



COMSATS University Islamabad (CUI), Lahore Campus
Defence Road, Off Raiwind Road, Lahore

Tender No. CUI-LHR-TN-23-1729

Case # 3864

Invitation to Bid
Single Stage One Envelope Procedure

**FPGA Boards, Universal Lab Trainer, LED Light Panel. Testers, Window Blinds,
 IT & Electric Items for Labs of E&CE Department**

Part: A GENERAL 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 (GST & Income Tax), 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. Tender Fee & Earnest Money/CDR

- a. Documents along with Pay Order / Demand Draft amounting to **Rs. 1,500/-** as a tender documents fee (Non-Refundable) shall be submitted in favor of COMSATS University Islamabad, Lahore to the address given below. No proposal/bid will be accepted without tender documents' fee.
- b. 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, Lahore Campus", which shall be released after the completion of work / supply on submission of written request on firm / company letterhead. Any bid not accompanied by Earnest Money shall be rejected without any right of appeal.

6. COMSATS University Islamabad, Lahore Campus will retain 5% of the total value of the Invoice as security against items where warranty is required in our BoQs. The retention money will be released after the warranty period subject to a satisfactory report by the end user. The warranty period will be counted from the date of delivery/completion as the case may be.

7. Part / Advance payments is not allowed.

Signature & Stamp of Bidder

8. The exact completion/delivery time from the date of the purchase / work order will be **60 days for Sr. # 1 & 2 and 20 Days for Sr. # 3 to 29.** The handing over / completion time for this contract is of critical importance.
9. Your bid proposal should be inclusive of freight and all taxes to be delivered at COMSATS University Islamabad, Lahore Campus's premises.
10. Applicable Income tax and GST will be deducted at source/as per rules. In case of exemption, please mention and attach the proper documentation duly verified from the concerned tax authorities/FBR; however, CUI will be final authority to accept or reject the exemption certificate. In case of rejection, CUI will deduct all applicable taxes as per tax rate. CUI will provide a certificate of tax deduction and the vendor may claim refunds from Tax Authorities/FBR.
11. Multiple rates of an item may also lead to the rejection of bid / item.
12. After opening of bids, COMSATS University Islamabad, Lahore Campus will examine the bids for completeness as per tender document.
13. In case more than one bidder have quoted same rates for an item; the bidder securing more items (in terms of cost) will be awarded the specific item.
14. Purchase order (s) will be awarded to the evaluated lowest bidder (s) **on Item wise Basis.**
15. The bid should be submitted in a sealed envelope up to **December 20, 2023** on or before **1400hrs** and will be opened on the same date **at 1430hrs** in the presence of available bidders. In case of any holiday is announced by the Govt. OR any unforeseeable circumstances that prevent the tender from being opened on the date announced (Force Majeure Situation), the tenders will be opened on the very next working day. Timing will remain as mentioned in the tender notice.
16. The envelope should be marked as under;

Secretary, Purchase Committee
COMSATS University Islamabad, Lahore Campus
 Defence Road, Off Raiwind Road, Lahore.
 Tel: 042-111-001-007, Ext: 875
17. The envelope shall also bear the word "**CONFIDENTIAL**" and following identification quotation of **"FPGA Boards, Universal Lab Trainer, LED Light Panel, Testers, Window Blinds, IT & Electric Items for Labs of E&CE Department, CUI-Lahore Campus"**.
18. The bid form (BoQs) must be duly filled in, stamped and signed by the authorized representative of the bidder.
19. If the vendor fails to deliver the goods / services to COMSATS University Islamabad (CUI), Lahore Campus within the given deadline, any of the following can be opted by CUI Lahore campus on the recommendation of the end user and approval of the authority;
 - a. An extension in the delivery period may be granted in case a valid reason/justification with necessary documentary evidence is provided by the vendor supporting the reason for delay.
 - b. A penalty upto 10% of the invoice value may be charged.
 - c. Purchase order may be cancelled along with confiscation of earnest money if the vendor fails to deliver the goods / services after the initial or extended delivery time, as the case may be.
20. 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.


- 21. 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-Lahore 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.
- 22. Deduction of Income Tax and any other tax will be deducted at source according to Government prevailing rules.
- 23. Payment will be made as per PPRA rule on submission of Invoice in the name of "COMSATS University Islamabad, 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.
- 24. All prices should be quoted on F.O.R (Pak Rupees) inclusive of all applicable taxes.
- 25. All prices should be valid for at least **60 days**. Withdrawal or any modification of the original offer within the validity period shall entitle CUI- Lahore to forfeit the earnest money in favor of the CUI-Lahore and / or put a ban on such vendor participation in tenders / works.
- 26. It is the sole responsibility of the agent / supplier / manufacturer to comply with the applicable laws, be national or international.
- 27. In case of any dispute or grievance, the matter shall be addressed as per PPRA rules.
- 28. The CUI-Lahore Campus reserves the right to modify the quantities of goods / services at any time before the award of purchase / work order.
- 29. The prices / cost will be considered as inclusive of all applicable taxes.
- 30. CUI-Lahore Campus shall disqualify any firm(s), if at any stage; it finds that the information submitted, or documents provided are inaccurate, fake, ambiguous or incomplete.
- 31. COMSATS University Islamabad, Lahore Campus reserves the rights to accept or 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.
- 32. 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.
- 33. 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.

