

SECTION 27 05 11
REQUIREMENTS FOR COMMUNICATIONS INSTALLATIONS

PART 1 - GENERAL

1.1 DESCRIPTION

- A. The electrical contractor shall provide junction box at each data outlet with a 1" empty conduit routed up into the accessible ceiling space and over to the cable tray system with bush conduit end and pull strings within the empty conduit system.
- B. The tele / communications contractor shall pull category 6 cabling from each data outlet to the IDF room and make final terminations. Refer to floor plans for locations and quantity of data outlets.
- C. The tele / communications contractor route fiber optic cable from new IDF room No. 317 to existing IDF room No. 1414, The tele / communications contractor shall connect fiber optic cable to existing server equipment located in room NO. 1404. Refer to drawing ET6601 for further information.
- D. The tele / communications contractor shall modify the existing server equipment as required in order to accommodate additional devices being added to the server equipment.
- E. The tele / communications contractor shall provide finish cover plate on data outlet (refer to floor plan for locations).
- F. The tele / communications contractor shall provide fully engineered shop drawings of the proposed work, the shop drawings shall be performed by licensed RCDD.
- G. The electrical contractor shall include in bid all associated work for the tele / communications system.

1.2 WORK PERFORMANCE

- A. The tele / communications contractor shall modify the existing tele / communications server as required in order to accommodate new devices being added to project.
- C. New work shall be installed and connected to existing work neatly and carefully. Disturbed or damaged work shall be replaced or repaired to its prior conditions, as required by Section 01 00 00, GENERAL REQUIREMENTS.
- D. Coordinate location of equipment and pathways with other trades to minimize interferences. See the GENERAL CONDITIONS.

1.3 EQUIPMENT INSTALLATION AND REQUIREMENTS

- A. The electrical contractor shall locate data outlets as close as possible to locations indicated on floor plan.

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