



# FATA University

## TSD Darra Adam Khel, NMD Kohat

Website: [www.fu.edu.pk](http://www.fu.edu.pk), Email: [info@fu.edu.pk](mailto:info@fu.edu.pk)

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### SINGLE STAGE ONE ENVELOPE PROCEDURE

Last date of tender submission: May 12, 2020 up to 11:00 AM  
Opening date of tender: May 12, 2020 at 11:30 AM

Price= Rs.500/-

### TENDER DOCUMENTS FOR THE PROCUREMENT OF Computer & IT RELATED ITEMS

(Note: Please provide a soft copy of all documents in a USB/CD drive along with hard copy of the offer)

Document Issued By: Treasurer Office, FATA University, TSD Darra,  
NMD Kohat

Dated: 22-04-2020

## **Terms & Conditions**

### **1. INVITATION TO BID**

- 1.1 The Vice Chancellor, FATA University invites bids UNDER SINGLE STAGE SINGLE ENVELOPE PROCEDURE for the items as per list of items/works provided in the Tender document.
- 1.1 Bids must be submitted in sealed envelope, indicating its due date on the face of the envelope.
- 1.2 Earnest money @ 2% of the bid cost in the shape of **call deposit** in the name of Vice Chancellor, FATA University shall be submitted with the tender otherwise the tender documents shall not be entertained.
- 1.3 The quoted prices shall be inclusive of all types of admissible taxes & valid up to 180 days after submission of the bid.
- 1.4 The Vice Chancellor, FATA University, reserves the right to accept or reject any or all tenders in the light of PPRA/KPPRA Rules.

### **INSTRUCTION TO BIDDERS/GENERAL CONDITIONS**

#### **Eligible Bidders/Suppliers/contactor**

- 1.1. This Invitation for Bids is open to all Bidder/Suppliers meeting the following requirements:

- 1.1.1. Duly Registered with Federal Board of Revenue for Income Tax (Active Taxpayers) ,Sales Tax and KPPRA.

- 1.1.2. Manufacturer or authorized representative of the manufacturer.

#### **2. Qualifications of the Bidder/Suppliers**

- 2.1. The Bidder/Supplier/contractor shall provide documentary evidence that;

- 2.1.1. The bidder/supplier has financial, technical, supplying, demonstration, fixing etc. capability necessary to perform the contract and has successful performance history in accordance to the nature of supplies in these bidding documents as described in Bill of Quantities.

- 2.1.2. In case the bidder/supplier/contractor offering the supplies that the bidder/supplier did not manufacture or otherwise produce, the bidder/supplier has been authorized by the manufacturer or producer of such supply; and

- 2.1.3. The bid must be complete in all technical specifications as specified in the tender documents. If any of the specifications, do not meet, the bid will not be considered in the competition, no matter what price is quoted by the bidder.

#### **Obtaining of Bid Documents**

- The tender documents, having detailed specifications along with Terms & Conditions, can be downloaded from the FATA University website: [www.fu.edu.pk](http://www.fu.edu.pk). The Tender Document Fee of Rs. 500/ (non-refundable) shall be submitted in the form of Bank Draft in the name of Vice Chancellor, FATA University or deposit it in **UBL AC No.000233900504**. Due to Coronavirus pandemics the Tender Documents will not be available in the office of the FATA University but are available on University's website (as mentioned above)

### Submission of Bids

- The Bid is open to all the bidders who have minimum three (03) years of experience in supplies of similar nature equipment's / items to government / semi-govt / private company / department.
- Single stage-one envelope procedure of PPRA will be followed.
- The Tenders/Bids must be sent through courier and must reach the Sub-Office of FATA University at National Centre of Excellence in Geology, University of Peshawar, Peshawar till **May 12, 2020 at 11:00 AM** and will be opened on the same day at **11:30 AM** in the presence of bidders / representatives in the Sub-Office.

### For the suppliers of IT Equipments:

The following Letter / Certificate must be produce by the successful bidder.

