**TENDER DOCUMENTS**

**IT Equipment Phase III**

**NUTECH/SCM/IT Eqpt Phase-III -2019/TD-065**

# NATIONAL UNIVERSITY OF TECHNOLOGY

<u>**TENDER NOTICE**</u>

**National University of Technology (NUTECH)**

<u>**NUTECH/SCM/IT Eqpt Phase-III -2019/TD-065**</u>

Sealed bids are invited from Government / FBR Registered Firms for the procurement of IT Equipment for NUTECH.

1. Tender documents containing terms & conditions and detailed specifications of items can be downloaded from NUTECH website "https://nutech.edu.pk/d-p.php" w.e f **30 April 2019**.
2. Quotations shall be submitted as per requirement of the tender documents.
3. Bidders will be required to submit bank draft/PO equal to 5% of quoted value as Bid Bond in favor of National University of Technology (NUTECH).
4. Sealed bids with detailed specification should reach on the following address latest by **1130 hours on 16 May 2019.** Late submission will not be entertained.
5. Bids will be opened at **1200 hours** on **16 May 2019 at** SCM Office.
6. Project is to be completed in 30 days from the date of award of contract.
7. <u>Submit Rs 1500/- as Tender fee in favour of NUTECH HBL account</u>**: <u>NUTECH Tendering and contracts, 5037- 7000210755.</u>** <u>Please attach bank receipt with technical offer. Offers will not be entertained without payment of processing fee.</u>

**Deputy Director (Supply Chain Management Office)**
**NATIONAL UNIVERSITY OF TECHNOLOGY (NUTECH) IJP ROAD, SEC I-12,**
**ISLAMABAD**
**Tel: 0092-51-5476768, Ext: 178**

**NATIONAL UNIVERSITY OF TECHNOLOGY**

**SUPPLY CHAIN MANAGEMENT OFFICE**

**INVITATION TO TENDER**

**Submission Date/Time** **16 May 2019** at 1130 hours

1.     NUTECH desires to procure the list of item(s)/Store(s) as per **Annexure-A**. Interested bidders are requested to send their bids through courier or deliver at NUTECH under two separate sealed envelopes (placed together in third envelope), marked clearly, **"Technical Offer"** and **"Commercial Offer"**, respectively to the undersigned, latest by or before above mentioned due date. If due to any unforeseen circumstances, NUTECH establishment remains closed, then the last date of submission will be extended to next working day.

2.     Please also note that Technical Offer should contain only Annexes-A & B duly filled in (supported with relevant technical literature /details/ catalogues etc) and receipt of tender processing fee. Commercial Offer will contain Annexure-C and bid bond (Dully mentioned and placed in separate envelop). Please ensure no space is left blank in the annexes.

3.      Following must be noted for this IT (Invitation to Tender):-

   a.    2 x copies of technical offer are to be provided.

   b.    Annexes A, B and C must be signed and stamped. Attach only relevant documents.

   c.    Please complete all document as per given format. Do not use your format or letter head. Offer may be rejected if given format is not followed.

   d.    Validity of offer will be 90 days.

   e.    Delivery period will be 30 days from the date of award of contract.

   f.    The firm should provide point to point acceptance of each clause of IT and special instructions attached with IT.

   g.    Quote firm will render a certificate with technical offer that firm is neither defaulter nor blacklisted by any Government / semi Government organization directly or indirectly.

   h.    Tender(s) must be accompanied with a Bid Bond in agreement of faithful compliance of the conditions of Contract/Purchase Order. This amount will be equivalent to 5% of the total quoted value. In case of non-acceptance of any offer, the Bid Bond will be returned to the bidder by fastest possible means. The Bid Bond amount submitted by the successful bidder

will however be refunded on effective termination of Contract/ Purchase Order. (The Bid Bond will be forfeited in case of default by the bidder from his commitments made through his offer). Submission of Bid Bond is mandatory; otherwise your offer will be rejected.

    i.    1 year warranty will be required from the successful bidders from the date of commissioning against 5 % bank guarantee performance bond.

    j.    Rates should be quoted on Free Delivery basis at NUTECH Islamabad.

4.    We reserve the rights to accept or reject any or all tenders as a whole or in part without assigning any reason whatsoever. The decision in this regard will be firm, final and binding on all bidders.

