



ADMINISTRATIVE OFFICE OF THE COURTS  
MARYLAND JUDICIAL CENTER  
580 TAYLOR AVENUE  
ANNAPOLIS, MARYLAND 21401

January 08, 2010

Re: K10-0084-84F; Telephone/Data Wiring for New Charles County District Court House in LaPlata

**AMENDMENT # 7**

Dear Interested Party:

The Administrative Office of the Courts (AOC) hereby makes the following clarifications/changes to the above referenced Request for Bid.

The following consists of questions raised by potential bidders on the above referenced solicitation and the AOC's responses.

Q1. Charles County Facility Department to provide necessary core hole within wire closet of Existing District Court Building to access crawlspace. Is this correct?

A1. This is correct. Facilities will supply a 3" diameter hole in the phone closet at the street end of the existing building.

Q2. Contractor awarded project shall provide necessary core holes within the New District Court Building to access Basement and 2<sup>nd</sup> Floor. Is this correct?

A2. This is correct. Contractor will supply a sleeved 4" core hole for both the basement access and 2nd floor access to the first floor data closet. These holes will be fire stopped after completion of work by the contractor.

Q3. 50-pair category 3 backbone cable shall be riser rated?

A3. Cable shall be riser rated.

Q4. 50-pair category 3 backbone cable shall terminate on 50-pair lightning protection blocks with 5-pin protection modules at both ends?

A4. A 5 pin protection module will be used at each end of the 50 pair cable that spans between the existing and new bldg.

Q5. 12-strand optical fiber backbone cable can be riser rated armored?

A5. As mentioned at the walkthrough the fiber cable running between the buildings can be a riser rated armored cable in lieu of an interducted solution.

Q6. 12-strand optical fiber backbone cable shall be terminated with ST connectors housed in a wall mounted enclosure within the Existing Building and terminated with LC connectors housed in a rack mounted enclosure within the New Building?

**FRANK BROCCOLINA**  
STATE COURT ADMINISTRATOR  
(410) 260-1295 Fax: (410) 974-2066  
[frank.broccolina@mdcourts.gov](mailto:frank.broccolina@mdcourts.gov)

**FAYE D. GASKIN**  
DEPUTY STATE COURT  
ADMINISTRATOR  
(410) 260-1257 Fax: (410) 974-2066  
[faye.gaskin@mdcourts.gov](mailto:faye.gaskin@mdcourts.gov)

**SHARON SAMPSON BALL**  
Executive Director  
Human Resources  
(410) 260-1283 Fax: (410) 974-2849  
[sharon.ball@mdcourts.gov](mailto:sharon.ball@mdcourts.gov)

**GRAY BARTON**  
Executive Director  
Office of Problem-Solving Courts  
2011-D Commerce Park Drive  
Annapolis, Maryland 21401  
(410) 260-3617 Fax: (410) 841-9850  
[gray.barton@mdcourts.gov](mailto:gray.barton@mdcourts.gov)

**PHILIP S. BRAXTON**  
Executive Director  
Judicial Information Systems  
2661 Riva Road, Suite 900  
Annapolis, Maryland 21401  
(410) 260-1000 Fax: (410) 974-7170  
[philip.braxton@mdcourts.gov](mailto:philip.braxton@mdcourts.gov)

**ALLEN C. CLARK, III**  
Executive Director  
Budget & Finance  
(410) 260-1579 Fax: (410) 260-1290  
[allen.clark@mdcourts.gov](mailto:allen.clark@mdcourts.gov)

**DAVID R. DURFEE JR.**  
Executive Director  
Legal Affairs  
(410) 260-1405 Fax: (410) 974-2066  
[david.durfee@mdcourts.gov](mailto:david.durfee@mdcourts.gov)

**RAYMOND MACK**  
Executive Director  
Procurement & Contract  
Administration  
(410) 260-1410 Fax: (410) 260-1749  
[raymond.mack@mdcourts.gov](mailto:raymond.mack@mdcourts.gov)

**PAMELA CARDULLO ORTIZ**  
Executive Director  
Family Administration  
(410) 260-1580 Fax: (410) 974-5577  
[pamela.ortiz@mdcourts.gov](mailto:pamela.ortiz@mdcourts.gov)

**DIANE S. PAWLOWICZ**  
Executive Director  
Court Research & Development  
(410) 260-1725 Fax: (410) 974-2066  
[diane.pawlowicz@mdcourts.gov](mailto:diane.pawlowicz@mdcourts.gov)

**ROXANNE P. MCKAGAN**  
Manager  
Administrative Services  
(410) 260-1407 Fax: (410) 974-2066  
[rocky.mckagan@mdcourts.gov](mailto:rocky.mckagan@mdcourts.gov)

**DEBORAH A. UNITUS**  
Manager  
Program Services  
(410) 260-1291 Fax: (410) 974-5577  
[deborah.unitus@mdcourts.gov](mailto:deborah.unitus@mdcourts.gov)

A6. Correct. Only ST connectors may be used at the existing building.  
Only LC connectors may be used at the new building. ST to LC conversion cables is not acceptable.