- MAL : Manufacturer Authorization Letter
- Import Certificate
- Genuine Authenticity Certificate

### Other Details

- After the bids / quotations are opened, no bidder shall be allowed to revise, propose or request any changes in bid, unless the committee decides to do so.
- The bidder or authorized representative shall sign on each page of the tender document. No corrections and overwriting are allowed.
- Item(s) should be quoted ANNEXURE-wise separately. Preference will be given to the firm(s) quoting maximum number of Items ANNEXURE WISE. However, FATA UNIVERSITY reserves the right to opt any item/work from any bidder.
- ***Bidders are requested to read carefully the terms and conditions and sign the Tender Form in token of having understood and accepted the same in all respects.***
- While quoting tender rates, the items should be given numbers as are numbered in the Tender Document.
- The tender Rate shall be item wise in Pak Rupees including all type of admissible taxes.
- The Tender Document must specify the Brand name and Model of the item where appropriate. Without specifying the Brand and Model the quotation will not be accepted for that item.
- Bidder is responsible for timely delivery of bids. This office will not be responsible for misplacement / tampering / non-attendance delay or any other incident in case the bids are not delivered at the designated place & time. Incase of any delay on the bidder side, penalty@ 1% for each delayed day maximum to 10 % of the total cost will come as decided by the competent authority.
- The bidders should be either established firm or sole distributor / authorized dealer/ agent / Supplier or Contractor registered with Sales and Income Tax Department and are included in the Active Tax Payers list.
- **Bidders should preferably have office, workshop facilities and after sales services preferably in Peshawar or Kohat.**
- Time of Delivery of all equipment's / items etc. will be Maximum 30 days after the date of issuance of supply/work order by the FATA University upon the bidder's own expenses. In case of non compliance of the work order/acceptance letter, 2% call deposit will be forfeited in favor of FATA University.
- The tender will be opened on **May 12, 2020 at 11:30 AM** in the Sub-Office of the FATA University at the **National Centre of Excellence in Geology, University of Peshawar**, in the presence of bidders and procurement committee.

- Responsibility of late delivery will not rest upon this office.
- The Vice Chancellor FATA University reserves the right to reject all bids at any time prior to the acceptance of bids. The grounds of rejection will be communicated to the bidder(s) upon request. However, Vice Chancellor FATA UNIVERSITY shall not be liable to provide any justification of those grounds.

**DOCUMENTS TO BE SUBMITTED BY THE BIDDERS**

- 1. Bidders are required to provide the following documents with the bid for fixing the credibility of the bidders. If any of the following documents is missing, the bid will not be considered for further processing without any intimation to the bidder.**
  - a. Brief Company profile
  - b. Certificate of relevant ownership / dealership / authorized agent
  - c. Number of relevant projects successfully completed
  - d. Income Tax return for the last three years
  - e. Sales Tax return for the last three years
  - f. Active Tax payers list (current)
  - g. Details of offices in Peshawar or Kohat
  - h. Affidavit on judiciary stamp paper mentioning that you or your firm has never been blacklisted in the past.

**Note:**

*By signing this agreement, the undersigned acknowledge that he has read and understood, and agree to be bound by, the terms and conditions as outlined in the agreement and confirming that his company/organization terms and condition stand eradicated.*