<div align="right">DD (Supply Chain Management)</div>

**Annex A**

User Reference No **NUTECH/SCM/IT Eqpt Phase-III -2019/TD-065**

Date: **30-04-2019**

**Technical Specification**

| Ser | Items | Description | A/U | Country of Origin | Qty | Bidder Compliance | | Tech Scrutiny to be done by user | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Yes | No | Accepted | Rejected |
| | | | | | | | | Reason of Rejection | |
| 1 | Core i7 PC | Intel Core i7 8th Generation, 1TB HDD, 16 GB Ram, 24 Inch Monitor, 2 GB Graphic Card with VGA port, HDMI port, DP Port Wi-Fi Card, keyboard and Mouse , CD/DVD writer with all accessories | | USA | 95 | | | | |
| 2 | Core i5 PC | Intel Core i5  8th Generation, 1.8 GHz, up to 4.00 GHz, 1TB HDD, 8 GB Ram, 20 Inch Monitor/LCD, 2 GB Graphic Card  . With VGA port, HDMI port, DP Port, Wi-Fi Card, CD/DVD writer, keyboard and Mouse with all accessories | | USA | 12 | | | | |
| 3 | Laptop core i7 (Executive) | **Operating system:** Window 10 Home **Processor**: Intel Core i7-8565U (1.8 GHz base frequency, up to 4.6 GHz with Intel Turbo Boost Technology, 8 MB cache, 4 cores) **Graphics:** Integrated: Intel UHD Graphics 620 **Display:** Integrated Privacy Screen 13.3" diagonal FHD IPS micro-edge WLED-backlit touch screen with Corning Gorilla Glass NBT (1920 x 1080) | | USA | 8 | | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | **Memory:** 16 GB DDR4-2400 SDRAM (onboard) , CD/DVD writer<br>**Storage:** 512 GB PCIe NVMe M.2 SSD<br>**Wireless technology:** Intel Wireless-AC 9560 802.11 b/g/n/ac (2x2) Wi-Fi and Bluetooth 5 Combo (Supporting Gigabit file transfer speeds)<br>**Power supply:** 65 W AC power adapter<br>**Battery:** 4-cell, 61 Wh Li-ion<br>**External I/O Ports**: 1 headphone/microphone combo; 2 Thunderbolt 3 (Data transfer up to 40 Gb/s signaling rate, Power Delivery, DP1.2, 1 USB 3.1 Gen 2<br>**Expansion slots:** 1 micro SD media card reader<br>**Webcam:** Wide Vision FHD IR Camera with integrated dual array digital microphone<br>**Audio:** Bang & Olufsen, quad speakers<br>**Sensors:** Accelerometer; Gyroscope; eCompass<br>**Color:** Dark ash silver<br>**Pointing device:** Imagepad with multi-touch gesture support<br>**Keyboard:** Full-size island-style backlit keyboard<br>**Weight:** 2.92 lb<br>**Warranty:** 1 year limited hardware warranty<br>**Special features:** Stylus<br>**Security management:** Fingerprint reader; Privacy Camera Kill Switch; Trusted Platform Module (TPM) support<br>**Carrying Case:** Carrying Sleeve/Bag | | | | | |
| 4 | Laptop core i7 (IT Office) | **Operating system:** Window 10 Pro<br>**Processor & Graphics**: Intel Core i7-8750H (2.2 GHz, up to 4.1 GHz, 9 MB cache, 6 cores), NVIDIA GeForce GTX 1050 (2 GB GDDR5 dedicated), CD/DVD writer | | 4 | | | |

