COMSATS University Islamabad, Lahore Campus
Defence Road, Off Raiwind Road, Lahore

Tender No. CUI-LHR-TN-13-19-1288
Case # 2759

Single Stage Two Envelop Procedure

Title of Tender: **Lab Equipment for Department of Computer Science, CUI-Lahore Campus**

TERMS AND CONDITIONS

1. *All pages of bidding documents are mandatory to be signed / stamped, meaning thereby bidder agrees to our terms & conditions mentioned herein, failing which the bid may be rejected.*

2. *Any addition, deletion or modification of any clause of the procurement terms &conditions/BoQs of CUI-Lahore Campus by any vendor will not be acceptable and may lead to rejection of the bid.*

3. *Only registered Suppliers, who are on Active Taxpayers List (ATL) of FBR, are eligible to participate in tender.*

4. The contract will be executed and handed over in satisfactory conditions up to the entire satisfaction of COMSATS University Islamabad, Lahore Campus.

5. Documents along with Pay Order / Demand Draft amounting to **Rs. 1000/-** as a tender documents fee (Non-Refundable) shall be submitted in favor of COMSATS University Islamabad (CUI), Lahore Campus to the address given below. No bid will be accepted without tender documents' fee.

6. Part / Advance payments is not allowed.

7. **The exact completion/delivery time from the date of the purchase / work order will be 75 days. The handing over / completion time for this contract is of critical importance.**

8. Your bid proposal should be inclusive of freight and all other taxes delivered at COMSATS University Islamabad (CUI), Lahore Campus's premises.

9. After opening of bids, COMSATS University Islamabad (CUI), Lahore Campus will examine the bids for completeness as per tender document.

10. Purchase order (s) will be awarded to the lowest or technically recommended bidder (s) on the basis of item wise / subtotal wise / grand total wise according to the nature of BoQs.

11. The bid should be submitted in a sealed envelope up to **August 21, 2019** on or before **1400hrs** and will be opened on the same date **at 1430hrs** in the presence of available bidders.

12. COMSATS University Islamabad, Lahore Campus, will follow the PPRA rule of **single stage two envelope procedure;**

    i. The bid shall comprise a single package containing **two separate envelopes.** Each envelope shall contain separately the **financial proposal** and the **technical proposal;**

Signature & Stamp of Bidder

ii. The envelopes shall be marked as **"FINANCIAL PROPOSAL" and "TECHNICAL PROPOSAL"** in bold and legible letters to avoid confusion**;**

iii. Initially, only the envelope marked **"TECHNICAL PROPOSAL"** shall be opened**;**

iv. The envelope marked as **"FINANCIAL PROPOSAL"** shall be retained in the custody of the procuring agency without being opened;

v. The procuring agency shall evaluate the technical proposal in a manner prescribed in advance, without reference to the price and reject any proposal which does not conform to the specified requirements;

vi. During the technical evaluation no **amendments** in the technical proposal shall be permitted;

vii. The financial proposals of bids shall be opened publicly at a time, date and venue announced and communicated to the bidders in advance;

viii. After the evaluation and approval of the technical proposal the procuring agency, shall at a time within the bid validity period, publicly open the financial proposals of the technically accepted bids only. The financial proposal of bids found technically nonresponsive shall be returned un-opened to the respective bidders;

ix. and

x. The bid found to be the lowest evaluated bid shall be accepted.

13. The envelope should be marked as under;
    Secretary, Purchase Committee
    COMSATS University Islamabad (CUI), Lahore Campus
    Defence Road, Off Raiwind Road, Lahore.
    Tel: 042-111-001-007, Ext: 875

    The envelope shall also bear the word **"CONFIDENTIAL"** and following identification quotation of "**Lab Equipment for for Department of Computer Science, CUI-Lahore Campus".**

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 / services to COMSATS University Islamabad (CUI), Lahore Campus in time then the penalty will be charged as under:-**

    a. 1% per day of the invoice price for 5 working days.
    b. 2% per day of the invoice price for further 5 working days.
    c. If the vendor fails to deliver the goods / services during the extended period then the purchase / work order may be cancelled, earnest money and payment may be forfeited.

