

## **4 Bulk service**

This kind of service solution is usually applied to projects/buildings that are having their own IT network (single tenant) and system operator such as hotels, hospitals, schools, universities, banks, airports and other similar establishments.

In these type of buildings, the client shall have an own IT server room and dedicated main telecom room with the size of 3m x 3m x 3m (L x B x H) to be allocated for the parties for telecom/network equipment installation.

Letter from the client should be provided during the design stage confirming the bulk service and explaining the service required to be provided up to the client IT room.

The exact requirements related to telecom cabling and EM requirements will be determined during the design stage based on the client's service requirements.

However, the client shall provide the following minimum requirements for bulk services setup:

- Dedicated MTR room with minimum size of 3m x 3m x 3m (L x B x H);
- Installed 19 inch 42U free standing rack at MTR;
- Installed and test 12 core SM Indoor tight buffer fibre cable between MTR & client server room, terminate the 12 core SM fibre cables at both end by using 12 port pre-terminated fibre patch panel;
- 1 to 6 core must be dedicated to connect Etisalat equipment;
- 7 to 12 core must be dedicated to connect du equipment;
- Installed and tested 24 number of Cat6 UTP Copper cables between MTR and client server room;
- 1 to 12 port of copper patch panel must be dedicated to connect Etisalat equipment;
- 13 to 24 port of copper patch panel must be dedicated to connect du equipment;
- Install main and spare Optical Splitter(s) and patch panels as per operator(s) specifications.
- Install 2 number of 12 port SC/APC pre-terminated fibre patch panel to each operator's uplink fibre;
- Client shall provide SC/APC adaptors and pigtail for fibre interfaces