| | | **Display:** 15.6" diagonal 4K IPS anti-glare micro-edge WLED-backlit (3840 x 2160) | | | | | |
| | | **Memory:** 32 GB DDR4-2666 SDRAM (2x16GB) | | | | | |
| | | **Intel Optane memory:** 16 GB PCIe NVMe Intel Optane | | | | | |
| | | **Storage:** 1 TB 7200 rpm SATA; 512 GB PCIe NVMe M.2 SSD | | | | | |
| | | **Wireless technology:** 802.11b/g/n/ac (2x2) Wi-Fi and Bluetooth 4.2 combo, Intel 802.11b/g/n/ac (2x2) Gigabit Wi-Fi and Bluetooth 5 Combo(MU-MIMO supported) | | | | | |
| | | **Power supply:** 65 W power adapter | | | | | |
| | | **Battery:** 4-cell, 70 Wh Li-ion polymer | | | | | |
| | | **Network Interface:** Integrated 10/100/1000 GbE LAN | | | | | |
| | | **External I/O Ports**: 1 HDMI 2.0; 1 independent headphone/microphone combo; 1 Mini DisplayPort; 1 RJ-45; 1 Thunderbolt 3 (Data Transfer up to 40 Gb/s, DP1.2, HP Sleep and Charge); 3 USB 3.1 Gen 1 | | | | | |
| | | **Expansion slots:** 1 multi-format SD media card reader | | | | | |
| | | **Webcam:** Wide Vision HD Camera with Dual digital microphone | | | | | |
| | | **Audio:** Bang & Olufsen, dual speakers, Audio Boost 2.0, DTS Headphone: X support | | | | | |
| | | **Pointing device:** Image pad with multi-touch gesture support | | | | | |
| | | **Keyboard:** Full-size backlit keyboard with numeric keypad and N-Key Rollover (Dragon Red Legend) | | | | | |
| | | **Weight:** 5.26 lb | | | | | |
| | | **Warranty:** 1 year hardware warranty | | | | | |
| | | **Security management:** Kensington | | | | | |

| | | MiniSaver security lock support **Carrying Case:** ENVY Urban 15.6 backpack and Carry Sleeve 15 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 5 | Printer Laser Black & white | LaserJet, 30 Pages Per Minute, Auto Duplex, Black & White, 1x extra Cartridge with all accessories | | USA | 15 | | | | |
| 6 | Heavy Duty Printer Laser Black & white | LaserJet, 75 PPM, Auto Duplex, USB Port, Network connectivity, 2 Paper trays,1x Extra Cartridge with all accessories | | USA | 10 | | | | |
| 7 | Color printer | LaserJet, 30ppm ,Auto Duplex, Color, 1x extra Cartridge with all accessories | | USA | 8 | | | | |
| 8 | Heavy Duty Printer Color | **Resolution (color):** Up to 600 x 600 dpi **Monthly duty cycle:** Up to 120,000 pages **Display:** 2.03" (5.2 cm), 4-line Color Graphic Display (CGD) **Processor speed**: 800 MHz **Connectivity**, standard: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 2 Internal USB Host **Power**: 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz)  56 PPM, Auto Duplex,1x Extra Cartridge with all accessories , 2 Year parts replacement warranty | | USA | 10 | | | | |
| 9 | Card Printer (color) | **Print speed:** up to 150 full colour cards per hour 500 monochrome cards per hour **Card capacities**: 100 card input (200 card option) 70 card output (200 card option) **Visual security:**  Standard HoloKote watermark (x5) Custom HoloKote watermark HoloPatch cards **Electronic security:** ISO 7811, JIS2 magnetic stripe, ISO 7816, EMV contact chip, MIFARE, DESFire, iClass, others **Warranty**:3 years Ultra Cover Plus with hot swap printer **Print technology:** Dye | | UK/USA | 2 | | | | |

