



KENYATTA NATIONAL HOSPITAL
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Date: February 21, 2023

Ref: KNH/SCM/ADM.43

ADDENDUM 1

RE: ADDENDUM TO TENDER NO: KNH/T/104/2022-2023, SUPPLY AND DELIVERY OF END USER COMPUTING DEVICES.

To: ALL BIDDERS

Pursuant to the Public Procurement and Asset Disposal Act section 75, its attendant Regulations 2020 and Clause 5 on Amendment of Tender Documents, the Hospital wishes to make the following amendments/clarifications;

**1. ADDITIONAL TECHNICAL SPECIFICATIONS TO END USER COMPUTING DEVICES
MAMA MARGARET UHURU HOSPITAL (SCHEDULE B)**

Additional Specifications for the Items stated in the tender document under Schedule B, Mama Margaret Uhuru Hospital are listed below:

1. (UPS)

| Item | Description | Bidder's response <i>The bidder should clearly explain how the proposed solution meets the specifications in this tender(Attach the relevant and highlighted brochure)</i> |
|------------------------------------|--|---|
| Power Capacity | 450 W/800 VA | |
| Output Voltage on Battery | 230VAC +/-10% | |
| Output Frequency Range (Sync Mode) | 50 Hz or 60 Hz +/- Hz | |
| Topology and Output Waveform | Line interactive | |
| Output Connections | 4 Universal Battery Backup Outlets | |
| Input Voltage Range | 170-280(V) | |
| AC Input Circuit Breaker Minimum | 7 A | |
| AC Input Fuse Minimum | 10 A | |
| Cord Length Minimum | 1.5(m) | |
| Battery Type | 12 V/7 Ah X1 | |
| Typical recharge time | 6-8 hours | |
| Packaging | Packaging CD Manual, Main unit, Power cable, Setup guide | |
| Warranty | Two (2) Years, Proof of Warranty must be provided | |
| | Detailed and highlighted brochures MUST be submitted. | |

2. FLATBED DOCUMENT SCANNER

3.

| Item | Description | Bidder's response <i>The bidder should clearly explain how the proposed solution meets the specifications in this tender (Attach the relevant and highlighted brochure)</i> |
|--------------------------------------|--|--|
| Scanner type | Flatbed, ADF | |
| Digital sending standard features | Scan to PC | |
| Scan resolution, optical | Up to 600 dpi (colour and monochrome, ADF); Up to 1200 dpi (colour and monochrome, flatbed) | |
| Scan resolution, hardware | Up to 600 x 600 dpi (colour and monochrome, ADF); Up to 1200 x 1200 dpi (colour and monochrome, flatbed) | |
| Duty cycle (daily) | Up to 1,500 pages (ADF) | |
| Bit depth | 24-bits external 48-bits internal | |
| Automatic document feeder scan speed | Up to 20 ppm/40 ipm (black & white, grey and colour, 300 dpi) 1 | |
| Scan size (ADF), maximum | 216 x 3100 mm | |
| Scan size, maximum | 216 x 297 mm | |
| Scan size (ADF), minimum | 89 x 148 mm | |
| Scan size, minimum | 25.4 x 25.4 mm | |
| Automatic document feeder capacity | Standard, 50 sheets | |
| Duplex ADF scanning | Yes | |
| Scan file format | For text and images: PDF, JPEG, PNG, BMP, TIFF, TXT(Text), RTF (Rich Text) and searchable PDF | |
| Scan input modes | Scan front-panel function: Save as PDF, Save as JPEG, Email as PDF and Send to Cloud; HP Scan in Windows OS, HP Easy Scan/ICA in Mac OS and third parties applications via TWAIN | |
| Color scanning | Yes | |
| Scan technology | CMOS CIS (Contact Image Sensor) | |
| Media size (ADF) | A4; A5; A6; B5; B5 (JIS) | |
| Media types | Paper (banner, inkjet, photo, plain), envelopes, labels, cards (greeting, index) | |
| Cables | Power cord 3-PIN USB cable | |
| Warranty | One (1) Year, Proof of Warranty must be provided | |
| | Detailed and highlighted brochures MUST be submitted. | |

