

Sr. No. _____

BIDDING DOCUMENT
Tender No: 26/09/2023/FAST-NRPU-23/17249/01
Purchase of NRPU Project Lab Equipment

For

**FAST-NATIONAL UNIVERSITY OF COMPUTER &
EMERGING SCIENCES (FAST-NUCES), KARACHI**



National University
of computer and emerging sciences

TENDER NOTICE

Purchase of NRPU Project Lab Equipment

The **Karachi campus** of the University invites sealed bids from the original manufacturers / authorized distributors (With Valid Authorization/Distribution Certificate) / suppliers / well reputed firms/service providers registered with Income Tax and Sales Tax Departments and who are on Active Taxpayers List of the Federal Board of Revenue for the purchase of following Twelve (12) Lab equipment for the mentioned quantities for HEC – NRPU Project Ref. No. 17249.

#	Name of Equipment	Qty
I.	Laptops for the Development Team	2
II.	Desktop PC	1
III.	PD132 Vehicle Loop Detector Single Channel Inductive Detector for Car Parking Lot Gate Traffic Control	5
IV.	5.8Ghz Microwave Radar Motion Sensor Module	6
V.	Raspberry Pi 4 Model B, 8GB SDRAM	9
VI.	SIM7600G-H 4G HAT 4G / 3G / 2G for Raspberry Pi, 4G Expansion Board	6
VII.	4K Live Streaming Outdoor IP Camera	3
VIII.	LED Traffic Lights	2
IX.	NVIDIA® Jetson Developer Kit	3
X.	Variable-message Sign (VMS)	2
XI.	Infrared sensors	3
XII.	Ultrasonic Sensor	6
TOTAL		48

- Bidding shall be carried out by “*Single Stage Two Envelope*” procedure. Bidding documents containing detailed terms & conditions etc. are available at Procurement Office, National University-FAST, ST-4, Sector 17-D, Shah Latif Town National Highway, Karachi. Tender notice and binding document can also be downloaded from www.nu.edu.pk/events/details/551 or Public Procurement Regulatory Authority (PPRA) website www.ppra.org.pk.
- The Bids having separate sealed envelopes clearly marked as **Technical** and **Financial Bid**, prepared in accordance with the instructions as mentioned in the bidding document, must reach on **30th October, 2023 (Monday) up till 02:30 pm** at Procurement Office, National University-FAST, ST-4, Sector 17-D, Shah Latif Town National Highway, Karachi.
- Technical Bids** will be opened on the same day, i.e., **30th October, 2023 (Monday) at 03:00 pm** in the presence of bidders/their representatives. The second envelope containing “**Financial Bid**” of technically qualified bidder(s) will be opened later, the date of which will be communicated after the evaluation of Technical Bids.
- The University reserves the right to accept or reject any/all bid(s) in terms of Section-33 of Public Procurement Rules 2004.

Procurement Office: Mr Ovais Mustafa (Email: ovais.mustafa@nu.edu.pk)
FAST – National University of Computer & Emerging Sciences
Shah Latif Town (On National Highway), Karachi

ANNEXURE A

TERMS AND CONDITIONS

FAST-NATIONAL UNIVERSITY OF COMPUTER & EMERGING SCIENCES
(FAST-NUCES), Karachi

Tender No. 26/09/2023/FAST-NRPU-20/17249/1

**Sub: TENDER DOCUMENT FOR PURCHASE OF LAB EQUIPMENT (ITEMS)
"TERMS AND CONDITIONS"**

[All pages (BOQs & Terms & Conditions) are mandatory to be signed / stamped. failing which the bid may be rejected.]

1. Any addition, deletion, or modification of any clause of the procurement terms & conditions of FAST-National University of Computer & Emerging Sciences, Karachi by any vendor will not be acceptable and may lead to rejection of the bid.

2. Original Manufacturer / Authorized Distributors (with valid authorization / distribution certificate)/ Suppliers /well-reputed Firms / Service Providers registered with Income Tax, Sales Tax Department and who are on Active Taxpayers List (ATL) of FBR, are eligible to participate in the tender.

3. Part / Advance payments are not allowed.

4. The exact completion/delivery time from the date of the purchase / work order will be a **maximum** of **60** days. The handing over / completion / installation time is of critical importance.

5. The bid proposal(s) should be inclusive of all the taxes and must be quoted on "FOR Basis" as per BOQs Format at FAST-National University of Computer & Emerging Sciences, Karachi.

