**APPOINTMENT OF A SERVICE PROVIDER FOR THE SUPPLY, DELIVERY, INSTALLATION, EXTENSION & COMMISSIONING OF FAOR SSS & EMERGENCY TOWER DISASTER RECOVERY AIR TRAFFIC CONTROL TOPSKY POSITIONS**

**REQUEST FOR PROPOSAL: ATNS/ RFP033/FY22.23/DISASTER RECOVERY TOPSKYPOSITIONS**

**PRICING SCHEDULE-VOL1C-ANNEXURE B**

**BIDDERS NAME:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Item** | **Description**  | **Qty** | **Exc VAT** | **VAT** | **Incl VAT** |
| **1** |  **Project Management**  |  |  |  |  |
| 1.1 |  Project Management, Admin & Engineering Services  | Lot |  |  |  |
| 1.2 |  Installation Management Plan  | 1  |  |  |  |
| 1.3 |  Shipping, Insurance & Associated  | Lot |  |  |  |
| 1.4 |  System Design review  | 1  |  |  |  |
|  |   |   |  |  |  |
| **2** |  **Integrated Logistic Support**  |  |  |  |  |
| 2.1 |  Integrated Logistic Support Plans  | Lot |  |  |  |
| 2.2 |  Logistic Support Cost During PBU  | 1  |  |  |  |
|  |   |   |  |  |  |
| **3** |  **Installation & Commissioning**  |  |  |  |  |
| 3.1 |  Installation & Commissioning Including SAT  | Lot |  |  |  |
|  |   |   |  |  |  |
|  |  **ATC Display System Software, Licenses & Hardware**  |   |  |  |  |
|  |  |   |  |  |  |
| **4** |  **Software & Licenses**  |  |  |  |  |
| 4.1 |  HP RGS Sender Static License (For graphic streaming of VM)  | 24  |  |  |  |
| 4.2 |  Nvidia QUADRO VDWS PERPETUAL LICENSE, 1 CCU  | 24  |  |  |  |
| 4.3 |  Nvidia QUADRO VDWS PRODUCTIONS SUMS 3 YEAR 1CCU - Mandatory  | 24  |  |  |  |
|  |   |   |  |  |  |
| **5** |  **Consoles**  |  |  |  |  |
| 5.1 |  Gorgy LEDI 2S Digital Console Clock with NTP Input  | 6  |  |  |  |
| 5.2 |  ATC Single Controller Console (Similar look, feel and Setup to existing Console) | 4  |  |  |  |
| 5.3 |  Full House Graphite with posture fit ATC Chairs | 6 |  |  |  |
|  |  |  |  |  |  |
| **6** |  **Monitors & Displays**  |  |  |  |  |
| 6.1 |  Eizo Flexscan 24" 1920 x 1200 Display (16:10)  | 5  |  |  |  |
| 6.2 |  PE-C Series 46” Edge-Lit LED Display  | 4  |  |  |  |
| 6.3 |  Eizo Raptor RP2425 24" 1920 x 1200 (16:10) High Brightness Display (Projected capacitive touch panel)  | 2  |  |  |  |
| 6.4 |  Eizo Raptor SQ2825 2Kx2K Display - Desktop Mount  | 4  |  |  |  |
| 6.5 |  Samsung Set Back Box for LE46C -  | 4  |  |  |  |
| 6.6 |  Display port DVI Dual link Active Adaptor 2Kx2K resolution  | 4  |  |  |  |
|  |   |   |  |  |  |
| **7** |  **Computers**  |  |  |  |  |
| 7.1 |  HP z4g4, 1P Xeon W-2123 3.6GHz, 4C, 16GB DDR4, 2x 1TB SATA, 4 NIC (1x 4P NIC), Quadro P600, Mouse  | 7  |  |  |  |
| 7.2 |  HPE OEM DL380pG10, 2P Xeon-G 5120 2.2GHz 14C, 256GB DDR4, 2x300GB + 2x 1.2TB SAS Drives, 2x 2p 10G NIC ports, DVD-RW, 2x800W P/S, 2xNVIDIA Tesla P40  | 2  |  |  |  |
| 7.3 |  HPE OEM Proliant DL360pG10, 2P Xeon-G 5120 2.2GHz 14C, 192GB DDR4, 2x300GB + 2x 1.2TB SAS Drives, 2x 2p 10G NIC ports, DVD-RW, 2x500W P/S  | 1  |  |  |  |