| | | sublimation/rewritable<br>**Feed system:**<br>Manual/automatic **Connectivity** USB, Ethernet<br>**Compatibility**<br>Windows XP, Vista, 7, 8, 8.1, 10 (32/64bit) ,Windows server 2003 R2 SP2, 2008, 2012, 2016 and Mac OS X 10.9.0 upwards<br>**Card thickness**<br>mm 0.51 to 1.02, mil 20 to 40<br>**Dimensions**<br>mm 220 W x 250 H x 470 D Inch 8.6 W x 9.8 H x 18.5 D Weight kg 4.9 ,Weight lb 10.8<br>**Maintenance** Cleaning kit 3633-0053<br>**Extra card capacity** :200 input hopper 3652-0122, 200 output stacker 3652-0170<br>    With Software, installation, Training & 2000 Card. 1x extra Cartridge | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10 | Shredder | Paper shredder, CD shredder, process up to 28 sheets of paper at a time through its 10.25-inch feed opening ,Card Shredder,  with all accessories | | Any Country | 15 | | | |
| 11 | Scanner | Flatbed Scanner up to 600 x 600 dpi, up to 20 ppm, ADF capacity 50 sheets, usb port, built-in OCR with all accessories | | USA | 25 | | | |
| 12 | 2 TB HDD External | Military-grade shock resistance*<br>Fully Compliant with the Hi-Speed USB 3.0 specification<br>Advanced 3-stage shock protection system<br>    Durable anti-shock rubber outer case, 2 Year Brand Warranty | | USA | 10 | | | |
| 13 | 4 TB HDD External | Military-grade shock resistance<br>Fully Compliant with the Hi-Speed USB 3.0 specification<br>Advanced 3-stage shock protection system | | USA | 10 | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Durable anti-shock rubber outer case, 2 Year Brand Warranty | | | | | | |
| 14 | Photo Copier | **Standard functions**: Copy, Print, Scan, Network<br>**Print speed**: Up to 80 ppm<br>**Paper sizes**: 8 1/2" x 11", 8 1/2" x 14", 11" x 17" (A4/A3)<br>**Paper input capacity (std / max.):** 4,300 sheets / 8,300 sheets with options **Print resolution:** True 1200 x 1200 dpi.<br>**Paper trays:** 550 sheets x 2 Trays + 3,000 sheets Tandem Tray + 100-sheet Bypass Tray. Standard 150-Sheet Automatic Document Feeder **System:** Intel Celeron M 1.0 GHz + 512 MB<br>    with 3 years Parts Warranty with all accessories | | USA | 10 | | | |
| 15 | cable zipper | **Size**:  2 Meter **Color:** Black **Material:** PE (polythene)<br>    **Shape:** Round | | Any country | 200 | | | |
| 16 | Power Extension boards | High Quality Power extension boards , 3 meter power cable, 6 socket with 1 year Warranty | | USA | 50 | | | |
| 17 | CDs Writeable | Writeable CDs with store up to 4.7GB or 120 minutes of DVD-quality video | | Any Country | 100 | | | |
| 18 | DVDs Writeable | Re-Writeable DVDs | | Any Country | 100 | | | |
| 19 | Ethernet Patch Cords | 1 meter long high quality Ethernet patch cords | | Any Country | 50 | | | |
| 20 | Ethernet Patch Cords | 2 meter long high quality Ethernet patch cords | | Any Country | 50 | | | |
| 21 | Ethernet Patch Cords | 3 meter long high quality Ethernet patch cords | | Any Country | 50 | | | |
| 22 | Ethernet Patch Cords | 5 meter long high quality Ethernet patch cords | | Any Country | 50 | | | |
| 23 | Ethernet | 10 meter long high quality Ethernet patch | | Any | 50 | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Patch Cords | cords | | Country | | | | |
| 24 | Mouse Pad with NUTECH branding | Mouse Pads with NUTECH Branding | | Any Country | 150 | | | |
| 25 | Projector | LCD Projector ,300W ,4100 lumens, 16000:1,1024 x 768 pixels ,Remote control, Noise level =37.0 dB , projector floor mount kit with installation,25 Meter VGA cable,25 Meter HDMI Cable, 25 Meter DP HDMI Cable, | | USA | 2 | | | |
| 26 | Rechargeable Cells | Rechargeable Cell Set of 4 Cells 2700 Mah | | Any Country | 12 | | | |
| 27 | Adapter for Rechargeable Cells | Adapter for Rechargeable Cells with 4 charging port | | Any Country | 5 | | | |
| 28 | Fax Machine | **Printing Process:** Monochrome Laser **Recording Paper Size:** A4, Letter, Legal *1, B5(JIS/ISO), 16K, 216 x 330 mm *1, 216 x 340 mm *1 **Modem Speed:** 33.6 kbps - 2.4 kbps with automatic fallback **Memory Size :** 3.5 MB (Reception: Approx. 110 pages/ Transmission: Approx. 150 pages)<br><br>**Phonebook:** 100 + 6 stations **automatic Document Feeder Capacity:** 20 sheets **CD Display:** 16 digits / 2 lines (Backlit LCD)**Memory Size:** 32 MB **Computer Interface:** 100Base-TX / 10Base-T, USB | | Any Country | 3 | | | |

