

TENDER DOCUMENT



Supply of Networking Equipment for ECE Lab

(Single Stage Two Envelope Basis)

**COMSATS University Islamabad Wah Campus
G.T. Road, Wah Cantt
Land Lines - 051-4534200-2
Fax 051-4546850**

Invitation to Bid

COMSATS University Islamabad, Wah Campus invites sealed bids from the original manufactures / authorized / distributors / suppliers registered with income Tax and Sales Tax Departments for **Supply of Networking Equipment for ECE Lab at CUI-Wah Campus**

2. Only registered manufacture who are on active taxpayers list (ATL) of FBR are eligible to supply goods/services to Government departments
3. Bidding documents, which are containing detailed terms and conditions method of procurement, procedure for submission of bids, bid security, bid validity, opening of bid, evaluation criteria, clarification / rejection of bids, performance guarantee etc. are available for the interested bidders at “Procurement Office Admin Block, CUI Wah Campus”, at price of **Rs. 2.000/-**. This amount shall be paid in shape of pay order/DD in favor of COMSATS University Islamabad (CUI), Wah Campus. No bid will be accepted without tender documents’ fee.
4. The bids, prepared in accordance with instructions in the bidding document, must reach at Procurement Office Admin Block CUI Wah at 11:00 am on **15-08-2023**. Bids will be opened the same day at 11:30 am. This advertisement is also available on PPRA website at www.ppra.org.pk. & <https://cuiwah.edu.pk> Website



Incharge Purchase Section

COMSATS University Islamabad, Wah Campus
G.T. Road, Wah Cantt
Tel: 051-4534200-2
Fax: 051-4546850



COMSATS University Islamabad
Wah Campus, G. T. Road, Wah Cantt

Single Stage Two Envelop Procedure

Title : Supply of Networking Equipment for ECE Lab at CUI-Wah Campus.

TERMS AND CONDITIONS

1. Only registered Suppliers, who are on Active Taxpayers List (ATL) of FBR, are eligible to participate in tender.
2. Offer of a supplier/firm may not be considered for tender competition if:-
 - a. The bid is not prepared and submitted as per instructions given in the tender document.
 - b. The bid is incomplete
 - c. Received without Earnest Money and/or found with less amount of earnest money than required financial extent.
 - d. Received later than the date and time fixed for tender submission
 - e. Bid not submitted at specified venue.
 - f. The offer is ambiguous, with cutting & erasing/over writing. (the mistake /cutting corrected clearly and signed may be accepted subject to approval by the convener of purchase committee
 - g. The tender is submitted with wrong pattern/method of bidding
 - h. The tender is not properly covered and sealed
 - i. The offer is conditional
 - j. The offer is from a firm which is black listed, by any Govt. Office.
 - k. The offer is received by telephone/telex/fax/telegram.
3. Bidders could not challenge the decision of the Purchase / Technical Evaluation Committee or ask for reason of disqualification
- 4 Documents along with Pay Order / Demand Draft amounting to **Rs. 2000/-** as a Tender Documents Fee (Nonrefundable) & Earnest Money Equivalent to 2% of the total cost of quoted items shall be submitted in favor of COMSATS University Islamabad, Wah Campus to the address given at **S.No 27** below. No bid will be accepted without tender documents' fee.
5. Tender Document can either be collected from Purchase Section CUI- Wah Campus or be down loaded from PPRA Website
6. The exact completion/delivery date of the consignment from the date of issue of the Purchase / Work Order, will be as shown in Purchase Order / Work Order .
7. All prices should be quoted in Pak Rupees and on F.O.R basis and the bid proposal should be inclusive of freight charges and all other applicable Govt taxes and the items will be delivered at COMSATS University Islamabad, Wah Campus. Deduction of Income Tax and any other applicable taxes will be deducted according to Government prevailing rules.
8. The Bid Form (BoQ) must be filled , stamped and signed by the authorized representative of the bidder. Bid/Quotations on firm's pad may not be accepted.