6. The Payment terms will be for the FOR quoted items; 100% payment will be made after supply and successful inspection of the ordered equipment(s).

7. After the opening of bids FAST-National University of Computer & Emerging Sciences, Karachi will examine the bids for completeness as per tender document's Terms & Conditions and Technical Specifications (As per BOQ).

8. Purchase order(s) will be awarded to the lowest evaluated bidder according to the nature of BOQs/Compatibility requirements that meet the technical specifications compliance matrix (Annexure B).

9. FAST-National University of Computer & Emerging Sciences, Karachi, will follow the PPRA rule of **Single Stage Two Envelope procedure**.

a. The Bid shall comprise two envelopes submitted simultaneously, one called the **Technical Bid** and the other the **Financial Bid**. Both envelopes to be enclosed together in an outer single envelope called the Bid.

b. The Bidder shall prepare **one (1) original** of the Technical Bid and one original of the Financial Bid comprising the Bid and clearly mark it "ORIGINAL -

TECHNICAL BID” and “ORIGINAL - FINANCIAL BID”. In addition, the Bidder shall submit **one (1) copy** of the Technical and Financial Bid and clearly mark each of them “COPY.” In the event of any discrepancy between the original and the copies, the original shall prevail.

10. Bidders cannot challenge the findings of the evaluation or ask for the reason for disqualification.

11. The bid should be submitted in a sealed envelope up to **30th October 2023 (Tuesday)** on or before **02:30 pm.** and will be opened on the same date at **03:00 pm.** in the presence of available bidders.

12. The envelope should be marked as under; Procurement Office of ST-4, Sector 17-D, Shah Latif Town National Highway, Karachi 75030, Pakistan.

13. The envelope shall also bear the word "**CONFIDENTIAL**" and following identification quotation for "**Purchase of Lab Equipment item(s) for NRPV Project #20-17249, FAST-NUCES.**"

14. The bid form (BOQs) must be duly filled in, stamped, and signed by the authorized representative of the bidder.

15. If the vendor fails to deliver the goods to FAST-National University of Computer & Emerging Sciences, Karachi in time then the penalty will be charged as under:

a. 02% per month of the total Purchase Order value.

b. If the vendor fails to deliver the goods / services during the extended period (if granted) then the purchase / work order may be cancelled and bid security may be forfeited.

16. If the delivered goods are not according to the required quality standards / specifications, the same shall be liable to be rejected after inspection. The bidder/vendor would be required to REPLACE as per requirements mentioned in our BOQs at no cost to the FAST-NUCES, otherwise the purchase / work order will be cancelled after the due date with confiscation of bid security AND bidder will bear all cost and expenses **thereof.**

17. All prices should be quoted on **FOR Basis (inclusive of all applicable taxes)**

18. All prices should be valid for at least **60 days.** Withdrawal or any modification of the original offer within the validity period shall entitle FAST-NUCES to forfeit the earnest money in favor of the FAST-NUCES and / or put a ban on such vendor participation in FAST-NUCES tenders / works.

19. It is the sole responsibility of the bidder / agent / supplier / manufacturer to comply with the applicable laws, be it national or international.

20. In case of any dispute, the decision of the Rector, FAST-NUCES, will be final and binding upon the parties.

21. FAST-NUCES reserves the right to modify the quantities of goods / services at any time before the award of purchase/ work order.

22. The bidder is required to furnish in the form of "Pay Order/Demand Draft/Call Deposit" **02% (Refundable)** of the total value of the bid as Bid Security in favor of "**NUCES - AUTOMATED OPTICAL INSPECTION**". Any bid not accompanied by Bid Security shall be rejected without any right of appeal.

23. The bid security of 02% should be placed in the Technical Bid Envelope.

24. An amount equal to 02% (in PKR) of the total value of the Purchase Order/Contract Price shall be retained by the FAST-National University of Computer & Emerging Sciences, Karachi from the payment of successful bidders, on FOR supplied items, for the Warranty Period (if any).

25. The bidder is required to furnish the Company Profile, Client List and Detail of similar Projects/Works along with the proposal.

26. Bidder(s) complying with all conditions mentioned in the Tender "**Terms & Conditions**" **Compliance checklist (Annexure-A)** shall be selected for technical and financial evaluation. Bidder(s) not fulfilling any condition of Tender "**Terms & Conditions**" Compliance checklist shall be disqualified and their bids shall be declared non-responsive and shall not be considered for technical & financial evaluation.

