch panels, fiber LIU's, and 66 blocks into new cabinet.**

Question 6: Will we need to re-terminate the station cables on the campus that has split pairs as you only mention re terminating the cables at the IDF/MDF. The existing devices will need to be consolidated into one jack at the station sided as well.

**Yes, both station cable and MDF/IDF locations.**

Question 7: what hours will we be able to work. For example during school or after school as it makes a big difference in the labor cost for after hours.

**The Goal will be during Summer Break and Holidays. We are open to the notion of during and after school if it does not affect the services. There will be some sites that may have complexity in the project and that may require over school breaks to minimize network outages.**

Question 8: Do you have a preferred model already for the racks to be installed?

**No Preference other than a quality, Black, Smoked Glass, enclosed and lockable Cabinet Rack**

If not, what are the specifications for the different racks that you need?

**A quality, Black, Smoked Glass, enclosed and lockable Cabinet Rack**

**At Cecil MDF - Wall Mount, 48"H x 24"W x 32.13"D, Usable depth 30" Plexiglas door,**

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**See question's 5 answer.**

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Questions and Answers - February 29, 2020

Question 9: There are 2 dates for the walkthrough in the RFP February 9, 2020 9:00 AM (Sunday) and the RFP also says Friday, February 11, 2020 (which is a Tuesday). Can you please confirm the right date and time so we can attend?

**There was an error in the document. The correct date is Tuesday February 11, 2020 9:00 AM.**

E-Rate Projects Timeline:

Form 470 Certified Date: January 23, 2020

Job Walk-Thru: **February 11, 9:00 AM (RFP# 2020-003 Cabling) \***

Bid Closing: February 25, 2020 1:00PM

<https://www.duesd.org/domain/199>

Question 10: Fiber type in the RFP just says single mode. Do you know how many strand fiber you want? Most schools generally do 6 strand since single mode will scale up in speed on a single pair.

**See question's 4 answer.**

Question 11: Almond Tree will also require a split pair conversion of Cat5e/Cat6 at 5MDF/IDF Locations. How many drops does this entail?

**There are the following IDF MDF Location with split pairs. The counts are of current ports.**

**Admin Office IDF (8) + new additional cable to equal ports being converted.**

**Resource Room (16) + new additional cable to equal ports being converted.**

**Room 16 IDF (20)**

**Room 20 IDF (47)**

**Room 41 IDF (40)**

**Gym IDF (6) + new cable may need to be added, conduit situation unknown.**

**Room 23-26 IDF (34)**

Question 12: Are we running a new cat6 cable anywhere?

**Yes, for the Split Pair conversion, there will be adding of new Cat 6 at specific locations.**

**Admin Office (8)**

**Resource Room / MDF (16)**

Question 13: Is there room in the existing pathways, and are all the pathways known? I saw on the floorplan that there isn't always a pathway noted.

**Pioneer School has Conduits/Christy Box**

**Cecil Ave, Del Vista and Nueva Vista are a combination of underground and above ground/Covered walkways with attached conduits.**

Question 14: Will we be removing the old fiber to make room for the new fiber?

**At certain schools, that will be a requirement. Pioneer for examples has ample space in its conduits. Other schools may not.**

Question 15: Do you require a warranty? Most districts require at least a 20 year warranty on fiber.

**See question's 2 answer.**