| 7.4 |  HP t630 AMD Radeon 8G RAM 32 MLC Flash memory AMD Radeon R7E graphics WLAN: Intel Dual Band Wireless-AC 3168  | 21  |  |  |  |
|  |   |   |  |  |  |
| **8** |  **Strip Printers**  |  |  |  |  |
| 8.1 |  IER 400B Flight Strip Printer with display (Firmware version PR92116 Version 1.00)  | 2  |  |  |  |
|  |   |   |  |  |  |
| **9** |  **Network Switches & Routers**  |  |  |  |  |
| 9.1 |  Network Equipment Cabinet (to fit supplied Network equipment) | 1  |  |  |  |
| 9.2 |  Cisco Catalyst 2960 8 Ethernet 10/100 ports 1SFP LAN Base Image  | 1  |  |  |  |
| 9.3 |  Cisco Catalyst 2960x 24 Ethernet 10/100/1000 / 4 X 1GB SFP Uplinks LAN Base Image  | 1  |  |  |  |
|  |   |   |  |  |  |
| **10** |  **Data Splitters**  |  |  |  |  |
| 10.1 |  G&D DVIMUX2-DL-MC2-USB MultiChannel DVI-DL KVM Switch (USB) - Desktop model (includes cable set)  | 4  |  |  |  |
| 10.2 |  G&D DVIVision-KVM with 2x DVI-SL, USB, RS232, Audio up to 140m (3 x cat 5 RJ45) (Receiver) Fibre  | 2  |  |  |  |
| 10.3 |  G&D DVIVision-KVM with 2x DVI-SL, USB, RS232, Audio up to 140m (3 x cat 5 RJ45) (Transmitter) fibre  | 2  |  |  |  |
| 10.4 |  ARUBA 340 Series AP-345 (US) FIPS/TAA Dual 4x4: 4 MU-MIMO Radio Internal Antenna Smart Rate Unified Campus AP  | 2  |  |  |  |
| 10.5 |  G&D DP1.2-MUX4-MC2-USB (P/N A2100174)  | 4  |  |  |  |
| 10.6 |  G&D DVIMUX4-DL-MC2-USB (P/N A2100104)  | 4  |  |  |  |
| 10.7 |  G&D DP1.2-MUX2-USB (P/N A2100169)  | 16  |  |  |  |
|  |   |   |  |  |  |
| **11** | **Optional Training**  |  |  |  |  |
| 11.1 | Training  | Lot |  |  |  |
|  |   |   |  |  |  |
| **12** | **Optional Pilot Positions** |  |  |  |  |
| 12.1 |  Project Management, Admin & Engineering Services  | Lot |  |  |  |
| 12.2 |  Shipping, Insurance & Associated  | Lot |  |  |  |
| 12.3 |  Installation & Commissioning  | Lot |  |  |  |
| 12.4 |  HP z4g4, 1P Xeon W-2123 3.6GHz, 4C, 16GB DDR4, 2x 1TB SATA, 4 NIC(1x 4P NIC), Quadro P600, Mouse  | 3  |  |  |  |
| 12.5 |  Eizo Flexscan 24" 1920 x 1200 Display (16:10)  | 3  |  |  |  |
| 12.6 |  HPE OEM Proliant DL360pG10, 2P Xeon-G 5120 2.2GHz 14C, 192GB DDR4, 2x300GB + 2x 1.2TB SAS Drives, 2x 2p 10G NIC ports, DVD-RW, 2x500W P/S  | 1  |  |  |  |
| 12.7 |  HP t630 AMD Radeon 8G RAM 32 MLC Flash memory AMD Radeon R7E graphics WLAN: Intel Dual Band Wireless-AC 3168  | 3  |  |  |  |
|  |   | **TOTAL** |  |  |  |

Including the following:

Electrical Works and Supplies including A & B power source from main distribution to the new consoles/racks with associated electrical CoC.

Static switches for the new consoles and racks.

Networking points for the new consoles.

Current CWPs/Pilot consoles to be Re-arranged at FAOR SSS to make space to accommodate the new positions

Bidders to include any other costing to meet the full scope of works