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ADDENDUM 2

To: All Interested Proposers
From: Araceli Hernandez, Inventory Bid Technician
Date: December 20, 2013
Subject: BID# 13-071, Cabling Services for the New Northwest Annex Building

This addendum has been issued to notify the vendors of the following questions:

1. Are their drawings of the Northwest Annex Building that you can provide to be able to accurately bid this opportunity?

Response: Yes, click on Attachment on the County web page www.epcounty.com; click on bids and more; click on list of bids look and for bid #13-071.

2. I would like to request the Wage Determination number or a copy of the document that should be assigned to this project

Response: Download by clicking the Prevailing Wage Document Link located on the website at www.epcounty.com.

3. What is the estimated budget for the Cabling Services for the New Northwest Annex Building?

Response: At this time that information is unavailable.

4. In regards to the above referenced project and reviewing the provided facility drawings and notes:

Being that the project is a Remodel/Construction, is the cable tray/EMT, and 3-4" OSP Conduit leaving the facility being performed by the awarded Electrical contractor or is the work to be performed by the communications contractor.

Response: Cable tray and conduit will be provided by electrical contractor.

5. If the work is to be performed by the communications contractor, is there any further detail on the 3-4" Conduit system leaving the facility to include footage and where the tie in point is to be performed.

Response: No.

6. On page 13, cable tray is mentioned, whom will provide?

Response: Contractor

7. On Page 18, Cable pathway is mentioned, whom will provide?

Response: Contractor

8. On page 14, a +20% wall jacks are mentioned, per section D, page 28, only 24-24P patch panels are indicated to bid yet the calculation for the quantities of drops (524) +20% suggests, THE COUNTY will need 26 Please advise if we bid 24 or 26?

Response: 26

9. In Appendix A, Section C details (page 27), can you tell us the number of weeks allowed to complete the project (item 4)? Information seems to be missing.

Response: Three weeks

10. On page 28 of the Bid #13-071, we would like to know if the brand Panduit has to be used for this project or can we use equal or better products?

Response: Product must be equal or better

11. Panduit name is mentioned for all the items: Does the fiber, connectors, couplings and LIU' shave to be Panduit? (they do not even manufacture the glass for the fiber).

Response: Product must be equal or better.

12. You are asking for a 8 strand fiber, that is a custom fiber count. Fiber Optic is usually manufactures in multiples of 6, 12, 24, 36, etc. Panduit does not manufacture or OEMs 25-pair cable.

Response: 12 strand of fiber / 25 pair must be equal to better.

13. Cable Cat-6e is nonexistent, a marketing tool, is either Cat-6 or Cat-6A? The MHz (megahertz) of cable performance will clarify this. 250MHz? Again Panduit cable is manufactured by General Cable Corp. and exactly the same cable (Cat-6 no e or A) is more than \$300.00 per box, we are talking about 90 boxes of cables for this project. That is very close to 30k difference, just in cable!! Is the county looking for best price or specific brand name regardless?

Response: Cat 6 plenum equal or better.

14. Jacks are listed as Cat-6e, what are you looking for, Cat-6/Class E? This is Panduit description of their Jacks for the model number CJ688TGBU on those line item Category 6 and ISO 11801 Class E channel standards and ANSI/TIA-568-C.2 Category 6 and IEC 61156-5 Category 6 component standards; IEEE 802.3af and IEEE 802.3at for PoE applications

Response: Cat 6 TX6 plus jack module (CJ688TGBU) equal or better.

15. Last line of that page 28, is asking for manufacturers name for items 1-3, when they already have brand name on them, and if we use other cable's manufacturer than Panduit or general Cable Corp. then the system will carry no warranty.

Response: Product regardless brand name must be equal or better and must carry warranty.

16. Is the county looking for best price or specific brand name regardless?

Response: Both. The County wants equal or better.

17. On the website, purchasing/bids has the prevailing wage link to the 2008 wage rates but on THE COUNTY website the 2012 prevailing wage for construction is found. Which prevailing wage do we use?

Response: Prevailing wage document has been updated.

18. On the Map there is a reference on the floor plan drawing, 2" and 4" conduit, whom will provide?

Response: Electrical Contractor.

19. Also, how many racks will be in each IDF and MDF

Response: Two in MDF one in each IDF.

20. On Page 15, under telecommunications room, lighting and electrical is referenced, do we assume that will be provided by others, is that correct?

Response: Yes.

21. On page 16, referenced "all walls within TR" to be lined with fire rated plywood, whom will provide and install?

Response: Contractor.