Q7. Quantity and lengths of LC/LC optical patch cords for New Building?  
A7. See page 19, item 9. All fiber patch cords will be LC > LC and will be 10' in length. Contractor is to supply 12 each.

Q8. Connector type, quantity, and lengths for optical patch cords for Existing Building?

A8. No patch cords of any type are required at the existing building end of the fiber run.

Q9. Will a detail sheet outlining outlet configuration and symbols be available?

A9. "Outlet Configuration" will typically be 2 data and 1 voice on a wall plate. Exceptions are noted on the Wiring Layout Spreadsheet. An "Outlet Layout" drawing will be available showing locations of data and voice jacks.

The following symbols have been used to identify outlets:

- a. An open (unshaded) triangle is a voice jack.
- b. A solid dark triangle (completely shaded) is a dual data jack.
- c. A triangle with one half dark (shaded) is a combination single voice/dual data.
- d. An open (unshaded) triangle with a superscript "w" is for a wall mounted phone.

Q10. Will a project schedule outlining ALL trade time lines be available?

A10. Yes, this schedule is available.

Q11. Category 6 Voice cables will terminate on rack mount patch panels or wall mounted blocks?

A11. Cat6 voice cables will mount on wall mounted 110 blocks. Blocks will be mounted on existing plywood.

Q12. Will Category 6 Voice patch cords be provided by Contractor or Customer?

A12. Contractor does not supply cat6 voice patch cords.

Q13. Quantity and lengths of Category 6 data patch cords?

A13. See page 18, item 8. Patch cords will be supplied in 3', 5, and 7' lengths. All patch cords to meet or exceed cat5e specs.

The following patch cords are to be supplied: 40 7' cords, 50 5' cords and 30 3' cords.

Q14. Wire gauge for Microphone cabling?

A14. Microphone cable should be the equivalent of a West Penn 25292 plenum rated cable. However, any gage between 24 AWG and 18 AWG will be acceptable.

Q15. Wire gauge for audio cabling?

A15. The 6 pair audio cable should be equivalent to CSC cat # 111402.

We will accept Awg wire gage between (and including) 18 to 24 gage.

Q16. Within Computer Server Room will Ladder Rack be installed around perimeter walls?

A16. Yes, a cable tray should be installed around the perimeter walls of the main data closet.

Q17. Who will provide pathways to Modular Furniture in the Clerk's Area behind the Cashier?

A17. Modular furniture will be installed using a power pole. The power pole will be either a split pole with dedicated space for voice/data or will use shielded electrical runs to allow both electric and low voltage in the same cavity. A vendor has not been selected but contractors bid should reflect a base fed installation for the data/voice. Information regarding details relating to dimensions for knockouts will be supplied later.

Q18. Who is to provide poke thru enclosures for core holes within the (4) courtrooms?

A18. Both the core drill and the enclosure will be supplied by the General Contractor. The enclosure will include a suitable Ethernet receptacle and the contractor will terminate data cable to same. The single pair microphone cable that installs in this enclosure should not be terminated. Termination of this cable will be handled by others.

Q19. What type of poke thru enclosures?

A19. The poke thru will be a Wire Mold Evolution series, fire rated, 6" enclosures.

Q20. Will conduit/flex piping be installed from Judge's Benches to poke thru locations?

A20. Yes, flex pipe will be installed from the Clerk's space at the Judge's bench to each of the two poke thrus.

Q21. Understand data and voice counts from the DETAILED SPECIFICATIONS WIRING LAYOUT SPREADSHEET are to take precedence over floor plans but in areas where floor plans are missing outlets who will be responsible for providing outlet boxes?

A21. The Detail Specification Wiring Layout Spreadsheet does take precedence. The contractor will be responsible for providing outlet boxes for those locations that have not been shown on a drawing.

Q22. Who will be the Daily On-site contact to answer any questions that arise during installation?

A22. A contact list will be provided to allow either on-site communications or phone contact.

Q23. RFB Section 2 Specifications states installation of microphone cabling and 6 pair audio cabling in each of the 4 courtrooms. Where is this cabling being run to?

A23. For the microphone cables, each cable will run from a provided poke thru near each of the Attorney's tables (2 per courtroom) to a location at the Clerk's desk. The Clerk's desk is part of the Judge's bench. For the 6 pair audio cable, this cable will run from the Clerk's desk to the main 1st floor data closet.

Q24. RFB states colors for the Voice and Data jacks, what color should the cable be?

A24. There is no particular color required for the voice or data cabling. Voice and data can be the same color.

