

Technical Specifications

| Procurement of Desktop Computers | | | |
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| BRANDED AND BRAND - NEW DESKTOP COMPUTER | | | |
| Item | Minimum Specifications | Supporting Documents to be Submitted (Please indicate the page no. and paragraph no. in your proposal) | Statement of Compliance |
| ISO Certification | Manufactured by an ISO 9001 or ISO 9002 certified Personal Computer Factory as to where it is manufactured | Certified true copy of ISO certification | |
| Quality Assurance | <ul style="list-style-type: none"> ● Any globally recognized brand that supplies to internationally known Desktop and Laptop manufacturers such as but not limited to HP, Samsung, Apple, Lenovo, Dell, Acer, Asus, etc.; and has been marketed in the Philippines for the last 10 years. ● Each major part or component (i.e. motherboard, hard drive, optical drive, memory, power supply, casing, monitor, keyboard, mouse, etc.) must be identified by a manufacturer part number clearly printed on a label firmly placed on the part or component. ● The manufacturer must have a website for its parts or components where the part numbers and descriptions can be viewed by the service provider and end-user. ● The equipment shall be brand new and free from defects ● The unit shall be a derived | Certification from the manufacturer | |

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| | <p>model that is available in the Philippine market and not a cloned unit.</p> <ul style="list-style-type: none"> • The equipment shall not be an End-of Life (EOL) model at the time of the bidding and the service provider shall ensure availability of the model's spare parts and components for a period of five (5) years from the start of this contract. | | | |
| Microprocessor | <p>Intel i7, latest generation or any available in the market but not lower than 8th Gen</p> <p>Base Frequency: with reference to the latest Intel i7 generation</p> <p>Turbo Frequency: with reference to the latest Intel i7 generation</p> <p>Cache: with reference to the latest Intel i7 generation</p> <p>No of Cores: with reference to the latest Intel i7 generation</p> <p>Lithography: with reference to the latest Intel i7 generation</p> <p>Threads: with reference to the latest Intel i7 generation</p> <p>Thermal Design Power: with reference to the latest Intel i7 generation</p> | <p>Brochure and/or certification from the manufacturer</p> | | |
| Chipset | Latest Intel chipset | | | |
| Graphics | <p>Graphics/Video Processor: 4GB Dedicated</p> <p>Graphics Resolution: 1920 x 1080 pixel</p> | | <p>Brochure and/or certification from the manufacturer</p> | |
| Form Factor | Tower | | | |

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| Motherboard | Brand mark/name should be machine-etched/machine-embossed | | |
| Memory On-Board | 16GB DDR4, upgradable to 32 GB2 x Memory Slots | | |
| Hard Disk | <p>SATA3</p> <ul style="list-style-type: none"> • At least 1TB Capacity • At least 7200RPM speed | | |
| Optical Drive | Internal SATA DVD Writer | | |
| Monitor | <p>LED Monitor 21.5"</p> <p>10/100/1000 Mbps Network Interface</p> <p>(same brand as CPU)</p> | | |
| Network | 10/100/1000 Mbps Network Interface | | |
| Standard I/O Ports | <p>Two (2) USB port in front and a total minimum of 4 USB ports.</p> <p>One (1) Headphone/Speaker/Jack/Combo Jack</p> <p>One (1) Microphone-in jack</p> <p>Note: The bidders may also offer combo jack for the headphone and microphone</p> <p>Rear:</p> <p>One (1) VGA Port</p> <p>One (1) Display Port</p> <p>One (1) HDMI Port</p> | | Brochure and/or certification from the manufacturer |

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| | <p>One (1) Ethernet RJ-45 Port</p> <p>Audio Jacks</p> <p>Four (4) USB 2.0 Ports</p> <p>Note: VGA port can be omitted as long as the monitor bundled is compatible.</p> <p>Inclusion of adaptor HDMI to VGA is optional.</p> | | |
| Keyboard | Standard full-sized USB keyboard with numeric keypad (same brand as CPU) | | |
| Pointing Device | USB Optical Mouse bundled with Mouse Pad (same brand as CPU) | | |
| Expansion Slots | At least 2 useable PCI express (x1 and x16) | | |
| Network Interface | <p>Gigabit Ethernet 10/100/1000</p> <p>Wireless LAN 802.11 AC + Bluetooth 5.0</p> | | |
| Bundled Software/System | <ul style="list-style-type: none"> ● Operating System: Windows 10 Professional 64 bit ● Microsoft Office: Home & Student Version or Home & Business Version ● Pre-installed Mozilla Firefox and Google Chrome browser ● Pre-installed Adobe Reader ● Pre-installed, activated and updated Windows Defender | | |
| Accessories Included | Plastic cover for CPU, keyboard and monitor | To be verified during inspection | |

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| <p>Warranty and Support</p> | <p>Three (3) years on Parts and Labor</p> <ul style="list-style-type: none"> ● At least 3 years on all parts and service. ● At least 3 years on-site next business day service warranty. ● The bidder shall provide a call center with a Toll-Free (1-800) for technical assistance within working hours, cellphone numbers may also be provided. ● 24/7 SLA ● The call center should be operational and functional for at least within the warranty period of the desktop computers. ● Warranty tagging sticker (for user reporting of warranty issues) should be posted in front of the CPU, shall include the following details: <ul style="list-style-type: none"> ● Toll-Free number: ● Cellphone numbers: ● Serial numbers <ul style="list-style-type: none"> ▪ CPU: ▪ Monitor: ▪ Keyboard: ▪ Mouse: ▪ UPS: ● With the following value-add services: <ul style="list-style-type: none"> ● HDD media retention (for security of legal information when hard drive is replaced) | <p>Certification from the manufacturer and/or bidder</p> <p>Toll-free number will be verified during post-qualification</p> | |
| <p>Security</p> | <ul style="list-style-type: none"> ● USB enable/disable (via BIOS) | | |

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| | <ul style="list-style-type: none"> • Power-on password (via BIOS) • Setup password (via BIOS) | | |
| Additional Features: | <p>Energy Star Version 6.1(CPU), Energy Start Version 7.0(monitor), Visible On/Off Switch</p> <p>Supplier shall embed NCDA Logo in all desktop computer, the logo should be visible during boot-up of the computer</p> <p>Supplier shall also install other software and upload/save files to be provided by NCDA</p> <p>Supplier shall have a 24/7 Telephone Call Support to ensure technical support availability to minimize downtime.</p> | | |
| Delivery Term: | 120 days from receipt of Notice to Proceed | | |