9. 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 replace the same as per specifications mentioned in BoQ, otherwise the purchase / work order will be cancelled after due / extended date with confiscation of earnest money.
10. Payment will be made on submission of Invoice, Sale Tax Invoice and Delivery Challan in the name of COMSATS University Islamabad, Wah Campus and after the complete order has been supplied, inspected / accepted which includes installation /Training, where applicable.
11. Quoted prices should be valid for 90 days. Withdrawal or any modification of the original offer within the validity period shall not be allowed and if so will entitle CUI-Wah Campus to forfeit the Earnest Money and / or impose appropriate punitive action on such vendor (s).
12. The contractor will be legally bound and obligated towards Terms & Conditions specified in Tender Document/ Purchase , Work Order / Contract Agreement in lieu of performance and execution of contract and/or liquidate damages subject to exception of circumstances invoked and enforced by the situation of **“Force Majeure”**.
13. Payment will not be made in advance or parts, rather 100% payment will be made on completion of the consignment including commissioning, installation and training by the concerned firm where necessary.
14. On receipt of Technical Evaluation Report of from Committee, the Earnest Money will be returned to un successful firms where as earnest money of qualified firm(s) will be returned on completion of the consignment.
15. The successful bidder/contractor will sign **Procurement Contract** with CUI, Wah Campus in form written agreement on Rs 100/-stamp paper.
16. The potential bidders needing any clarification regarding BoQ, bidding procedure / Terms & Conditions of the tender, may raise their query (in writing) and seek guidance prior to tenders closing date.
17. The **CUI-Wah Campus** reserves the right to modify the quantities of goods / services at any time before the award of purchase / work order.
18. If the vendor fails to deliver the goods / services to CUI-Wah Campus in time then the penalty will be charged as under:-
In case the successful bidder fails to supply the required item(s)/material within the due date; 0.5% per day, of the total cost, will be deducted for upto a total of 10% (20 Days). If delay is beyond 20 days, CUI will decide whether to extend the time, in which case the penalty will be 1% of the total cost per day (Day 21 onward) OR CUI may consider Cancellation of Work Order, in which case CUI may impose ban on the bidder for business with CUI for a period of at least 6 months AN/OR Black-list the bidder AND/OR the Earnest Money will be forfeited.
19. The bidding procedure is subject to compliance with PPRA rules/CUI policy and decisions of the competent authorities of CUI, Wah Campus and be implemented. It will be the sole responsibility of the supplier / manufacturer to comply with the applicable national/international laws. In case of any dispute, decision of the Director, **CUI-Wah Campus** will be final and binding upon the parties.
20. Any defective / sub-standard item (s) will be replaced by the bidder in same quoted cost. In case of failure to supply the specific item, CUI-Wah may issue PO to next lowest bidder to supply the item while the difference of amount will be deducted from the 1st lowest bidder's earnest money

21. In case of any conflict in the price/cost quoted by the bidder; the unit cost quoted by the bidder will be considered. In case of no mention of GST. The prices/cost will be considered as inclusive of GST.

22. In cases lowest bidder refuses or fails to supply the item(s) within the deadline(s), the Work Order may be offered to the next lowest bidder provided that the difference between the 1st lowest bidder and 2nd lowest bidder (2nd-1st) is less than or equal to the earnest money (General Economic Principle). Same principle for 3rd, 4th lowest bidders and so on **Incase of Tie in Rates; the bidder securing highest technical score**, where applicable, will be awarded the job. In case of tie in technical Score, CUI will award the job to the bidder as it deem fit and suitable for the job.