3. MONOCHROME PRINTERS

| Item | Description | Bidder's response <i>The bidder should clearly explain how the proposed solution meets the specifications in this tender(Attach the relevant and highlighted brochure)</i> |
|---------------------------------|--|---|
| Functions | Print | |
| Print speed black | Up to 38 ppm | |
| Duplex printing | Automatic | |
| First page out black | As fast as 6.3 sec | |
| Duty cycle (monthly, A4) | Up to 80,000 pages | |
| Print quality black | Fine Lines (1200 x 1200 dpi) | |
| Print languages | HP PCL 6, HP postscript level 3 emulation, PDF, URF, PWG Raster | |
| Print technology | Laser | |
| Connectivity, standard | 1 Hi-Speed USB 2.0; 1 host USB at rear side; Gigabit Ethernet 10/100/1000BASE-T network; 802.3az(EEE) | |
| Network capabilities | Built-in 10/100/1000Base-TX Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1X | |
| Display | 2-line backlit LCD graphic display | |
| Processor speed | 1200 MHz | |
| Maximum Memory | 256 MB | |
| Memory | 256 MB | |
| Internal Storage | None | |
| Storage | Optional Job storage via external rear host USB port (Minimum 16 GB) | |
| Paper handling input, standard | 100 sheet multipurpose Tray 1, 250 sheet input Tray 2 | |
| Paper handling output, standard | 150 sheet output bin | |
| Media types | Paper (plain, EcoFFICIENT, light, heavy, bond, coloured, preprinted, prepunched, recycled, rough); Envelopes; Labels | |
| Media sizes supported | Tray 1, Tray 2: A4; A5; A6; B5 (JIS); B6 (JIS); 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); 10 x 15 cm; Oficio (216 x 340 mm); Postcards (JIS single, JIS double); Envelopes (DL, C5, B5); Optional Tray 3: A4; A5; A6; B5 (JIS); B6 (JIS); 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); 10 x 15 cm; Oficio (216 x 340 mm); Postcards (JIS single, JIS double); Automatic duplexer: A4; B5; 16K (195 x 270 mm, 184 x 260 mm; 197 x 273 mm); Oficio (216 x 340 mm) | |
| Number of print cartridges | 1 (black) | |
| Power | 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz) | |

| Item | Description | Bidder's response <i>The bidder should clearly explain how the proposed solution meets the specifications in this tender(Attach the relevant and highlighted brochure)</i> |
|----------|---|---|
| Cables | Power cord 3-PIN USB cable | |
| Warranty | One (1) Year, Proof of Warranty must be provided | |
| | Detailed and highlighted brochures MUST be submitted. | |

4. THERMAL RECEIPT PRINTER

| Item | Description | Bidder's response <i>The bidder should clearly explain how the proposed solution meets the specifications in this tender(Attach the relevant and highlighted brochure)</i> |
|--------------------------|--|---|
| Printing Method | Direct thermal printing | |
| Printing Speed | 300mm/s | |
| Print Resolution | 203dpi (8 dots/mm) | |
| Effective Printing Width | 72mm & 64mm | |
| Printing Density | 504 dots/line or 576 dots/line | |
| Print font | ASCII Font A:12x24, ASCII Font B:9x24 | |
| Character per line | Font A-42 lines or 48 lines/Font B-56 lines or 64 lines/Chi- nese-21 lines or 24 lines | |
| Paper width | 79.5±0.5mm | |
| Paper Roll Diameter | Φ80mm | |
| Interface: | USB ,Serial ,Parallel,Ethernet | |
| Power supply | DC 24V,2.5A | |
| Cables | Power cord, USB | |
| Warranty | One (1) Year, Proof of Warranty must be provided | |
| | Detailed and highlighted brochures MUST be submitted. | |

Original information literature, complete and in English language where applicable should be properly bound in the Tender Document and submitted.

NOTE: THE TENDER OPENING AND CLOSING DATE REMAINS TO BE ON 7TH MARCH, 2023 AT 10:00AM EAST AFRICAN TIME.



Rose M. Njoroge, OGW
FOR: CHIEF EXECUTIVE OFFICER