



RFP 18-110 Cabling Infrastructure - E-rate YR 21
Date: January 12, 2017

Question 1:

Are racks, cabinets, and cable tray to be provided as part of this project?

Contractor will provide all data cabinets, racks, J-Hooks, ladder racking, patch panels, cable management, LIU's, and all components/materials, required to complete the fiber and copper infrastructure in this project per Structured Cabling Specifications (including any addendums related to this RFP).

Contractor must follow Structured Cabling guideline for Racks, Cabinets, Cable Managers, Fiber Patching, Fiber Jumpers, and Cable Pathways, pages 28-40.

Question 2:

STRUCTURED CABLING SPECIFICATIONS STANDARD documents page 19 and 80,81 call for GenSPEED ® 10 UTP Category 6A Cable.

Page 58 calls for PUP6AM04BU-UG

Confirming that it is GenSPEED ® 10 UTP Category 6A Cable and the color is blue?

Please bid GenSpeed 10 Riser Rated (Blue) cable #7143819 for all non-plenum locations.

Please bid GenSpeed 10 Plenum (Blue) cable #714181 for plenum environments.

Contractor must follow Structured Cabling guidelines on Page 14 for Cable Pulling and Termination. And, Specs related to Outlets and Surface Mount Boxes. Pages 16-18.

Contractor must perform Cable Testing and Certification to satisfy PanGen 25 Warranty for all copper and fiber runs.

Question 3:

Is there currently conduit between buildings (IDF's and MDF) available and clear?

2" conduits between buildings (IDF's and MDF) will be available and clear for this project. See Signal Plan E3.4

Question 4:

Is there demo of old cable and cable locations required in this project?

There will be no demo of old cable required in this project.

Question 5:

The specs & appendices indicate a 10G plenum cable. Is riser acceptable in non-plenum environments?

Riser cable will be acceptable in non-plenum environments. See Question 2 above.

Question 6:

Is the AV hardware (TV's, Controls, input plates) our responsibility for this project or will it be the responsibility of the GC (on another contract)?

Installation of AV hardware will not be part of this contract. It is not E-Rate eligible.

Question 7:

On E3.4 (Signal Diagram) it mentions a 1FM & 1FS to IDF's. The legend doesn't indicate what types of cable these are (strand count, etc.).

1FM is 12 strand 50 (OM4) MM (See Page 22 – Structured Cabling and Specs)
1FS is 12 strand SM (See Page 22 – Structured Cabling and Specs)

Question 8:

On E3.4 (Signal Diagram) the Data conduit (fiber, etc.) is routed to STC-E instead of the IDF (mislabeled).

Correct, IDF-2E is mislabeled. Should be DATA - 2"-1FM,1FS,1H (3CELL)
IDF 3-E is not included on the E3.4 Signal Diagram. Should be labeled DATA - 2"-1FM,1FS,1H (3CELL). All fiber and copper infrastructure will need to be included in the Bid for IDF 3-E.

Question 9:

Are As-builts and PanGen Certification required for this Project?

Yes, As-builts are required to be submitted to CUSD Facilities within 30 days of completion of the project.

Yes, PanGen Certification is required for all copper and fiber runs.

Question 10:

Are Fiber and Copper Patch cords required for this Project?

Yes, one 10' Copper Patch Cord per Station Cable is required.
All patch cords for Fiber and Copper patching is to be provided by Contractor.
See Structured Cabling Specs, 14 Copper Patch Panels and Cords + Typical Rack Configuration on pages 29 – 35.

Question 11:

Will there be any exterior WiFi locations and what are the specs for Exterior data?

Please provide and mount 12"x12"x6" Cantex box for Wifi locations. Data should be terminated inside the Cantex box or in a recessed 4 square rain-tight electrical box (depending on building structure). See Cable Specs for termination.

Vendor to sign as acknowledgment of receipt and return with bid/RFP.

Signature: _____

Date: _____

Company Name (please print) _____