

- Distance between MTR and client server room must be maintained within 70 meter (to avoid 90 meter distance limitation, while provisioning fixed services over Cat6 copper cables);
- Extend 300mm x 50mm HDRF cable tray from MTR to client server room;
- 4 x 13A twin sockets fed from the essential power supply with dedicated 20A circuit breaker;
- 2 number of AC & DC earth bars connected to the dedicated earth pits with resistance less than 1ohm;
- Provide 2 x 40A TP isolator fed with dedicated feeder from essential power supply (EDB);
- Dedicated A/C system (ducted split FCU) with duty & standby units with proper interlocking, to maintain the room temp. at $^{\circ}21C \pm ^{\circ}1C$; It is to be placed over the door.
- Heat dissipation can be considered at 300 Watts/sq. meter. + 3kW per rack;
- 2 nos. handheld CO2 cylinder extinguishers to be provided inside the room;
- Room should be provided with adequate lighting with minimum of 200 Lux at table level;
- Room shall be compliant with the fire and safety requirements like smoke detector, fire alarm, emergency light etc. as per local authority standards. Any water sprinklers to be avoided;
- Raised flooring system requirement shall be advised during design NOC stage by Operators. Refer to **Appendix1- Figure 23** for bulk service set-up layout.

In case of any building transformation that would result in changing the type of service required, the building owner should obtain the Operator's approval by submitting amendment design.