| General Conditions | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | **Bidder** | | | **Tech Scrutiny to be done by User** | | |
| | **Description** | | Yes | No | Alternate Offer | Accepted | Rejected | Reason of Rejection |
| **1.** | Training & Certification | Training & Certification of the IT Support Staff | | | | | | |
| **2.** | Installation/ Commissioning | a. Commissioning of the equipment (Software & Hardware) will be carried out by OEM rep at his own cost and risk   at designated place at NUTECH. b. Any Special requirement must be specified in the offer by the supplier. | | | | | | |
| **3.** | Standard & Compliance | Bidder must submit specification compliance in their bids, non-compliance (if any) against the product specification and general terms & conditions of the tender will lead to the disqualification of the bidder. | | | | | | |
| **4.** | Support Services | a. 24x7x365 Support Services including public holidays. b. Suppliers to have in-country spares/Technical support and ensure spares and technical support/Assistance for next 1 years. | | | | | | |
| **5.** | Warranty Period | a. 1 Years Comprehensive warranty for all items. Items req addl warranty are mentioned in description. b. A Warranty sticker is to be pasted on each item by the supplier/ OEM highlighting name of Firm, Contract No and Date, Description of Store and warranty validity. | | | | | | |
| **6.** | Physical Inspection Criteria | 100% Physical inspection of store will be carried out before commissioning of the equipment for following details a. For physical damage, scratches and deformity. b. Accessories/ Components as per contractual Specifications c. Technical manuals (Operation manual, user guide). d. OEM certificate and verifiable documents by the supplier that store has been procured from the certified source and is factory new and from latest production. (if applicable) e. Brand name and country origin. | | | | | | |
| **7.** | Liability of Supplier | a. Supplier is to provide original OEM certificate of subject equipment bought directly from the manufacturer and being an authorized dealer. b. In Case the equipment supplied is not compatible with specifications, the supplier will be obliged to call his | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | representatives at his own cost for consultation and corrective action | | | | | | | |
| **8.** | Special Notes | a. Additional requirements for the maintenance of equipment (if any) must be intimated by the supplier.<br>b. Equipment must be a standard product of OEM available at web address of OEM (if applicable)<br>c. In case of premature failure of the equipment, supplier has to replace / rectify the item free of cost. Required transportation charges would be borne by the supplier.<br>d. **Manufacturer Authorization Form (MAF) in the name of NUTECH University by the Principal / OEM must be provided (Mandatory).** | | | | | | | |
| **9.** | Publications | Operational manuals with all equipment (if applicable) having following details:<br>a. Description/Operation<br>b. Servicing<br>c. Maintenance Operations<br>d. Removal / Installation procedure<br>e. Trouble shooting guide | | | | | | | |

| Instl/Assy/Commissioning Req | **Yes** | No | Contract with OEM/**Supplier** | **Yes** | | No | |
|---|---|---|---|---|---|---|---|
| Performance Bond Req | **Yes** | No | Offer Req for Package Deal | Yes | | **No** | |
| **Note**:   (If any) | | | Warranty req and Duration | **Yes** | | No | |
| List of  "Additional Req may be" sent to procurement office, immediately | | | | | | | |
| Maint Spare Req | Yes | **No** | Essentially Running spare req | Yes | | **No** | |
| Pub/Lit Req | **Yes** | No | Req of Cert for test data results | **Yes** | | No | |
| Trg Req | **Local** | **Foreign** | Req of Calibration | Yes | | **No** | |
| **Note**:  Tick relevant box | | | | | | | |

Firm Name_____
Signature_____
Name_____
Designation_____

**NATIONAL UNIVERSITY OF TECHNOLOGY**
**SUPPLY CHAIN MANAGEMENT OFFICE**

**TECHNICAL OFFER**

User Reference No **NUTECH/SCM/IT Eqpt Phase-III -2019/TD-065**                    Date: **30-04-2019**
**Please fill in the following essential parameters:**

1.    Validity of Offer:_____ Days                    (Should not be less than 90 days)
2.    Delivery Period:_____ Days                    (After Placement of order)
3.    Country of Origin:_____
4.    Warranty/Guarantee:_____ Months from the date of final acceptance of the stores.