16. If the delivered goods / services are not according to the required quality standards / specifications, the same shall be liable to be rejected after inspection. The vendor would be required to supply as per requirements mentioned in our BoQs, otherwise the purchase / work order will be cancelled after due date with confiscation of earnest money.

17. Deduction of Income Tax and any other tax will be deducted at source according to Government prevailing rules.

18. Payment will be made on submission of Invoice in the name of "COMSATS University Islamabad (CUI), Lahore Campus" with a copy of delivery challan (s) after the complete order has been supplied, inspected and accepted which includes delivery / installation, and COMSATS acceptance / inspection thereof.

19. All prices should be quoted on F.O.R (Pak Rupees) inclusive of all applicable taxes.

20. All prices should be valid for at least **120 days.** Withdrawal or any modification of the original offer within the validity period shall entitle CUI, Lahore Campus to forfeit the earnest money in favor of the CUI, Lahore Campus and / or put a ban on such vendor participation in tenders / works.

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

22. In case of any dispute or grievance, the matter shall be addressed as per PPRA rules.

23. The CUI, Lahore Campus reserves the right to modify the quantities of goods / services at any time before the award of purchase / work order.

24. **05% of the total value of the Invoice will be retained as security by COMSATS University Islamabad (CUI), Lahore Campus, and will be released after warranty period i.e. (One Year) which will be counted from the date of delivery / completion of work / supply.**

25. **The bidder is required to furnish in form of Bank deposit/ CDR / Pay order equivalent to 2% of the total Bid price as Earnest Money crossed in favor of "COMSATS University Islamabad (CUI), Lahore Campus".**

26. COMSATS University Islamabad (CUI), Lahore Campus reserves the rights to reject the bid if;

    i. Received without earnest money
    ii. Received later than the date and time fixed for tender submission
    iii. The tender is unsigned/ unstamped
    iv. The offer is ambiguous
    v. The offer is conditional
    vi. The offer is from a firm, which is black listed by any Govt. Office.
    vii. The offer is received by telephone/telex/fax/telegram.
    viii. Any unsigned / ambiguous erasing, cutting / overwriting etc. is made.

27. The bidder should furnish a certificate 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.

28. The undersigned affirm that the terms and conditions as contained in this document have been read and accepted and that in the event of selection of my/our rate the agreement in the prescribed form will be entered into:

    - **Company / Vendor Name:………………………………………………………..………….………...**

    - **Postal Address:………………………………………………………………………….……….**

    - **Tel. / Mobile:………………………..…………………………Email:…………….…………………...…**

    - **NTN# :…………………………………….GST#:………………………………….……**

    - **Signature: ………………………………………**

    - **Please also attach the Certificate supporting being Active Taxpayer as per requirement of FBR.**

Technical Portion (Please mention the quoted model/ brand in technical portion with no mention of price otherwise the bid will be rejected)

BoQs for Lab Equipment for Department of Computer Science, CUI-Lahore Campus

No change in the BoQs (Specs & Qty.) of CUI-Lahore Campus, as detailed below, is allowed. Any additional information may be mentioned in the blank columns (i.e. model / brand or Price). Any modification in CUI-Lahore Campus BoQ may lead to rejection of bid (fully or partially).					Please mention the quoted Model / Brand with meeting the all specifications mentioned in BoQs
Sr. #	Item Name	Specifications	Qty		
1	Wireless EEG Development kit	14x2 channels Saline soaked felt pad Wireless connectivity (Bluetooth, usb) Usb to change headset settings Battery life: upto 12 hours Facial Expressions: Blink, Wink L/R, Surprise, Frown, Smile, Clench, Laugh, Smirk Functions: push, rotate, lift, disappear etc Development: Cortex is new API powerhouse (built on JSON and WebSockets) NodeRed available for integration with hardware 5x2 channels for facial expressions Hydrophilic semi-dry polymer sensors Wireless connectivity (Bluetooth, usb) Battery life: upto 8 hours Facial Expressions: Blink, Wink L/R, Surprise, Frown, Smile, Clench. Functions: push, rotate, lift, disappear	01	No.	
2	Electric Wheelchair	Speed 6km/h. Battery 50Amp lithium battery Range 25km ELECTRONICS VR2 Aluminum Foldable Alloy Body 250W *2 brushless motor 24V/2A charger with universal plug Flip-up armrest, Detachable anti-wheel Shock absorbing Spring or equivalent	01	No.	
3	Data acquisition (16 channel) with PCI	Graphical development with LabVIEW 16-bit, 250 kS/s, 16 analog Inputs; two 16-bit analog outputs 24 digital I/O lines, 32-bit counters; digital triggering Correlated DIO (8 clocked lines, 1 MHz) NI-DAQ DAQmx Measurement Services to simplify configuration and measurements Cable and connector block or equivalent	01	No.	

