

Collin County Sheriff's Office Lobby Renovation Project

Overview:

Collin County is reworking the existing Sheriff's lobby to add bullet proof protection. This work include a temporary data drop. The new data cables are to be run from the existing IDF to new locations in the lobby as scheduled.

General Requirements:

This project will include procurement and installation of cabling per drawings. The installation of new Cat 6e cabling to the lobby will be required. The contractor will be required to terminate the cabling at both ends, label cabling per Collin County standard, patch cables to the existing switches, and provide a cable matrix. The use of additional ports and cabling may be necessary by other vendors but will fulfilled under a separate scope of work.

All CAT 6e cable and data jacks used for the Collin County supplied connections will be blue.

- Vendor will coordinate with Collin County IT project lead and Collin County facilities to complete this project.
- The vendor shall be certified partners of Cisco and Panduit.
- The vendor shall deliver the Cisco switches to the Collin County Infrastructure team for application of configuration settings.
- Collin County will provide an itemized bill of materials needed from vendor to complete project. Any equipment missing from their list and from the low voltage and electrical plans, believed necessary for project completion by the vendor, should be brought to the attention of Collin County.
- All work done is to be based on Collin County standards and Industry best practices. Where the two diverge the Collin County lead will be responsible for making the decision on which to use.
- Vendor is responsible for labeling all equipment and connections according to Collin County specifications.

- Existing network cabling must remain in place until the new network is cutover.
- Vendor is responsible for cleanup and must remove empty boxes and trash daily.
- The cable vendor will pull cable from WC6 IDF to the SO lobby
 - Eight runs total will be made
 - Four of them will be left coiled above the ceiling grid to be used for one of the counter locations
 - Four will be run to the temporary seating location for the SO receptionist
 - After the new lobby area can be occupied, the cable runs to the temporary seating area will need to be pulled back to the second seating position in the lobby
- The cable vendor will supply Panduit data inserts for all terminations in the lobby area
 - Primary drop is blue. Secondary drop is white. Coordinate with CC IT.
 - Terminations to be made using the 568B cabling standard
- The cable vendor will supply Panduit faceplates
- The cable vendor will supply eight seven foot Panduit patch cables, Panduit Part Number: UTPSP7BUY
- The cable vendor will test all cabling and provide test results and provide Collin County with a soft copy and hard copy of test results.
 - Cable vendor will re-test the cabling after the temporary seating location is moved back to the new lobby counter
- Label the data runs based on county label standard, to be provided to the vendor by CC IT prior to cable pulls
- Collin County IT will perform the terminations in the WC6 IDF
 - The cable vendor will coordinate the timing of this work with CC IT and will provide a minimum of a two week notice of when the work needs to be started
- Vendor will run up to 8 new Cat 6e cables from work area outlets to the existing IDF, exact locations to be provided by Collin County on floor plan. Each cable will have a 25' service loop inside IDF.
- Vendor will provide all cable needed for the runs between the work area outlets and the IDF.
- Vendor will provide all equipment indicated on the plans and any accessories needed.
- Cables will be bundled using Velcro.
- Vendor will terminate all cables on Panduit data jacks installed at the workstation (selection of the lobby furniture will drive final confirmation of the data jack type and manufacturer) and at temporary seating location.
- Vendor will leave Panduit patch cables for the use of CC IT from tombstone to device.
- Vendor will provide all tools needed to complete the work as prescribed.
- Vendor will trouble shoot and resolve any problems that arise as part of this project.
- Any deviations from this design must be approved by Collin County.
- Old cabling is to be demolished.
- All personnel working on site at the Collin County Detention Center must pass a County administered background check.

Attachment A – Bill of Materials

Vendor BOM			
Description	part number	quantity	notes
Panduit mini-com TX6 jack module-blue	CJ688TGBU	4	
Panduit mini-com TX6 jack module-white	CJ688TGWH	4	
7' Panduit patch cables	UTPSP7BUY	8	
Termination boxes and faceplates		VIF	number unknown
Panduit Cat 6e cable for workstation to IDF runs		VIF	variable distances

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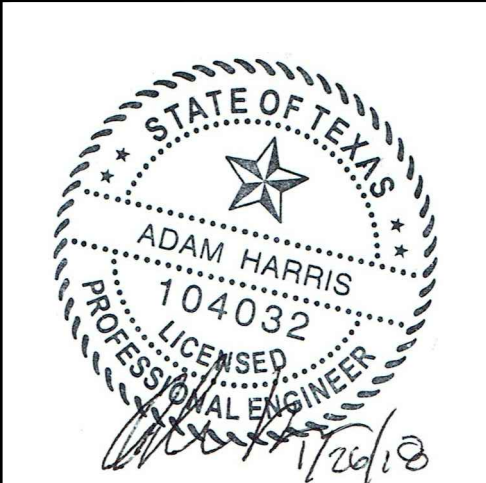
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PROJECT

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DRAWING ISSUE / REVISION

Rev. No.	Description	Date
...	FOR REVIEW	9/22/2017
...	FOR REVIEW	10/05/2017
...	FOR PERMIT	11/15/2017
1	LV SCOPE ADDENDUM	1/31/2018

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Drawing Title

LOW VOLTAGE NOTES AND SCHEDULES

Drawing No.

1

LV2

Scale		
Dwg By	XX	Check By XX
		Comput. Job No. XXXXX