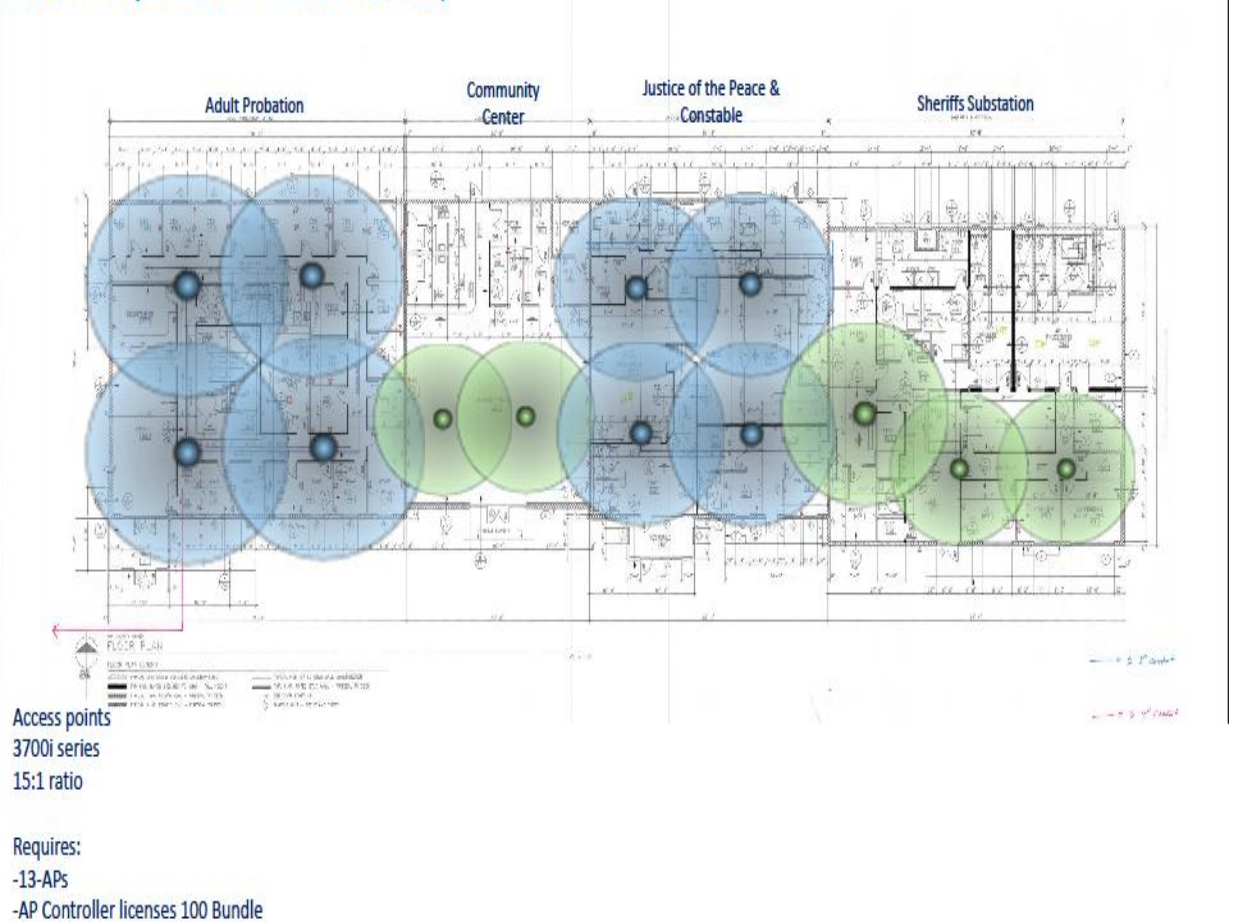
22. On page 20, referenced "grounding" will the EC provide the grounding in each IDFs and MDFs?

Response: Yes.

23. I see 3 TYPES of telecommunications outlets. I see 123 Phone/Data (red triangle) outlets, 5 Power Pole (green square) outlets and 3 Floor Box (orange square) outlets on the hand marked drawing. What are the correct counts for the numbers of outlets?

Response: 126 outlets two data and two voice per outlet, 5 power poles with 4 drop per pole two data and voice, 26 drops for wireless access points (two at each location) see below (Northwest Annex Wireless). 550 total drops (color coded)

**Northwest Annex Wireless
EPC-WIFI (COUNTY Wireless ONLY)**



24. How many phone jacks are required in each TYPE of outlet?

Response: Two.

25. How many data jacks are required in each TYPE of outlet?

Response: Two.

26. What material (plastic, stainless steel, other) for the Phone/Data faceplates?

Response: Plastic.

27. May J-Hooks be used for phone, data and AV cable pathway?

Response: Yes.

28. Are rooms IT 104, IT 313 and IT 408 considered IDFs?

Response: 313 was deleted from plans/ MDF 207 / IDF 104 / IDF 408.

29. Which rooms are to house racks for phone and data cables.

Response: Two racks in 207 / One rack in 104 and one in 408.

30. Which rooms are connected with fiber optic backbone cable?

Response: All of them.

31. Which rooms are connected with copper backbone cable?

Response: All of them.

32. Is ladder rack required in MDF/IDF 207 and the IT rooms?

Response: County will provide 19” x 84 “ floor mounted racks.

33. Which rooms will use floor mount racks?

Response: See # 29.

34. Which rooms will use wall mount racks?

Response: None.

35. What are the firestop requirements?

Response: See page 20.

36. May other structured cabling systems (i.e. Tyco-AMP or Leviton) be used to provide a complete, warranted solution?.

Response: County will accept cabling systems that are equal or better.