

Microcomputer System

1 **Each set of microcomputer system shall comprise of and be supplied complete with the following minimum requirements as listed below:-**

1.1 The microcomputer system shall be **HP Z2 Tower Workstation** or other **approved equivalent** microcomputer system and shall comprise of and be supplied complete with the requirements are as follows:-

Processor

- Minimum Intel Xeon Processor W-2133 (3.6Ghz turbo, 6C, 8.25MB Cache, HT (140W) DDR4-2666

Operating System

- Windows Professional (Latest Version)

Memory

- Minimum 32GB Memory / 64GB

Video Card

- NVidia Quadro Gharpic Card (Min 8 GB)

Hard Drive

- Minimum 1 TB

Camera

- 720p HD camera with microphone

Interfaces

- **Side Interfaces**
1 Audio combo jack, 1 USB 3.2 Gen 1 Type-A, 1 USB-C
- **Back Interfaces**
1 DC in, 1 HDMI-in, 1 HDMI-out, 1 Kensington lock, 1 RJ45 LAN port, 2 USB 2.0, 1 USB 3.2 Gen 1 Type-A

Peripherals

- Keyboard & Mouse

Power Supply

- 150W AC Adapter

Monitor

- Min 27 inch, Full HD (1080p) 1920x 1200 at 75Hz

LAN

- 10/100/1000 Gigabits Mbps

Warranty

- Limited Hardware Warranty; Standard Next Business Day on Site Service after Remote Diagnosis⁴ (term varies by region); Optional 3-year for IT; service and support.

The system should be complete with monitor, keyboard, mouse, audio and speakers and Network Interface.

2.1.2 Each set of microcomputer shall be supplied with other accessories as below:-

- i. SEAGATE 2.5" 1GB or other approved equivalent external hardisk complete with push button casing or other equivalent for each set of computer system.
- ii. Uninterruptible Power Supply unit capable of minimum 20 minutes of emergency power supply during blackout and complete with built-in surge protection and voltage regulator.

2. Software

2.1 The operating system shall be preloaded latest Microsoft Window Professional and associated installation CD-ROM shall be provided as elow:-

Functions	Print
Printing Method	Laser Beam Printing
Print Speed	21 / 21 ppm (mono/colour)
Print Resolution	600 x 600 dpi
Print Quality	1200 x 1200 dpi
First Print Out	Approx. 10.4 sec
Print Language	UFR II, PCL 6
Auto Duplex Print	Standart
Auto Document Feeder (ADF)	50 sheets (8g/m2)
Paper Input	250 sheets
Paper Output	100 sheets
Paper Weight	50 to 105g/m2 (ADF) 60 to 200g/m2 (cassette & multi-purpose tray)
Standard Interface	USB 2.0 High Speed Wireless Wi-Fi 802.11 b/g/n
Compatible Operating System	Windows 10, Windows 8.1, Windows 7,
Software Included	Printer driver, Toner Status
Device Memory	1 GB
Display	LCD (WVGA Colour LCD 5.0" Touch Screen Display)
Monthly Duty Cycle	30,000 pages
Recommended monthly page volume	150 to 1,500
Print colours	Yes
Print technology	Laser
First Page Out (ready)	Black: As fast as 10.5 sec

- iii. Latest version of Windows operating system;
- iv. Latest Antivirus software;
- v. Latest version of Microsoft Office for Windows (Professional) or latest; and
- vi. Latest version of Microsoft Project.

2.2 All software to be supplied under this Contract shall be **original and legal copies** of the software and licenses shall be registered in the name of department. The contractor shall submit licenses, documentary evidence of the originality and legality of the software

2.3 One (1) Year Limited Warranty (Next Business Day On-Site Service).

3. Printer

3.1 Any microcomputer system equipped with A4 printer shall be supplied with **Canon MF643Cdw** or **other approved equivalent** personal laser printer. The technical Specifications of the equipment are as follows:-