

**CMH IT Infrastructure Services for Furniture and Equipment (F&E)**

This document describes the CMH IT infrastructure services and their technical specifications for vendors who plan to implement Furniture and Equipment (F&E) solutions in the CMH.

The following CMH IT infrastructure services will be provided by other IT contractors:

1. Network Services

- (a) Type of network connections in different area:

<b>Type of network connection</b>	<b>Description <sup>(ii)</sup></b>
Server or network equipment in data centers <sup>(i)</sup>	Speed: 10 Gb/s Connector: Multi-mode LC fiber
Data outlets <sup>(i)</sup>	Speed: 1 Gb/s Connector: RJ45
Network across primary and secondary data centers	Speed: 10 Gb/s
Wireless LAN	Wi-Fi 6

Notes:

- i. Network patch cord will **NOT** be provided.
- ii. Gb/s : gigabit per second; LC : Lucent Connector

2. Data Centre Services

- (a) Data Centre Services include Primary Data Centre in CMH Building and Secondary Data Centre in hosting site.
- (b) EIA standard 19-inch 42U equipment rack (with depth = 1,200mm).
- (c) Mobile cart with monitor and keyboard (with touchpad or trackball) will be available for share use.
- (d) Environment

Indoor temperature	23°C ± 3°C
Indoor relative humidity	50% ± 10%

- (e) Power supply
  - i. Two power distribution units (PDU) with output power connection type IEC 320 C13 and IEC 320 C19 will be available in equipment rack and supported by different Uninterruptible Power Supply (“UPS”)
  - ii. Power cord will **NOT** be provided.

3. Common Infrastructure Services

- (a) Domain Name System (“DNS”)
- (b) Lightweight Directory Access Protocol (“LDAP”) for account authentication
- (c) Network Time Protocol (“NTP”) service