4	**Kinect V2 sensor for Xbox One + PC adapter (gait recognition) or equivalent**	**Active infrared capabilities 25 Point Skeleton for a total of six people Wider, expanded field of view and improved skeletal tracking Thumb tracking, end of hand tracking, open and closed hand gestures Windows SDK to build applications with C++, C# or Visual Studio Basic Xbox One X or equivalent**	**01**	**No.**	
5	**Mini computers (for interfacing)**	**8th Generation Core i7 Quad Core Processor (4 Cores - 8 Threads) 16 GB DDR4-2400 SDRAM (onboard) 512 GB PCIe NVMe M.2 SSD NVIDIA® GeForce® GTX 1050Ti with 4GB GDDR5 or equivalent**	**02**	**No.**	
6	**Customized wearable sensors, for upper and lower body**	**19 IMU sensors. High performance and durable nylon-based fabric. Up to 100 FPS real time streaming. Up to 100-meter wireless range. Onboard memory Wi-Fi and USB communication. 6 hours of operation time. Plugins: Unity 5, unreal engine 4, motion builder. Development studio + APIs, Plugins 2 Wearables with glanceable, voice-activated assistance and onboard computer vision**	**01**	**No.**	
Purchase / Supply order will be awarded on Grand Total / Turnkey basis.					

Financial Portion (Price and Brand/Model to be mention only in Financial Proposal in a separate sealed envelope)

Vendors are required to provide both unit and total price of each item and calculations must be made carefully to avoid mistakes. However, in case, total price does not match with the unit price and quantity due to calculation error or typo error, any of the following can be opted 1. The bid may be rejected on the reason of ambiguity (OR) 2. Unit price will be considered as final and total price of the respective item will be calculated by multiplying it with the quantity required. Sub-totals and grand total will also be corrected accordingly						
No change in the BoQs (Specs & Qty.) of CUI-Lahore Campus, as detailed below, is allowed. Any additional information may be mentioned in the blank columns (i.e. model / brand or Price). Any modification in CUI-Lahore Campus BoQ may lead to rejection of bid (fully or partially).				Prices to be quoted inclusive of all Taxes		
Sr. #	Item Name	Specifications	Qty		Quoted Model / Make	Unit Price (Rs.)	Total Price (Rs.)
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<u>**Signature & Stamp of Bidder**</u>

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4	Kinect V2 sensor for Xbox One + PC adapter (gait recognition) or equivalent	Active infrared capabilities 25 Point Skeleton for a total of six people Wider, expanded field of view and improved skeletal tracking Thumb tracking, end of hand tracking, open and closed hand gestures Windows SDK to build applications with C++, C# or Visual Studio Basic Xbox One X or equivalent	01	No.			
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	Total Amount (Rs.) inclusive of all Taxes						

Special Terms and conditions;

- **Please submit the technical and financial bid (s) on our prescribed BoQs and clearly mention the quoted model / brands, with complete terms and conditions signed, stamped with both bids, otherwise your bid (s) may be rejected.**

- **In Addition to filling of the attached BoQs, supporting literature of the quoted model must be attached for verification & technical evaluation of the required specification by the technical committee. In case of any clash is found between the quoted model and the literature model. So the item/bid may be rejected.**

- **Purchase / work order (s) will be awarded on Grand Total / Turnkey Basis as mentioned in BoQs.**

- **Kindly attach the Tender fee with Technical Bid and Bid money / CDR with Financial Bid.**

- **Multiple rates of an item may also lead to the rejection of bid / item.**

Signature & Stamp of Bidder