***2. TECHNICAL SPECIFICATIONS***

The bidder shall follow the following technical requirement and other requirement.

|  |  |  |  |
| --- | --- | --- | --- |
| **01.DESKTOP COMPUTER – 100 Nos** | | | |
| **Components   Description** | **Minimum Requirements** | **Bidder Response   (Yes/No)** | **Bidder's Response If No Only** |
| Make | Should be a Branded Product (with ISO 9000 certification for manufacturing) |  |  |
| Model | Specify |  |  |
| Country of Origin | Specify |  |  |
| **System Unit** | | | |
| Chassis | Micro tower |  |  |
| Processor Family | Processor Intel i5 - 10400  10th Generation |  |  |
| External rated clock speed | Base frequency 2.7 – 4.3 GHz |  |  |
| Cache memory | 12 MB |  |  |
| Main Memory | 8GB 2666MHz DDR4 |  |  |
| Chipset | Intel Q470 or equivalent or better |  |  |
| Hard Drive | 1TB HDD 7200 RPM |  |  |
| IO Ports | 1 PCI Express x 16,  1 PCI Express x 1 or 1 PCI M.2 Slots  4 External USB 3.1, 2 External USB 2.0 |  |  |
| Network Interfaces | Integrated Gigabit Ethernet LAN with RJ45 connector |  |  |
| 802.11ax/ac/a/b/g/n Wi-Fi |  |  |
| Graphic | Integrated Intel UHD Graphics 630 |  |  |
| Video ports | VGA or HDMI or Display port |  |  |
| DVD Drive | No need |  |  |
| Audio Interface | Integrated High Definition Audio |  |  |
| Operating Voltage | 160V to 240V (50/60Hz) |  |  |
| Security Features | Manual Lockable side openings |  |  |
| Keyboard | USB Keyboard |  |  |
| Mouse | USB optical mouse |  |  |
| Operating System | Genuine Windows 10 PRO OEM 64 Bit |  |  |
| Software (Optional – quote price separately) | Genuine LTSC Microsoft Office Professional Plus 2021 (Academic) |  |  |
| **Monitor** | | | |
| Make | Should be the same brand |  |  |
| Model | Specify |  |  |
| Diagonal viewing size | 18.5 inches |  |  |
| Display type | Specify |  |  |
| Display features | Anti-glare, Anti-static. |  |  |
| Optimal Resolution | HD |  |  |
| Brightness | 250 nits |  |  |
| Backlight | LED |  |  |
| Connectivity | VGA or HDMI or Display port |  |  |
| Operating Voltage | 160V to 240V (50/60Hz) |  |  |
| **Other features** | Having a service centre in Jaffna or close proximity area is preferred |  |  |
| Brochures / Technical documents supporting offered features must be provided |  |  |
| Should be an Authorised supplier of the quoted brand (Document proof from the manufacturer should be provided) |  |  |
| **Warranty** | 3 Years comprehensive manufacturer onsite warranty (Collect and Return) |  |  |
| **Unit Price** | **Specify** |  |  |
| **Vat** | **Specify** |  |  |