23 **Preparation of Technical Bid:**

Following points may be kept in mind while preparing Technical Bid:

a.	Make & Type of quoted items (Technical compliance with BoQ)	Provide detail of items, brands, country of origin with complete specification being offered without mentioning prices on company letter head (duly signed and stamped beneath by the bidder.
b.	Brief Profile of the Firm	Mention Company Introduction, Type of Business, Offices & Services in Pakistan, NTN & GST Registration Number with Copy of NTN & GST Certificates, Professional Staff (Administrative & Technical) , Verifiable Office addresses, Telephone & Cell No., E-mail address for Contacts.
c.	Details of Experience	Provide list of contracts in-hand/ performed by the bidder so far clearly mentioning for each contract, the name of organization, complete address, year of contract, contract value, date of contract award and date of contract completion.
d.	Reliability of quoted Brand & Country of Origin.	Provide supported brochures.
e.	Bidder's corporate Status	Whether the bidder firm is: Manufacturer, Business Partner of Manufacturer, Sole Distributor of Manufacturer, Authorized Distributor/Agent/Reseller/Supplier or any other affiliation Note: Provide certificate/letter issued from manufacturer .
f.	Technical Resources & Services Support	Details of firm's ability / facility available for provision, installation, upgrading, training and after sales services.
g.	Warranty/Guarantee	The bidder shall offer warranty/guarantee (for each serial number) where applicable and free of cost after sale service.
h.	Consignment completion period	Firms should specify the completion period from the date of issue of Purchase / Work Order

24. **Bids Evaluation Criteria for Technical Bid.** Bids will be evaluated in fair, transparent and non-discriminatory manner. For the purpose, following mandatory scales of evaluation shall be taken into consideration.

Sr #	Parameter	Scale of Evaluation
a.	Make & Type of quoted items (Technical compliance with BoQ)	40 Marks
b.	Brief Profile of the Firm	10 Marks
c.	Details of Experience (Firm must be attached at least min 05 satisfactory reports)	05 Marks
d.	Reliability of quoted Brand & Country of Origin	05 Marks
e.	Bidder's Corporate Status (NTN, GST, SECP)	15 Marks
f.	Technical Resources & Services Support	05 Marks
g.	Warranty/ Guarantee	10 Marks

h.	Consignment completion period	05 Marks
i.	Authorization letter\Certificate	05 Marks
Total Marks:		100
Minimum Qualifying Marks:		60

***Technical Committee may ask Product demonstration at the time of technical evaluation**

25. **Preparation of Financial Bid:**

Financial Bid will be prepare in following manner.

a.	Bid Prices	<ul style="list-style-type: none"> ➤ Each offered item to be entered separately with unit & total price with taxes. ➤ The bid must be made on BoQ attached with Tender Document and signed by manufacturer or the authorized Firm/dealer / representative. ➤ Alternate item (s) / Price (s) will not be quoted
b.	Bid Validity	90 Days from the date of opening of Financial Bid.

26. **Criteria for awarding Purchase / Works Order:**

- a. On receipt of Technical Evaluation Report from Technical Evaluation Committee (TEC), all participating firms will be informed for their Qualification / Disqualification
- b. Date of opening of Financial Bids will be communicated to the firms declared **Qualified** by the TEC.
- c. Disqualified firm(s) will be asked to collect their Earnest money along with their sealed Financial Bids.
- d. On opening of Financial Bids, Comparative Statement (CST) will be prepared and Purchase Order(s) will be issued to technically qualified / lowest quoting firm (s), on **Item Wise , Sub Total or Grand Total Wise** ,as convenient to CUIW.

27. *The envelope shall bear the word “CONFIDENTIAL” and also bear the tender Name and Number (i.e) **CUIW/PS/TEN/22-23/02 “Supply of Networking Equipment for ECE Lab at CUI-Wah Campus.** and should be dispatched on following address*

**Purchase Section
COMSATS University Islamabad, Wah Campus
G.T. Road, Wah Cantt.
Ph# 051-4534200-2, Ext: 219
Fax# 051-4546850**

Undertaking

We have carefully read the Terms and Conditions mentioned in Tender Document. We accept all these Terms & Conditions unconditionally.