**General**

GST No:_____ (Please enclose copy)

NTN/CNIC: _____ (if exempted, please provide valid exemption certificate)

**Payment Terms**:

1.  50 % advance payment (Against valid bank Guarantee)
2.  50% Payment after delivery, installation /commissioning, user satisfaction certificate

**Details of Payment Recipient**

(1)    Name/Title: _____

(2)    Address:_____

                                        Signature: _____

                                        Official Seal: _____

                                        Name: _____

                                        Designation: _____

**Annex C**

User Reference No **NUTECH/SCM/IT Eqpt Phase-III -2019/TD-065**                                    Date: **30-04-2019**

| Ser | Items | Description | A/U | Qty Req | Unit Price (Rs) (excluding taxes) | All taxes | Gross Unit Price incl all taxes (Rs) | Total amount for total qty (Rs) (Including all taxes) |
|---|---|---|---|---|---|---|---|---|
| 1 | Core i7 PC | Intel Core i7 8th Generation, 1TB HDD, 16 GB Ram, 24 Inch Monitor, 2 GB Graphic Card with VGA port, HDMI port, DP Port Wi-Fi Card, keyboard and Mouse , CD/DVD writer with all accessories | | 95 | | | | |
| 2 | Core i5 PC | Intel Core i5  8th Generation, 1.8 GHz, up to 4.00 GHz, 1TB HDD, 8 GB Ram, 20 Inch Monitor/LCD, 2 GB Graphic Card  . With VGA port, HDMI port, DP Port, Wi-Fi Card, CD/DVD writer, keyboard and Mouse with all accessories | | 12 | | | | |
| 3 | Laptop core i7 (Executive) | **Operating system:** Window 10 Home <br> **Processor**: Intel Core i7-8565U | | 8 | | | | |

| | | (1.8 GHz base frequency, up to 4.6 GHz with Intel Turbo Boost Technology, 8 MB cache, 4 cores)<br>**Graphics:** Integrated: Intel UHD Graphics 620<br>**Display:** Integrated Privacy Screen 13.3" diagonal FHD IPS micro-edge WLED-backlit touch screen with Corning Gorilla Glass NBT (1920 x 1080)<br>**Memory:** 16 GB DDR4-2400 SDRAM (onboard) , CD/DVD writer<br>**Storage:** 512 GB PCIe NVMe M.2 SSD<br>**Wireless technology:** Intel Wireless-AC 9560 802.11 b/g/n/ac (2x2) Wi-Fi and Bluetooth 5 Combo (Supporting Gigabit file transfer speeds)<br>**Power supply:** 65 W AC power adapter<br>**Battery:** 4-cell, 61 Wh Li-ion<br>**External I/O Ports**: 1 headphone/microphone combo; 2 Thunderbolt 3 (Data transfer up to 40 Gb/s signaling rate, Power Delivery, DP1.2, 1 USB 3.1 Gen 2<br>**Expansion slots:** 1 micro SD media card reader<br>**Webcam:** Wide Vision FHD IR Camera with integrated dual array digital microphone<br>**Audio:** Bang & Olufsen, quad speakers<br>**Sensors:** Accelerometer; Gyroscope; eCompass<br>**Color:** Dark ash silver<br>**Pointing device:** Imagepad with | | | | | | |
|---|---|---|---|---|---|---|---|

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | multi-touch gesture support<br>**Keyboard:** Full-size island-style backlit keyboard<br>**Weight:** 2.92 lb<br>**Warranty:** 1 year limited hardware warranty<br>**Special features:** Stylus<br>**Security management:** Fingerprint reader; Privacy Camera Kill Switch; Trusted Platform Module (TPM) support<br>**Carrying Case:** Carrying Sleeve/Bag | | | | | |
| 4 | Laptop core i7 (IT Office) | **Operating system:** Window 10 Pro<br>**Processor & Graphics**: Intel Core i7-8750H (2.2 GHz, up to 4.1 GHz, 9 MB cache, 6 cores), NVIDIA GeForce GTX 1050 (2 GB GDDR5 dedicated), CD/DVD writer<br>**Display:** 15.6" diagonal 4K IPS anti-glare micro-edge WLED-backlit (3840 x 2160)<br>**Memory:** 32 GB DDR4-2666 SDRAM (2x16GB)<br>**Intel Optane memory:** 16 GB PCIe NVMe Intel Optane<br>**Storage:** 1 TB 7200 rpm SATA; 512 GB PCIe NVMe M.2 SSD<br>**Wireless technology:** 802.11b/g/n/ac (2x2) Wi-Fi and Bluetooth 4.2 combo, Intel 802.11b/g/n/ac (2x2) Gigabit Wi-Fi and Bluetooth 5 Combo(MU-MIMO supported)<br>**Power supply:** 65 W power adapter<br>**Battery:** 4-cell, 70 Wh Li-ion polymer<br>**Network Interface:** Integrated | 4 | | | | |