Part B: BoQs of FPGA Boards, Universal Lab Trainer, LED Light Panel, Testers, Window Blinds, IT & Electric Items for Labs of E&CE Department, CUI-Lahore Campus

Vendors must provide both the unit and total price of each item and calculations must be made carefully to avoid mistakes. However, in case, the total price does not match the unit price and quantity due to a calculation error or typo error, any of the following can be opted:						
<ol style="list-style-type: none"> The bid may be rejected on the reason of ambiguity (OR) Unit price will be considered as final, and the total price of the respective item will be calculated by multiplying it by the quantity required. Sub-totals and grand totals 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 the rejection of the bid (fully or partially).				Rates to be quoted inclusive of all (applicable) taxes		
Sr.	Item Name & Specifications	Qty.		Quoted Model / Brand	Unit Price (Rs.)	Total Price (Rs.)
RTES / CA/ DSD Lab						
1	FPGA Boards Components & Interface: Audio: Ionic; Expansion: Generic, HSMC; Industry Standard: Ethernet, PS2, RS232, USB Device; Video: Composite Input, VGA Output Board Feature: General User IO: 7 Segment Display, LED, Push Button, Slider Switch, AC Power cord, Universal AC Adapter Altera DE2 115 Cyclone IV (EP4CE115F29C7) or equivalent Warranty One Year	10	Nos.			
Electronics Lab						
2	Universal Lab Trainer DC Power Supplies Module: Fixed Output: +5V/1A, -5V/1A, +12V/0.5A, -12V/0.5A Variable Output: +0V ~ +24V/1A, -0V ~ -24V/1A, All power supplies are short circuit protected AC Power Supplies Module: 19V-15V-9V-0V-9V-15V-19V ETS-7000A or equivalent Warranty One Year	2	Nos.			
Power Transmission and Distribution Lab						
3	Push Button 600V/10A Red Sign Emergency Stop Switch Push Button Mushroom Push Button NO NC Local or China or equivalent Sample Available in Power Lab	5	Nos.			

4	<p>Emergency Stop Push Button Waterproof 660V 20A Red Sign Switch, Mushroom Push Button NO NC Local or China or equivalent</p> 	1	Nos.			
5	<p>Rotary Change over Switch, 63Amp, 4 Pole, Change Overs 1-0-2 CAMSCO or Equivalent</p>	1	Nos.			
6	<p>Circuit Breaker MCB 20 A, 3- Pole SCHNEIDER or equivalent Sample Available in Power Lab</p>	1	Nos.			
7	<p>Professional Insulation Tester Resistance: Test voltage 100 V : 0.1 MΩ ... 500 MΩ, Test voltage 250 V : 0.5 MΩ ... 1.99 GΩ, Test voltage 500 V : 1 MΩ ... 3.99 GΩ, Test voltage 1000 V : 2 MΩ ... 10 GΩ Open circuit voltage: Test voltage + 20 % Test current: 1 mA ... 1.2 mA @ 100 kΩ / 100 V, 1 mA ... 1.2 mA @ 250 kΩ / 250 V, 1 mA ... 1.2 mA @ 500 kΩ / 500 V, 1 mA ... 1.2 mA @ 1 MΩ / 1000 V Short-circuit current: ~ 2 mA AC voltage: 30 ~ 750 V DC voltage: 30 ~ 1000 V Operation temperature: 0°C ... 40 °C Permissible relative humidity: ≤ 85 % (non-condensing) Power supply: 8 × 1.5 V, type R 14/LR 14 battery – included 15 V DC / 600 mA (power adapter not included) Dimension: 202 × 155 × 91 mm temperature probe test leads UNI-T, UT511 or equivalent One Year Warranty</p>	2	Nos.			
8	<p>Clamp Multimeter 1. 1000A AC/DC current measurement, 3 times/s sampling rate 2. Auto/manual ranges selectable 3. Zeroing function 4. LCD backlight 5. Data hold; Duty cycle 6. Auto power off and low battery indication 7. Diode; Continuity buzzer; Input Impedance for DCV. UNI-T, UT207A or equivalent One Year Warranty</p>	2	Nos.			