Name of Bidder Firm/Company: _____

Name & Designation of Authorized Official: _____

Signature: _____

Date: _____

Company Stamp: _____

Tel/ Cell Nos. _____

E-mail Address: _____

BoQ

Sr	Name of Equipment & Specifications	Model Quoted	A/U	Qty	Unit price with Taxes	Total price with Taxes
1	<p>Access Point Indoor High Range</p> <ul style="list-style-type: none"> • Controller Based IEEE 802.11a/b/g/n/ac/ax • Can support min 500, Concurrent users • Channelization of 20MHz, 40MHz, 80MHz and 160MHz, 1Pv4, 1Pv6 Support, WPA-PSK, WPA-TKIP, WPA2 AES, WPA3- Personal, WPA3- Enterprise, 802.11i, WIPS/WIDS • Adoptive Antenna Technology that will help to cover more area in case of any object surrounded Channel • Access Point uses machine learning to automatically find the least congested channels. Support • Extended coverage and optimized throughput using different radio patterns • Total Throughput 2500 Mbps • 16 SSID per AP, User Based Rate Limiting • POE 802.3af and 802.3at support • PD-MRC support • Direct Multicast, Dynamic Pre-Shared Key Support • Smart Roam, GRE, Soft-GRE, 3-year warranty • Support all environment Controller Based Controller less and cloud based, Must quote License if applicable • Provide Simultaneous services on 2.4 GHz (2x2 MIMO) and 5 GHz (4x4 MIMO) frequency bands. • Access Points must be compatible with an existing wireless solution • Brand Must have existence and deployment in Pakistan for 5 last years 		Nos	1		

2	<p>Access Point Indoor</p> <ul style="list-style-type: none"> • Controller Based IEEE 802.11a/b/g/n/ac/ax • Can support min 200, Concurrent users • Channelization of 20MHz, 40MHz, 80MHz and 160MHz, 1Pv4, 1Pv6 Support, WPA-PSK, WPA-TKIP, WPA2 AES, WPA3- Personal, WPA3- Enterprise, 802.11i, WIPS/WIDS • Adoptive Antenna Technology that will help to cover more area in case of any object surrounding Channel. • Access Point uses machine learning to automatically find the least congested channels. Support • Extended coverage and optimized throughput using different radio patterns • Total Throughput 1700 Mbps • 16 SSID per AP, User Based Rate Limiting • POE 802.3af and 802.3at support • PD-MRC support • Direct Multicast, Dynamic Pre-Shared Key Support • Smart Roam, GRE, Soft-GRE, 3-year warranty • Support all environment Controller Based Controller less and cloud-based, must quote License if applicable • Access points must be compatible with an existing wireless solution • Provide Simultaneous services on 2.4 GHz (2x2 MIMO) and 5 GHz (2x2 MIMO) frequency bands. • Brand Must have existence and deployment in Pakistan for 5 last years 		Nos	5		
3	<p>Layer 2 Managed 8 port POE Network Switch</p> <ul style="list-style-type: none"> • Layer 2 Fully Managed Access Switch should have 8xGE RJ-45 POE interfaces, Switch must have 2x1GE SFP ports for uplink, Switching Capacity 20Gbps • Forwarding Rate 14Mpps, • Minimum 60 Watt POE Budget, • Spanning Tree Protocol • LLDP Support • 1 year hardware replacement Warranty 24/7 support 		Nos	3		

4	Network Cabinet 2U Network Cabinet		Nos	3		
5	PDU (Power Distribution Unit)		Nos	3		
6	Rj45 Connector Box(100 Pc)		Nos	2		
7	Cat 6 Pure Copper Ethernet Cable Roll		Roll	2		
8	Cage Nuts Assembly for Racks and Cabinets		Nos	50		
9	PCI Express Wi-Fi Card 150Mbps		Nos	70		

Total**Special Terms and conditions;**

1. Please submit the bid on our prescribed BoQs and clearly mention the quoted model / brands, otherwise your bid (s) may be rejected.
2. Multiple rates of an item may lead to the rejection of bid / item.
3. Solution must be turnkey.
4. Access Points must be compatible with existing wireless solutions.
5. Firm Must have a certified Engineer of relevant products (Certificate must be attached).
6. Firm Must be authorized partner with Principal (Certificate must be attached)
7. Firm must have authorized bidding certificate (Certificate must be attached)
8. Firm must provide warranty letter (Warranty Letter must be attached)

Note :- For Samples or any query Mr Bilal may be contacted at Call NO 0333-6144656