| | | 10/100/1000 GbE LAN **External I/O Ports**: 1 HDMI 2.0; 1 independent headphone/microphone combo; 1 Mini DisplayPort; 1 RJ-45; 1 Thunderbolt 3 (Data Transfer up to 40 Gb/s, DP1.2, HP Sleep and Charge); 3 USB 3.1 Gen 1 **Expansion slots:** 1 multi-format SD media card reader **Webcam:** Wide Vision HD Camera with Dual digital microphone **Audio:** Bang & Olufsen, dual speakers, Audio Boost 2.0, DTS Headphone: X support **Pointing device:** Image pad with multi-touch gesture support **Keyboard:** Full-size backlit keyboard with numeric keypad and N-Key Rollover (Dragon Red Legend) <br><br> **Weight:** 5.26 lb <br><br> **Warranty:** 1 year hardware warranty **Security management:** Kensington MiniSaver security lock support **Carrying Case:** ENVY Urban 15.6 backpack and Carry Sleeve 15 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5 | Printer Laser Black & white | LaserJet, 30 Pages Per Minute, Auto Duplex, Black & White, 1x extra Cartridge with all accessories | | 15 | | | | |
| 6 | Heavy Duty Printer Laser Black & white | LaserJet, 75 PPM, Auto Duplex, USB Port, Network connectivity, 2 Paper trays,1x Extra Cartridge | | 10 | | | | |

| | | with all accessories | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 7 | Color printer | LaserJet, 30ppm ,Auto Duplex, Color, 1x extra Cartridge with all accessories | | 8 | | | | | |
| 8 | Heavy Duty Printer Color | **Resolution (color):** Up to 600 x 600 dpi **Monthly duty cycle:** Up to 120,000 pages **Display:** 2.03" (5.2 cm), 4-line Color Graphic Display (CGD) **Processor speed**: 800 MHz **Connectivity**, standard: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 2 Internal USB Host **Power**: 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz) 56 PPM, Auto Duplex,1x Extra Cartridge with all accessories , 2 Year parts replacement warranty | | 10 | | | | | |
| 9 | Card Printer (color) | **Print speed:** up to 150 full colour cards per hour 500 monochrome cards per hour **Card capacities**: 100 card input (200 card option) 70 card output (200 card option) **Visual security:** Standard HoloKote watermark (x5) Custom HoloKote watermark HoloPatch cards **Electronic security:** ISO 7811, JIS2 magnetic stripe, ISO 7816, EMV contact chip, MIFARE, DESFire, iClass, others **Warranty**:3 years Ultra Cover Plus with hot swap printer **Print technology:** Dye sublimation/rewritable **Feed system:** Manual/automatic **Connectivity** | | 2 | | | | | |

