**TABLET SPECIFICATIONS**

The supplier shall supply forty (40) tablets l. The tablet shall comply with the following specifications:

|  |  |
| --- | --- |
| **Item(s)** | **Specifications** |
| **Processor** | Processor: Quad core, 1.83 GHz processing speed or better and 2MB cache or better |
| **Operating system** | **Android** |
| **Internal Storage** | **Minimum 32 GB**  |
| **RAM** | 2 GB or better |
| Screen size | 10 inch or better |
| Resolution | 1920 x 1080 pixels or better |
| Keyboard | Detachable keyboard |
| Camera | * Front – Minimum 2 MP

Back – Minimum 5 MP |
| Support | USB, WiFi, HDMI and Bluetoothaudio and video |
| Battery | * Rechargeable battery,

up to 8 hours (8000 mAh) or better |
| SD card | Incorporate a Micro SD card slot |
| Connectivity | WIFI, 3G/4G/LTE |
| Mouse | wireless mouse |
| Software | Licensed Microsoft Office “Student Version” |

**MOBILE CHARGING UNIT**

Tablets mobile charging trolley sync and charge

• Stores 40 tablets

• AC cooling fan

• Individual AC plugs for each tablet

• Heavy duty casters

• Double front and rear doors for easy access

• Well ventilated to keep units cool during charging

**LAPTOP SPECIFICATIONS**

The supplier shall provide two (2) laptops and that the laptops shall adhere to the following specifications:

|  |  |
| --- | --- |
| **Item(s)** | **Specifications** |
| **Processor** | Minimum Core i5 Processor |
| **Internal Storage** | Minimum 500 GB |
| **RAM** | 4GB or better |
| **Graphic Card:**  | at least 512 MB video memory |
| **Display: 15 inch or higher** | 15”or higher |
|  | Full HD (1920 x 1080 pixels) or better |
| Operating system  | Windows 10 Pro |
| Application software | Licensed Microsoft Office suite |
| Wireless mouse | Yes |
| Carry bag | Yes |

**SERVER SPECIFICATIONS – C3 HYBRID**

|  |  |
| --- | --- |
| **Item(s)** | **Specifications** |
| **Processor** | **Core i5** |
| **Storage** | **2 TB** |
| **RAM** | **4GB or more** |
| **Users** | **300 Users** |
| **Wi-Fi Access Point bgn/ac**  | **Yes - 2X External Antennas** |
| **External Mobile Interface**  | **3/4G** |
| **Ethernet WAN Interface**  | **Yes - 1Gbps Ethernet** |
| **Battery backup** | **Optional** |
| **Educational content** | * **Learning Management System (Moodle)**
* **Offline Educational content**
	+ **Encyclopedia**
	+ **Dictionary**
 |
| **DBE Content** | **Primary or Secondary Department of Basic Education Content to be loaded on the server by the Service Provider** |

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**PRINTER SPECIFICATIONS**

The supplier shall provide one (1) printer, with one (1) spare cartridge, and these printers shall adhere to the following specifications:

1. Printing technology: laser
2. Printing output type: monochrome
3. Functions: copying, scanning and printing
4. Printer speed: up to 30 ppm or better
5. Copier speed: up to 30 ppm or better
6. Scanning resolution: 1200 x 1200 dpi or better
7. Processor: Minimum dual core or better
8. Standard memory: 512 MB or higher
9. Incorporate a PC connection

**PROJECTOR SPECIFICATIONS**

The supplier shall provide a one (1) projector, with one (1) wall mounted screen, and the projector shall adhere to the following specifications:

1. Lumens: 3000
2. Resolution: minimum 1920x1080 pixels
3. Contrast ratio: minimum 1000:1
4. Zoom ratio: minimum 1.5
5. Interface: at least HDMI, USB and RS232

**PROJECTOR SCREEN**

HD projector screen with REMOTE for opening and closing which will accommodate the computer, video, slide, and overhead projection in the classroom.

- 65 Round Housing Case

- Matt White Fabric

- Fabric Thickness: 0.4mm

- Electronic Motor – 220 – 240 V AC

- Wired Remote for Control

- Black Framed and Black-Backed Screen.

- Screen size: 2366\*1429mm

 **DOCUMENT CAMERA/VISUALIZER SPECIFICATIONS - ELPDC13**

|  |
| --- |
|  |
| Image Pick-Up Device  | 1/ 2,7 " CMOS sensor  |
| Effective Pixels  | 1920 Horizontal x 1080 Vertical  |
| Frame Rate  | Max. 30 fps  |
| Optical  | Zoom: Digital 16; Focus: Auto |
| Shooting area  | A3 sized: 297 x 420 mm  |
| Image Resolution output  | SXGA(1280\*1024)/XGA(1024\*768)/WXGA 16:10 (1280\*800)/WXGA 16:9 (1360\*768)/1080p (1920\*1080), 480p/ 720p/ 1080p  |
| Image adjustments  | Auto Exposure, Black and White, Brightness Adjustment, Contrast Adjustment, Image Rotation, Microscope mode  |
|  |
| Connectivity interfaces  | USB 1.1 Type B, VGA in, VGA out, HDMI out, built-in microphone, SD memory card, blank  |
| PC-free image viewer  | View images from internal or supported external memory  |
| Image storage  | SD/SDHC compatibility (128MB-32GB)  |
| Features  | Auto focus, Freeze, Parallel video output, SD card viewer, Split screen, Zoom  |
| Security  | Kensington lock, Security bar, Security cable hole  |
| Power consumption  | 13 Watt, 0,5 Watt (standby)  |
| Product dimensions  | Folded: 367 x 122 x 120 mm (Width x Depth x Height), Operating: 270 x 317 x 447 mm (Width x Depth x Height)  |
| Illumination  | LED lights  |
| Included software  | Easy Interactive Tools, TWAIN driver for Epson Document Camera (for Windows)  |

**NB – INSTALLATION**

**Disclaimer: Where applicable, all software required by the various ICT equipment shall be installed by the supplier. All software shall be licensed at the cost of the supplier. Projector and screen to be mounted. Content server to be uploaded with the Department of Basic Educations (DBE) educational content.**