*Bidder/Supplier/Contractor signature*

Dated: \_\_\_\_\_

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Company Name: \_\_\_\_\_

Contact No: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

## PART- A

### SECTION-I

#### COMPUTERS & IT RELATED ITEMS

S.No	Item Name	Specifications	<u>Rate in PKR (Including All Govt. Taxes)</u>
1	Desktop Computers Core i5 (International Branded)	<ul style="list-style-type: none"> <li>• 9<sup>th</sup> Gen Intel Core™ i5-9400,3.0 Ghz, 9MB Cache Processor (Intel® Turbo Boost Technology) or Higher</li> <li>• 8Gb (2x4GB) DDR4 Memory</li> <li>• Intel B365 Chipset or Higher</li> <li>• 1TB 7200rpm Hard Disk Drive or Higher</li> <li>• DVD-RW+-Drive</li> <li>• Integrated UHD Graphics 620 or Higher</li> <li>• Internal 802.11ac WIFI + Bluetooth 4.2 or Higher</li> <li>• USB Wired Keyboard</li> <li>• USB Optical Scroll Mouse</li> <li>• 23” LED Monitor (VGA, HDMI And DP Port)</li> <li>• Window 10 Installed</li> <li>• <b>Three Years Warranty</b></li> </ul>	Rs. _____ per unit
2	<b>Laptop Core-i7</b> (International Branded)	<ul style="list-style-type: none"> <li>• 10<sup>th</sup> Gen Intel Core i7-10510u 1.80GHz, 8M Cache Processor or Higher</li> <li>• 8GB DDR4 2666 SDRAM or Higher</li> <li>• 128GB M2 SATA SSD Drive</li> <li>• 1TB 5400RPM SATA Hard Drive or Higher</li> <li>• Integrated UHD Graphics 620 or Higher</li> <li>• SD Card Reader</li> <li>• Internal 802.11ac WIFI + Bluetooth 5 or Higher</li> <li>• Internal Spill-resistant Keyboard with Multi-touch Support Click Pad</li> <li>• Integrated 720p HD Webcam or Higher</li> <li>• 15.6-Inch HD AntiGlare LED SVA with 2 Antennas Slim LED or Higher</li> <li>• 3 Cell 45WHr Batter or Higher</li> <li>• 45W Smart Power Adapter or Higher</li> <li>• Same Brand Carry Case</li> <li>• 3-Year Warranty</li> </ul>	Rs. _____ per unit

3	<b>Laptop Core-i5</b> (International Branded)	<ul style="list-style-type: none"> <li>• <b>8<sup>th</sup></b> Generation Core i5 (6M Cache, 1.6 GHZ Base Frequency, Turbo up to 3.90 GHZ) or Higher</li> <li>• 14.0” FHD (1920x1080) Anti-Glare, Non-Touch, Camera &amp; Mic Integrated Graphics</li> <li>• Ram:8GM (2x4GB), DDR4 Non-ECC Memory</li> <li>• Hard Disk: Additional 2.5” 1TB 5400RPM SATA Hard Disk Drive</li> <li>• No Optical Drive</li> <li>• Wireless + Bluetooth 4.1</li> <li>• Single Pointing Backlit Keyboard (English)</li> <li>• 65 Watt AC Adaptor</li> <li>• 3 Cell Battery with one year Warranty</li> <li>• OEM Carrying Case</li> <li>• <b>Three Years Warranty</b></li> </ul>	Rs. _____ per unit
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4	<b>6U Rack</b>	<ul style="list-style-type: none"> <li>• Front lockable,</li> <li>• Semi perforated,</li> <li>• Wall Mounted</li> <li>• Two Exhaust Fans,</li> <li>• Fix Tray,</li> <li>• Mat finish,</li> <li>• High Quality with Single PDU,</li> <li>• Durable/Imported/Good Quality</li> </ul>	Rs. _____ per unit
5	<b>Layer 3 Managed Switch</b>	<ul style="list-style-type: none"> <li>• 24x10/100/1000BASE-T Ports,</li> <li>• 4x1GE SFP+/GE SFP Ports,</li> <li>• 10 or more aggregation groups,</li> <li>• Support Spanning Tree STP/RSTP/MSTP, LACP,</li> <li>• Support for 802.1q/p VLANs</li> <li>• SD-Card support</li> <li>• Traffic Management/Shaping</li> <li>• Advanced Routing feature</li> <li>• Includes support for IPv4 &amp; IPv6</li> <li>• Routing protocols OSPFv2, BGPv4, PIM-SM/DM and DVMRP</li> <li>• Includes support for IPv6 Routing protocol OSPFv3</li> <li>• Installation and Commissioning</li> <li>• <b>One year manufacturer warranty.</b></li> </ul>	Rs. _____ per unit