9	Digital Earth Tester 1. Over range indication, test lead connection alarm 2. TEST button for fast capture of measurement values 3. 20-group data storage/recall 4. Backlight 5. Data hold 6. Auto power off/battery check 7. Earth voltage measurement Packing Listing 1 * UT522 Digital Earth Ground Resistance Tester 2 * Simple test lead, 3 * Standard with clip test line 2 * Auxiliary grounding nail 1 * English Manual UNI-T, UT522 or equivalent One Year Warranty	2	Nos.			
10	LED light panel 2' x 2' 40w, 240v, Roof Surface light, High Quality China or equivalent One Year Warranty	8	Nos.			
11	Multi Light Plug Socket 13A, 250V, Multiplug, Hight Quality Local or China or equivalent	3	Nos.			
12	Copper Wire Coil 3/.029 Red Colour, Single Core PVC, Pakistan Cable/GM Cable or equivalent	1	Nos.			
13	HDMI to VGA Adapter Cable HDMI male to VGA Female, Hight Quality Local or China or equivalent	1	Nos.			
14	2 Port VGA Splitter Cable VGA male to Dual VGA female, High Quality Local or China or equivalent	1	Nos.			
15	Dport to HDMI Adapter Cable Dport male to HDMI female, High Quality Local or China or equivalent	1	Nos.			
16	USB 3.0 Extension Cord Length: 2 Meter, Hight Quality Local or China or equivalent	1	Nos.			
DCCN / DSP Lab						
17	Power Cord for PC (2 pin Plug) Local or China or equivalent	15	Nos			
18	Power Cord for PC (3 pin Plug) Local or China or equivalent	15	Nos.			
19	VGA Cables 2 Meter Local or China or equivalent	10	Nos			
20	RJ45 Connector Local or China or equivalent	10 0	Nos			

21	VGA Cables 10 Meter Local or China or equivalent	3	Nos			
22	HDMI to VGA Connector Local or China or equivalent	3	Nos			
23	USB Extension Cable (1.5 meter) Local or China or equivalent	25	Nos			
24	Display Port Cable Local or China or equivalent	20	Nos			
25	FIT Plus USB 3.1 Flash Drive 128GB Samsung or equivalent	2	Nos			
26	Lithium Battery 3V (Coin Cell) for Computer Motherboard CR2032 or equivalent	40	Nos			
27	Ethernet Cable Tester Type of Tester Cable: STP/UTP twin twisted cable, coaxial cable, telephone line Locating Cable: 1 far-end passive test jack included Working Ambient Temperature: -10 ~ 60 °C (14 ~ 140 °F) Powered by: 4 x 1.5V AAA battery (not included) Tester Port: Tester RJ45 master port (M), tester LOOPBACK RJ45 port (L), far-end recognizer RJ45 port (R), Scope: 1 to 350M (3 to 1,200 FT) calibration Calibration accuracy: 3% ($\pm 0.5\text{m}$ or $\pm 1.5\text{ ft}$) (calibrating cable > 5 M) Shipment accuracy: 5% ($\pm 0.5\text{m}$ or $\pm 1.5\text{ ft}$) (AMP, AT&T Class 5 cable) Power Consumption: 16mA Display: Special 4*16 character big screen LCD lattice Sc8108 or equivalent Warranty One Year	1	No.			
28	I/O Jack Module Cat5/6 RJ45 Jack Local or China or equivalent	20	Nos			
DLD Lab						
29	Windows Rolling Blinds (84inch x 66inch) (H: 84inch) (W: 66inch) Providing and fixing of Roller blinds for window in size: as per site measurement verified, including the cost of Two PVC rolling bracket 2.5'' x 2.5'' x #2 with one chain machine, Top roller Aluminum 18 SWG pipe 2'' diameter, bottom aluminum 18 SWG pipe 1/2'' diameter with PVC end cap, chain for operating, screw etc. Complete in all respects as per satisfaction of Engineer in charge.	4	Nos			

Part C: Bid Evaluation Criteria

All bids shall be evaluated in accordance with the following evaluation criteria and other terms & conditions set forth in this bidding document.

- 1. Please submit the bid (rates) on our prescribed BoQs Form with complete terms and conditions signed & stamped, otherwise your bid (s) may be rejected.**
- 2. Brand name / model must be mentioned against items where required failing which the bid / item (s) may be rejected. Manufacturing origin can only be accepted against items where mentioned specifically in the BoQ form.**
- 3. Supporting literature of the quoted model must be attached (where available/required) for perusal of CUI Lahore to technically assess that the quoted item meet the required specifications and other conditions of our BoQs / tender document.**
- 4. The bids shall be evaluated to strictly ensure that the quoted brand/ model/ item meet all the BoQ/ specification requirements given in the tender document for each item.**
- 5. In addition to the BoQ requirements, vendors must meet the vendor qualification criteria /company profile requirements (if any), as set forth in this tender document.**
- 6. Bidders are requested to quote genuine / quality products without compromising on quality. The supplied products shall be inspected by our technical experts with respect to BoQs requirements and quality standards.**
- 7. Bidders are required to quote Genuine A+ quality products as copy and low-quality products shall not be accepted and the bidder will be responsible to replace the items which are not found as per the required quality standard.***