27. FAST-National University of Computer & Emerging Sciences, Karachi reserves the right to accept or reject the bid if.

- i. Received later than the date and time fixed for tender submission.
- ii. The tender is unsigned/ unstamped.
- iii. The offer is ambiguous.
- iv. The offer is conditional.
- v. Offer is made by the unauthorized agent/supplier of the original equipment manufacturer.
- vi. The offer is from a firm, which is blacklisted by any Govt. Office.
- vii. The offer is received by telephone/telex/fax/telegram.
- viii. Any unsigned / ambiguous erasing, cutting / overwriting etc. is made.
- ix. The Company Profile, client list and detail of similar projects/works are not attached.
- x. Without Guarantee/Warranty of the quoted equipment(s).

28. The bidder should furnish a **CERTIFICATE** (duly attested) on **judicial STAMP PAPER** worth **Rs. 100** as worded below in token of acceptance of all the terms and conditions of the tender. Otherwise, the tender will not be considered under any circumstances.

I / We

• Company / Vendor Name: _____

• Postal Address: _____

• Tel. No: _____

• Mob No. _____

• NTN#: _____

• GST#: _____

The undersigned certifies that our above-named Firm/Company is not blacklisted by any Govt. Office and the terms and conditions contained in this document, viz "**Terms and Conditions**", **are** accepted unconditionally.

Sign & Stamp

Note:

1. Please quote the rates on our BOQs and clearly mention the quoted item(s) Make / Model / Country of Origin and Guarantee/Warranty, otherwise your bid / items may lead to rejection.
2. The quoted item(s) should be of the same specs, make/model, or their equivalent.
3. In Addition to the filling of the attached BOQs, supporting literature of the quoted model must be attached for verification & technical evaluation of the required specification by the bid evaluation committee. In case of any clash found between the quoted model, and the literature model, the item/bid may be rejected.
4. Please also attach the Certificate supporting being Active Taxpayer as per the requirement of FBR.

Annexure B

BOQS FOR REQUIRED ITEMS

BOQ for Items I to XII

S.#.	Item/ Equipment	Specification	Quantity	Unit Price	Applicable Taxes	Total Price (Rs.)
I.	Laptops for the Development Team	Intel Core i9-9900K 3.6 GHz Over-Clocked 9th Gen Processor	2			
II.	Desktop PC	Desktop specification OMEN - GT13-0090 30L Desktop PC, NVIDIA GeForce RTX 3090 Graphics Card, 10th Generation Intel Core i9-10850K Processor, 32 GB RAM, 1 TB SSD, Windows 10 Home (GT13-0090, 2020) Shadow black	1			
III.	PD132 Vehicle Loop Detector Single Channel Inductive Detector for Car Parking Lot Gate Traffic Control	Loop detector LC20-1-RB 12-24VAC/DC, Loop detector wire-1.5mm ² tinned annealed flexible copper conductor, EPR insulation, Black PCP sheath 100m Reel (Highway standard TR2029 motorway cable)	5			
IV.	5.8Ghz Microwave Radar Motion Sensor Module	ARS 408-21 Long Range Radar Sensor 77 GHz Multi-target radar Microwave vehicle detector Traffic radar OR TC26-B Microwave Vehicle Motion Sensor	6			
V.	Raspberry Pi 4 Model B, 8GB SDRAM	Raspberry Pi 4 8GB RAM Model B Quad Core CPU 1.5Ghz Development Board	9			
VI.	SIM7600G-H 4G HAT 4G / 3G / 2G for Raspberry Pi, 4G Expansion Board	SIM7600G-H 4G HAT Module for Raspberry Pi and PC, Support LTE Cat-4 4G 3G 2G Communication and GNSS Positioning, Global Band, up to 50Mbps Uplink, 150Mbps Downlink	6			
VII	4K Live Streaming Outdoor IP Camera	HIKVISION RTSP support via URL	3			
VII I.	LED Traffic Lights	Standard	2			
IX.	NVIDIA® Jetson Developer Kit	Jetson Nano Developer Kit	3			
X.	Variable-message Sign (VMS)	Portable VMS	2			
XI.	Infrared sensors	AS9390 Vehicle Detector & Camera Trigger - 24 V DC Supply Voltage - 90 degrees field of view - 1-degree angular resolution - High Scan Rate (120 scans / s) - Wide temperature range - Ethernet and Serial communication Continuous leak detection - High reliability	3			
XII	hc-sr04 ultrasonic sensor	HC-SR04 ultrasonic sensor	6			

===== END OF DOCUMENT =====