Q25. Will copies of the sign in sheet be made available?

A25. Yes –see Amendment # 8

Q26. If the work site closes due to inclement weather will that extend the 30 calendar day schedule?

A26. Yes

Q27. Is this project to be awarded to lowest bidder or are added value options considered?

A27. To the lowest bidder who meet all qualifications of the RFB.

Q28. When is project to be awarded?

A28. ASAP

Q29. Will the bids be opened to the public on the 12<sup>th</sup>?

A29. No

Q30. During the pre-bid meeting it was mentioned that the contractor would be responsible for installing two (2) 50pr 110 blocks in the existing buildings telco room on the first floor. This requirement is not in the current RFP. Will we be responsible for purchasing and installing these materials?

A30. Yes, you will need to install 110 blocks at both ends of the 50 pair run.

Q31. Can you confirm that the “single data/voice room located on the first floor of the [new] building” where all the cables will be run to is room J108/Computer Operations? Can you confirm that this is the location where all of the Category 6 cables will originate?

A31. Room J108 is the origination point for the data and voice cabling.

Q32. Where will the open relay racks be installed in room J108/Computer Operations?

A32. Rack locations will be shown on a drawing that will be supply.

Q33. Based on the specifications in the RFP, you are asking to the contractor provide and install one (1) 19” x 84” relay rack for the patch panels. You are also asking for vertical wire management in the middle of the racks and on either side. Based on our calculations for thirteen Category 6 patch panels at 2RU, one fiber patch panel at 2RU and fourteen horizontal wire management panels at 2RU equals 56 total Rack Units. You have requested only one 19”x84” open relay rack that has the capacity for 45 Rack Units of equipment. We would suggest for design purposes that a second 19”x84” open relay rack be installed to better distribute the communication cabling and patch cords.

A33. You may opt to install 96 port panels. A 23” rack is also available as part of the install.

Q34. In regards to the core holes from room J222 down to the first floor, and from room J108 to the basement, will this require a floor x-ray before drilling?

A34. No x-rays will be required.

Q35. Will all voice and data, microphone and audio drops be piped with

conduit and box or ring or string prior to installation of cabling?

[A35. Building is a combination of ring and string and conduit with ring and string be the predominant configuration.](#)

Q36. During the pre-bid meeting it was stated that the drop chart located in the RFP takes precedence over the floor plans in terms of number of drops. We have found some discrepancies including, but not limited to:

- a. There is one drop located in room J218, but not listed in the chart
- b. The chart 3 of 4 South room DC15 Courtroom Clerks shows three drops in the RFP chart, but none on the floor plan to show the locations
- c. The chart 3 of 4 South room DC16 has a total of 13 drop locations in the RFP chart, however there are only eight drop locations shown on the floor plans.

We and want to confirm that this statement is true.

[A36. The spreadsheet will hold in all cases. Drawings will be provided to show data/voice locations.](#)

Q37. If there will be piped conduit and ring and string at each drop location, and there is a discrepancy in the number of drops and locations on the RFP chart (which takes precedence if question 8 is correct), how will the General Contractor know where to install the drop locations and the number of drops?

[A37. Contractor will be required to install ring and string at any location not prepared by the General Contractor.](#)

Q38. What symbols are used for speaker and audio cabling on the floor plans?

Location of audio cabling is answered in a previous reply.

[A38. Data/voice symbols are included in the same reply.](#)

Q39. Can we get a copy of the legend of all the symbols for the floor plans?

[A39. Yes](#)

Q40. You have asked for a 30-day schedule requirement, which is 20 working days from 7:30am – 4:30pm. It is assumed that we will have complete access to the building and be able to set our racks in room J108/Computer Operations on day one, install all cable in the basement, first floor and second floor, terminate cable at faceplate and MDF, install faceplate, and label and test without any interruptions. This includes the modular furniture. For example, the GC will be completed with painting, the millwork will be completed, the floor boxes will be installed, the modular furniture in room C22 will be installed, etc? Is this a correct assumption?

[A40. No, building will not be completed.](#)

Q41. What will be the status of the general contractor's work when we begin cable installation? Will all the construction be complete?

[A41. No, the building will not be completed.](#)

Q42. On page 19 of the RFP it states that "all patch cords to meet Category 5 specs." Is this correct or should this be category 6?

[A42. This is correct; you will supply cat5 patch cords for the cat6 plant.](#)

Q43. Is the contractor to supply six data patch cords per station – three for the panel side and three for the station side?

A43. Number of patch cords has been answered in a previous reply.

Q44. Where are the cores for cable access for the second and basement levels?

A44. Cores are centrally located in the building. Second floor core will be located near or at room 217. This is a change from room 222. Basement access will be near elevator four's machine room.

Thank you for your interest in doing business with the Maryland Judiciary.

Sincerely,

Karen Hoang  
Procurement Specialist