6	<b>Layer 2 Managed Switch</b>	<ul style="list-style-type: none"> <li>• 48x 10/100/1000BASE-T Ports</li> <li>• 4 SFP/SFP+ ports</li> <li>• Support Spanning Tree STP/RSTP/MSTP, LACP</li> <li>• Support for 802.1q/p VLANs</li> <li>• SD-Card support</li> <li>• Includes support for IPv4 &amp; IPv6</li> <li>• Traffic Management/Shaping</li> <li>• <b>One year manufacturer warranty.</b></li> </ul>	Rs. _____ per unit
7	<b>Networking</b>	<ol style="list-style-type: none"> <li>a. Ethernet pure copper 23AWG cable to be used for networking components.</li> <li>b. The cabling solution must include the per running feet cost of the ducts to be used for laying down the cables.</li> <li>c. Single Port networking face plate with enclosure box</li> <li>d. RJ-45 I/Os for face plates.</li> </ol>	Rs. _____ per meter  Rs. _____ per foot  Rs. _____ per unit
8	<b>Multimedia Projector with Screen and Tripod Stand</b>	<ul style="list-style-type: none"> <li>• Resolution XGA (1024 x 768) Brightness: 3000lumens Keystone correction: V ±30°</li> <li>• VGA and/or HDMI input</li> <li>• Projector to projector input/output (VGA) Screen 8x10 Misc. AC power cord, VGA to VGA cable (20m), HDMI cable (20m), remote control, carrying case, batteries for remote, multilingual CD-ROM user's manual, quick start card, and warranty card</li> </ul>	Rs. _____ per unit
9	<b>All In One Printer (Laser )</b>	<ul style="list-style-type: none"> <li>• Device Type fax / copier / printer / scanner</li> <li>• Copier Type digital</li> <li>• Fax Type plain paper</li> <li>• Printing Technology Laser – monochrome</li> <li>• PC Connection 2 x USB host</li> <li>• Standard Memory 256 MB</li> <li>• Duplex Printing</li> <li>• Interfaces USB 2.0</li> <li>• Ethernet Gigabit LAN</li> </ul>	Rs. _____ per unit

10	<b>Branded Color Laser Printer</b>	Print Speed: 38 PPM (Color & Black) or Higher Resolution: 1200 x 1200 dpi or Higher Duplex Printing: Standard Memory: 1GB or Higher Processor: 1200MHz or Higher Duty Cycle: 80000 Pages or Higher Connectivity: 1 High Speed USB, Built-in Gigabit Ethernet Adapter Warranty: 1-Year Warranty	Rs. _____ per unit
11	<b>Branded Flatbed Scanner (Canon /HP or Equivalent)</b>	Scan Speed: 20 PPM or Higher Resolution: 600 x 600 dpi or Higher Scan Type: Flatbed & ADF ADF Capacity: 50 Sheet or Higher Duty Cycle: 1500 Pages or Higher Connectivity: USB 2.0 Warranty: 1-Year Warranty	Rs. _____ per unit
12	<b>Photocopier-A</b>	<ul style="list-style-type: none"> <li>• 35 CPM/PPM Laser Dual Component Technology</li> <li>• Copier, Printer, Color Scanner, Duplex, Auto Reverse Document Feeder</li> <li>• Copy Size A4, Legal, A3 size</li> <li>• 2GB RAM &amp; Hard disk 320GB</li> <li>• 1200 sheet (2x550 sheets Tray + 100 Sheets By pass)</li> <li>• Hi-Speed USB 3.0 Ethernet network 10/100/100 Base T</li> <li>• Standard Both Side Copying + Printing</li> <li>• Built in Network Printer , Print/Scan from USB-SD Card</li> <li>• Resolution 600 x 600 dpi or higher (print, copy, scan)</li> <li>• Touch LCD</li> </ul>	Rs. _____ per unit
13	<b>Photocopier-B</b>	<ul style="list-style-type: none"> <li>• Speed: 45 Copies per minute</li> <li>• Copy size A3</li> <li>• Resolution 600 x 600 dpi or higher (print, copy, scan)</li> <li>• Memory 2GB or Higher, Hard Disk 250 GB or Higher</li> <li>• Network Printer A3</li> <li>• Network Color Scanner A3</li> <li>• 100 sheets stack bypass</li> <li>• Built-in Duplex Printing &amp; Copying</li> <li>• RADF Built In</li> <li>• Touch LCD</li> <li>• Toner Life 40000 pages or Higher</li> </ul>	Rs. _____ per unit



14	<b>LED Screen</b>	<ul style="list-style-type: none"> <li>• Size 50 inch</li> <li>• NFC</li> <li>• Built in WIFI</li> <li>• Remote Compatibility</li> <li>• Resolution FHD 1920x1080 Higher Backlight module slim LED</li> </ul>	Rs. _____ per unit
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## PART- B

