**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