

**Annex 4: Goods and services specification for SSDP –TA Facility (TA-9215) IT supply**

(A) List of IT equipment to be supplied are as below:

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| --- | --- | --- | --- | --- |
| **Item Number** | **Description** | **Unit** | **Number** | **Specifications** |
| 1 | Laptop Computer  | Set | 2 | Specification separately mentioned in **TABLE NUMBER 3** |
| 2 | License Cost | Set | 2 | GTI License ( Windows + Microsoft Office ) - (Details in Annex-2) |
| 3 | Monitors  | Set | 4 | 22 inch Monitor: E2218HN or Equivalent |
| 4 | Keyboards | Set | 4 | Multimedia Keyboard-KB216 or Equivalent |
| 5 | Mouse/pad | Set | 4 | Optical Mouse- MS116 with Mouse Pad or Equivalent |
| 6 | Headphone | Set | 2 | Standard Headphone |
| 7 | Multi Function Photocopier  | nos | 1 | Specification separately mentioned in **TABLE NUMBER 2** |
| 8 | Network Duplex Printer  | nos | 1 | HP LaserJet Pro MFP M130fw printer or Equivalent |
| 9 | Projector  | nos | 1 | Lumens 3000,15,000:1 with dynamic contrast on, Resolution XGA 1024 x 768, efficient lamp for up to 10,000 hours. Connectivity I/O; HDMI x 1, 1 x VGA In ,Wired LAN port 1 x RJ-45 |
| 10 | Router | nos | 1 | Cisco CVR100W Wireless-N router or Equivalent |
| 11 | Power Backup Inverter | Set | 1 | 2.5 KVA with 2 units of 150ah Battery (4 hours Backup at 80% Load) |

(B) TABLE NUMBER 2

Additional specification of Multi-Function Printer (Item number 7 of table above)

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| **Type** | **Monochrome Multi-Function Printer ( Print, copy, scan )** |
| Maximum Original Size | A3 |
| Copy Sizes | Tray 1: | B4, A4, A4R, B5, B5R, and A5R |
| Tray 2: | A3, B4, A4, A4R, B5, B5R, A5R |
| Bypass Tray: | A3, B4, A4, A4R, B5, B5R, A5R, Custom size (99 x 148mm to 297 x 431.8mm), and Envelopes |
| Resolution | Reading: | 600 x 600dpi |
| Copying: | 1200 x 600dpi |
| Printing: | 1200 x 1200dpi |
| Copy / Print Speed  | A4: | 25 ppm |
| A3: | 15 ppm |
| Warm-Up Time | From Power On: | 30 seconds or less |
| From Sleep Mode: | 15 seconds or less |
| Paper Capacity | Tray 1 | 500 sheets or more (80gsm) |
| Tray 2 | 500 sheets or more (80gsm) |
| Bypass Tray | 80 sheets (80gsm) |
| Large capacity Feeder: | 2,000 sheets or more (80gsm) |
| Memory | Minimum: | 1.5 GB RAM |
| Maximum: | 2 GB RAM |
| Hard Disk Drive | Minimum: | 160GB  |
| Maximum: | 320 GB  |
| Interface | Ethernet (1000BaseT / 100Base-TX / 10Base-T) USB2.0 |
| Toner Output | 25,000 Pages or more |
| Drum Life | 125,000 pages or more |
| **Print Specification** |
| Resolution | 1200 x 1200dpi |
| Memory | Standard: | 1.5 GB RAM |
| Maximum: | 2 GB RAM |
| Hard Disk | Standard: | 160GB  |
| Maximum: | 320 GB  |
| Direct IP Printing | Yes |
| Supported OS | Windows XP, Windows Vista, Windows 7, Windows 8, Windows Server 2003, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012 |
| UFR II | Windows XP, Windows Vista, Windows 7, Windows 8, Windows Server 2003, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Mac OSX (10.4.9 or later) |
| Interface | Ethernet (1000BaseT / 100Base-TX / 10Base-T) USB 2.0 |
| Pull Scan | Scan to file, scan to USB, scan to email |
| **Scan Specification** |
| Scan Speed  | Black & White / Colour: | 50 IPM or more |
| Resolution | 600 x 600dpi |
| Destinations | E-Mail / Internet FAX (SMTP), PC (SMB, FTP), iWDM, WebDAV |
| File Format | TIFF, JPEG, PDF, XPS |
| Document Feeder | Automatic Duplex Document feeder |
|  |  |

(C) TABLE NUMBER 3

Specification of Laptop Computer

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| **General Specification of Laptop** |
| **Processor** | Intel® i5-8350U Processor (Quad Core, 6M Cache, 1.7GHz,15W) |
| Desktops/Laptops with Intel® 7th & 8th Generation CPU (Skylake & Coffee Lake) |
| **Memory** | 8GB, 1x8GB, 2400MHz DDR4 Memory |
| **Display** | 31.7cm (12.5") HD (1366 x 768) Anti-Glare (16:9) WLED, 200 nits, non-touch, Magnesium Alloy LCD Back |
| **Hard drive** | M.2 256GB PCIe NVMe Class 40 Solid State Drive |
| **Graphics** | Intel® Integrated HD Graphics 620 |
| **Security** | TPM 2.0 Security |
| **Connectivity** | 10/100/1000 Gigabit Ethernet |
| Intel® Dual-Band Wireless-AC 8265 Wi-Fi + BT 4.2 Wireless Card (2x2) |
| **Battery** | Primary 4-cell 60W/HR Battery |
| **Adapter** | 65W AC Adapter, 3-pin |
| **Input Device** | Single Pointing, 82 key with No Smartcard or Fingerprint Reader with DisplayPort over Type C |
| **Ports, Slots & Chassis** | 1. One HDMI 1.4 port |
| 2. 2x USB 3.1 Gen 1 (one with PowerShare) |
| 3. Ethernet Port RJ45 |
| 4. Nobel Wedge lock slot |
| 5. uSD 4.0 Memory card reader |
| 6. DisplayPort over USB Type C™ with optional Thunderbolt™ 3 |
| **Systems Management** | Intel® vPro™ Technology (iAMT 11.6) |
| **OS** | Microsoft Windows 10 Professional |
| **Minimum Warranty** | Three Year Basic Hardware Onsite Service |