Form-6

# Technical Specification of Goods

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| Code | Requirements | Goods proposed by Bidder(specification, description, comments, links to manufacturer site, etc. Should demonstrate full compliance of Goods with NIRAS requirement) |
| **01.00** | **Working place** | **Working place** |
| 01.10 | Personal computer PC (set) - warranty at least 36 months. Required level of warranty support - Next Business Day or equivalent (fixing or equipment replacement on site)Component requirements: |  |
| 01.11 | Processor: at least dual core processornot more than 35W TDP not less than 3.1 GHz at least 4MB - 3th level cash |  |
| 01.12 | RAM: at least 4GB at least - 2400GHztype - DDR4 or equivalent |  |
| 01.13 | Hard drive):type – HDD capacity - at least 500 GBrotation speed - at least 7200RPMat least 32MB cash |  |
| 01.14 | Video Card: at least HD graphics 4000 or equivalent output: D-sub(VGA)/DVI or HDMI (should be compatible with the video input of monitor - 01.50) |  |
| 01.15 | Network adapter: 1 GB |  |
| 01.16 | Power supply: certified power supplies with minimum capacity of '80 Plus'. In order to match system output (www.80plus.org)Power cord - Schuko (compatible with UPS outputs 01.60) |  |
| 01.17 | Network patch-cord: at least - CAT5e RJ45 UTP, preferable color - white/graylength - at least 3m |  |
| 01.18 | PC case:width - not bigger than 150mm height: - not bigger than 370mm |  |
| 01.19 | Pre-installed licensed MS Windows 10 Pro 64-bit |  |
| 01.20 | Keyboard:keyboard with a minimum number of buttons – 101. Keyboard layout – 'QWERTY' in Latin and Cyrillicinterface - USB |  |
| 01.30 | Computer mouse: two basic buttons + clickable scroll wheel mouse with 1000 dpi laser trackingcable length - at least 1.5 mform-factor: symmetricinterface - USB |  |
| 01.40 | Monitor:at least 21,5” diagonal (but not more than 23,8");matrix type: PLS, IPS or better;response time: not more than 8msresolution: at least 1920 ppi x 1080 ppi matrix coating: matt Interface: D-sub(VGA)/DVI or HDMI/DP input (should match the video card requirement 01.14) brightness: not lower than 250 cd/m2, contrast: no lower than 1000: 1TCO Compliant;Power consumption: no higher than 30 WVideo Cable (input) - D-sub(VGA)/DVI or HDMI/DP (should match 01.14);Power cord - Schuko or compatible (compatible with UPS outputs 01.60)Warranty: at least 36 months. . Required level of warranty support - Next Business Day or equivalent (fixing or equipment replacement on site) |  |
| 01.50 | UPS: Power output - at least 500VAForm of the output voltage – sinusoidal/approximated sinusoidalSockets – min. 3 pcs (Schuko - compatible with power inputs of 1.50 and 1.16), Case - towerPower cord - ShukoWarranty period – at least 24 months. |  |
| **02.00** | **Flash memory** | **Flash memory** |
| 02.01 | Flash memory: Capacity - at least 8GB USB 3.0 Minimum write speed – 20 MB/sRead speed – 60 MbpsWarranty - at least 12 months |  |
| **03.00** | **Office compact multifunction laser printer/scanner/photocopier (MFU)** | **Office compact multifunction laser printer/scanner/photocopier (MFU)** |
| 03.01 | Office compact multifunction laser printer/scanner/photocopier (MFU): - minimum 600x600 dpi (or 1200x1200 dpi, avoid mixing)- support via USB port and via local network - print speed: not less than 30 ppm- copy speed: 30 ppm- first-page-out time: not more than 8 seconds- equipped with a duplex;- network patch-cord (at least - CAT5e RJ45 UTP, length - at least 3m);- USB cable (compatible with the MFU USB-port);- power cord (Shuko); - additional cartridge (cartridges) for printing at least 4000 pages- supplier shall indicate approximate cost of printing (for one page) and specify the type and price for a compatible printer cartridge;Warranty - at least 12 months |  |
| **04.00** | **Network Supplies** | **Network Supplies** |
| 04.10 | Configurable switch, with 24 ports not worse10/100 with VLAN, QoS support, Power cord (Shuko) Warranty - at least 12 months |  |
| 04.11 | Configurable switch, with 16 ports not worse 10/100 with VLAN, QoS support, Power cord (Shuko) Warranty - at least 12 months |  |
| 04.12 | Configurable switch, with 48 ports not worse 10/100 with VLAN, QoS support, Power cord (Shuko) Warranty - at least 12 months |  |
| 04.20 | Router: speed via wireless channel – not slower than 300 Mbit/s, speed via LAN – at least 100 Mbps, at least 1 WAN port and 4 LAN ports, at least 2 external antennas, firewall, MAC filtering in addresses and domains, IP and MAC binding, scheduling access, rule management, remote control, IP address reservation, PPPoE protocol support2.4 GHz radio frequencyPower cord/power supply should be includedWarranty - at least 12 months |  |
| 04.30 | UPS for supporting network equipment: Power output - at least 500 VAForm of the output voltage – sinusoidal/approximated sinusoidalSockets – min. 3 pcs (Schuko - compatible with power inputs of 04.10-12 and 04.20), Case - towerPower cord - ShukoWarranty period – at least 24 months |  |

Dated this \_\_\_\_\_\_\_\_\_\_\_\_\_\_day of \_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ 2019.

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*[signature over printed name] [in the capacity of]*

Duly authorized to sign Bid for and on behalf of *[name of company]*