1. GENERAL

1.01 SUMMARY

.1 Provide a complete system of empty conduit, pull boxes, outlets, and sleeves for enclosure of communications cabling.

.2

1.02 RELATED REQUIREMENTS

.1 Section 26 05 33.13 – Conduit for Electrical Systems.

.2 Section 26 05 33.16 – Boxes for Electrical Systems.

.3 27 05 00.00 - Common Work Results for Communications

1.03 REFERENCES

.1 BISCI Telecommunications Distribution Methods Manual, Most resent Edition.

.2 Canadian Standards Association, (CSA International)

1.04 CLOSEOUT SUBMITTALS

.1 Record documentation:

.1 Records of underground utility locates.

.2 Record as-constructed location of all underground conduits and telecommunications pathways on as-built drawings regardless of conduit size.

2. PRODUCTS

2.01 SLIDE OUT ROTATING COMMUNICATIONS CABINETS (SECOND FLOOR IT CLOSET)

.1 Slide Out Rotating Wall mounted cabinets shall be MIDDLE ATLANTIC SRSR-X-30, 30 RU high by 23.14" deep racks.

.2 Each Communications Cabinet to be equipped with two 1U 1.5"H x 5"D 19" Horizontal Cable Manager panels located at the back of the cabinet.

.3 One 3U High by 5.25" Deep Horizontal Cable Managers shall be provided per cabinet. Horizontal Cable Managers are to be steel with dual hinged front door at the front and plastic, radiused cable fingers along its length for patch cable management.

.4 Each cabinet shall be equipped with grounding kit and ground lug to accept #6 AWG grounding wire.

.1 Provide Paint Piercing Grounding Washer Kits and grounding bonding screws for the installation of all grounding components.

.2 Provide a rack jumper kit for every cabinet.

.3 Each cabinet to be provided with two rack PDUs.

.4 The cabinet and all components shall be Black in colour.

3. EXECUTION

3.01 INSTALLATION

.1 Supply all materials and labour for the installation and assembly of all equipment and distribution racks, and cabinets and cable management panels as per the accompanying drawings, tender documents and manufacturer's specifications.

.2 All distribution termination racks and panels to be properly grounded as per manufacturer's specifications and as per Section 27 05 26. Each data rack and panel is to be individually grounded with a minimum of 6 AWG wiring to the communications ground bus located in the associated Computer, LAN or Telecom room. Daisy chained grounding between racks is NOT permitted.

.3 Pull out swing out racks must be able to be pulled out and rotated fully before being affixed to the floor.

End of Section