### SECTION-II

#### DLD Lab Equipments

1	<b>Logic Design Trainer</b>	<ul style="list-style-type: none"> <li>• Power Supplies (<math>\pm 12</math> V @ 200 mA 5 V @ 250 mA)</li> <li>• TTL/CMOS operable</li> <li>• Clock (levels support 1Hz, 1KHz, 100KHz)</li> <li>• Pulsars, Logic Switches, Logic Indicators</li> <li>• Seven segment Displays</li> <li>• Connectors</li> <li>• BNCs (02 minimum)</li> <li>• Bread boarding</li> </ul>	Rs. _____ per unit
2	<b>FPGA Board</b>	<ul style="list-style-type: none"> <li>• Artix-7 Part (XC7A100T-1CSG324C)</li> <li>• Logic Slices (15,850 (4 6-input LUTs &amp; 8 flip flops each))</li> <li>• Block RAM (4,860 Kbits)</li> <li>• Clock Tiles (6 (each with PLL)</li> <li>• DSP Slices (240)</li> <li>• Internal Clock (450 MHz+)</li> <li>• DDR2 Memory (128MiB)</li> </ul>	Rs. _____ per unit
3	<b>Arduino board and Sensor Kit</b>	<ul style="list-style-type: none"> <li>• Latest board</li> <li>• Kit 37 in 1 (minimum)</li> </ul>	Rs. _____ per unit
4	<b>Others</b>	<ul style="list-style-type: none"> <li>• DMM (Digital Multimeters)</li> <li>• Logic Gates</li> <li>• Logic Probes</li> <li>• LEDs (Red, Blue, Green, Yellow) 3mm-5mm</li> <li>• Buzzer</li> <li>• Resistance 220<math>\Omega</math> to 1k<math>\Omega</math></li> </ul>	Rs. _____ per unit

**The other terms and conditions mentioned earlier are also applicable**

## PART-C

### SECTION-III

#### HEC-TDF Project Equipments

S.No	Item Name	Specifications	Rate in PKR (Including All Govt. Taxes)
1	<b>Developer Workstation</b>	<ul style="list-style-type: none"> <li>• 3.0+ GHz 6-Core Processor with appropriate cooler</li> <li>• ATX LGA1151 Motherboard</li> <li>• 16 GB (2 x 8 GB) DDR4-2666MHz Memory</li> <li>• TB 3.5" 7200RPM Internal Hard Drive 250 GB SSD</li> <li>• GeForce RTX 2060 Super 8 GB</li> <li>• 650 Watts ATX Power Supply</li> <li>• LED Monitor 21"</li> <li>• Compatible ATX Tower Casing to house the system</li> </ul>	Rs. _____ per unit
2	<b>GPU Server</b>	<ul style="list-style-type: none"> <li>• 3.0+ GHz 8-Core Processor with appropriate cooler</li> <li>• ATX LGA1151 Motherboard</li> <li>• 16 GB (2 x 8 GB) DDR4-3200 MHz Memory</li> <li>• 2 TB 3.5" 7200RPM Internal Hard Drive</li> <li>• 500GB M.2-2280 Solid State Drive</li> <li>• GeForce RTX 2070 Super 8 GB</li> <li>• 750 Watts ATX Power Supply</li> <li>• LED Monitor 27.0"</li> <li>• Compatible ATX Tower Casing to house the system</li> </ul>	Rs. _____ per unit
3	<b>Android Tablet</b>	<ul style="list-style-type: none"> <li>• 4/6 GB RAM,</li> <li>• 64 GB Storage</li> <li>• Screen Size 10 plus inches</li> </ul>	Rs. _____ per unit
4	<b>03 kva Long Backup UPS</b>	<ul style="list-style-type: none"> <li>• 3kVA online double conversion UPS Unit, pure sine wave</li> <li>• Input Voltage: Single Phase Normal 120 VAC-260VAC</li> <li>• Input Frequency: 45Hz-65Hz</li> <li>• Battery Type: Sealed non-spillage, maintenance free lead-acid batteries</li> <li>• External Battery Cabinet for hosting batteries.</li> <li>• Rated Voltage: Single Phase, 220/230/240VAC</li> <li>• Output Voltage THD: &lt;3% linear load, &lt;5% non-linear load</li> <li>• Form Factor: Tower/Rack</li> </ul> <p>Minimum 1 hour backup for 75% load.</p>	Rs. _____ per unit