| | | USB, Ethernet **Compatibility** Windows XP, Vista, 7, 8, 8.1, 10 (32/64bit) ,Windows server 2003 R2 SP2, 2008, 2012, 2016 and Mac OS X 10.9.0 upwards **Card thickness** mm 0.51 to 1.02, mil 20 to 40 **Dimensions** mm 220 W x 250 H x 470 D Inch 8.6 W x 9.8 H x 18.5 D Weight kg 4.9 ,Weight lb 10.8 **Maintenance** Cleaning kit 3633-0053 **Extra card capacity** :200 input hopper 3652-0122, 200 output stacker 3652-0170 With Software, installation, Training & 2000 Card. 1x extra Cartridge | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10 | Shredder | Paper shredder, CD shredder, process up to 28 sheets of paper at a time through its 10.25-inch feed opening ,Card Shredder,  with all accessories | | 15 | | | | |
| 11 | Scanner | Flatbed Scanner up to 600 x 600 dpi, up to 20 ppm, ADF capacity 50 sheets, usb port, built-in OCR with all accessories | | 25 | | | | |
| 12 | 2 TB HDD External | Military-grade shock resistance* Fully Compliant with the Hi-Speed USB 3.0 specification Advanced 3-stage shock protection system Durable anti-shock rubber outer case, 2 Year Brand Warranty | | 10 | | | | |
| 13 | 4 TB HDD External | Military-grade shock resistance Fully Compliant with the Hi-Speed USB 3.0 specification Advanced 3-stage shock protection system | | 10 | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Durable anti-shock rubber outer case, 2 Year Brand Warranty | | | | | | | |
| 14 | Photo Copier | **Standard functions**: Copy, Print, Scan, Network **Print speed**: Up to 80 ppm **Paper sizes**: 8 1/2" x 11", 8 1/2" x 14", 11" x 17" (A4/A3) **Paper input capacity (std / max.):** 4,300 sheets / 8,300 sheets with options **Print resolution:** True 1200 x 1200 dpi. **Paper trays:** 550 sheets x 2 Trays + 3,000 sheets Tandem Tray + 100-sheet Bypass Tray. Standard 150-Sheet Automatic Document Feeder **System:** Intel Celeron M 1.0 GHz + 512 MB with 3 years Parts Warranty with all accessories | | 10 | | | | | |
| 15 | cable zipper | **Size**: 2 Meter **Color:** Black **Material:** PE (polythene) **Shape:** Round | | 200 | | | | | |
| 16 | Power Extension boards | High Quality Power extension boards , 3 meter power cable, 6 socket with 1 year Warranty | | 50 | | | | | |
| 17 | CDs Writeable | Writeable CDs with store up to 4.7GB or 120 minutes of DVD-quality video | | 100 | | | | | |
| 18 | DVDs Writeable | Re-Writeable DVDs | | 100 | | | | | |
| 19 | Ethernet Patch Cords | 1 meter long high quality Ethernet patch cords | | 50 | | | | | |
| 20 | Ethernet Patch Cords | 2 meter long high quality Ethernet patch cords | | 50 | | | | | |
| 21 | Ethernet Patch Cords | 3 meter long high quality Ethernet patch cords | | 50 | | | | | |
| 22 | Ethernet Patch | 5 meter long high quality | | 50 | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Cords | Ethernet patch cords | | | | | | |
| 23 | Ethernet Patch Cords | 10 meter long high quality Ethernet patch cords | | 50 | | | | |
| 24 | Mouse Pad with NUTECH branding | Mouse Pads with NUTECH Branding | | 150 | | | | |
| 25 | Projector | LCD Projector ,300W ,4100 lumens, 16000:1,1024 x 768 pixels ,Remote control, Noise level =37.0 dB , projector floor mount kit with installation,25 Meter VGA cable,25 Meter HDMI Cable, 25 Meter DP HDMI Cable, | | 2 | | | | |
| 26 | Rechargeable Cells | Rechargeable Cell Set of 4 Cells 2700 Mah | | 12 | | | | |
| 27 | Adapter for Rechargeable Cells | Adapter for Rechargeable Cells with 4 charging port | | 5 | | | | |
| 28 | Fax Machine | **Printing Process:** Monochrome Laser **Recording Paper Size:** A4, Letter, Legal *1, B5(JIS/ISO), 16K, 216 x 330 mm *1, 216 x 340 mm *1 **Modem Speed:** 33.6 kbps - 2.4 kbps with automatic fallback **Memory Size :** 3.5 MB (Reception: Approx. 110 pages/ Transmission: Approx. 150 pages) <br><br> **Phonebook:** 100 + 6 stations **automatic Document Feeder Capacity:** 20 sheets **CD Display:** 16 digits / 2 lines (Backlit LCD)**Memory Size:** 32 MB **Computer Interface:** 100Base-TX / 10Base-T, USB | | 3 | | | | |
| | | **Total** | | | | | | |

Bid Bond Ref_____ GST _____

Total Gross Value_____

*Bid Bond to be attached with Annex C. Copy of Bid Bond be attached with
 Technical offer without showing its value. Exposure of bid bond may result in rejection of offer.

Firm Name_____
Signature_____
Name_____
Designation_____