



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

Tender No. **CUI-LHR-TN-23-1709**

Case # 3852

Invitation to Bid

Single Stage One Envelope Procedure

Consumable Items for Labs of ECE Department for year 2023-24

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. Part / Advance payments is not allowed.
7. The exact completion/delivery time from the date of the purchase / work order will be **15 days**. The handing over / completion time for this contract is of critical importance.
8. Your bid proposal should be inclusive of freight and all taxes to be delivered at COMSATS University Islamabad, Lahore Campus's premises.

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9. 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.
10. Multiple rates of an item may also lead to the rejection of bid / item.
11. After opening of bids, COMSATS University Islamabad, Lahore Campus will examine the bids for completeness as per tender document.
12. 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.
13. Purchase order (s) will be awarded to the evaluated lowest bidder (s) **on item wise basis**.
14. The bid should be submitted in a sealed envelope up to **November 08, 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.
15. 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

The envelope shall also bear the word **“CONFIDENTIAL”** and following identification quotation of **“Consumable Items for Labs of ECE Department”**.

16. The bid form (BoQs) must be duly filled in, stamped and signed by the authorized representative of the bidder.
17. 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.
18. 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.

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19. 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.
20. Deduction of Income Tax and any other tax will be deducted at source according to Government prevailing rules.
21. 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.
22. All prices should be quoted on F.O.R (Pak Rupees) inclusive of all applicable taxes.
23. All prices should be valid for at least **30 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.
24. It is the sole responsibility of the agent / supplier / manufacturer to comply with the applicable laws, be national or international.
25. In case of any dispute or grievance, the matter shall be addressed as per PPRA rules.
26. The CUI-Lahore Campus reserves the right to modify the quantities of goods / services at any time before the award of purchase / work order.
27. The prices / cost will be considered as inclusive of all applicable taxes.
28. 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.
29. 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.
30. 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.
31. 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:**.....

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- **NTN# :**.....**GST#:**.....
- **Signature:**


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

Part B: BoQs of Consumable Items for Labs of ECE Department for year 2023-24, CUI-Lahore Campus

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).					Rate to be quoted Inclusive of all (applicable) Taxes		
Sr. #	Item Name & Specification		Qty.		Quoted Model / Brand	Unit Price (Rs.)	Total Amount (Rs.)
	DCCN / DSP Lab						
1	Digital Multimeter UNI-T	UT55 or equivalent	1	Nos.			
2	Screw Driver Kit		1	Nos.			
3	Intelligent LED Photometer Test Pen Voltage Detector Voltmeter 12-240V Circuit Tester		1	Nos.			
4	Universal Socket Double - ST Series		20	Nos.			
5	Power Socket Light Plug		10	Nos.			
6	Battery 9V DC		10	Nos.			
	DLD Lab						
7	IC 7400 NAND Gate		50	Nos.			
8	IC 7402 NOR Gate		50	Nos.			

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9	IC 7404 NOT Gate		50	Nos.			
10	IC 7408 AND Gate		50	Nos.			
11	IC 7432 OR Gate		50	Nos.			
12	IC 7420 4 input NAND Gate		30	Nos.			
13	IC 7483 4 Bit Binary Full Adder		20	Nos.			
14	IC 7485 4 Bit Comparator		20	Nos.			
15	IC 7486 XOR Gate		50	Nos.			
16	IC 7495 Shift Register		20	Nos.			
17	IC 7474 D-Flip Flop		30	Nos.			
18	IC 74139 De Mux		30	Nos.			
19	IC 74147 Encoder		20	Nos.			
20	IC 74148 Encoder		20	Nos.			
21	IC 74153 Multiplexer		20	Nos.			
22	IC 7447 BCD to 7 Seg Decoder		30	Nos.			
23	IC 7476 JK Flip Flop		20	Nos.			
24	Fuse 1 Amp		2	Packet			

25	Step Down Adaptor 220V to 110V		5	Nos.			
	Power Transmission and Distribution Lab						
26	Test Lead Colour: Red, Both ends: Stackable shrouded 4mm banana Plugs, Length: 1.5meter with Silicon Rubber Insulation, AWG: 22, Amp: 10, 30KV-DC, Sample available in Power Lab 	Local, China or equivalent	48	Nos.			
27	Test Lead Colour: Yellow, Both ends: Stackable shrouded 4mm banana Plugs, Length: 1.5meter with Silicon Rubber Insulation, AWG: 22, Amp: 10, 30KV-DC, Sample available in Power Lab	Local, China or equivalent	48	Nos.			
28	Test Lead Colour: Blue, Both ends: Stackable shrouded 4mm banana Plugs, Length: 1.5meter with Silicon Rubber Insulation, AWG: 22, Amp: 10, 30KV-DC, Sample available in Power Lab	Local, China or equivalent	48	Nos.			
29	Test Lead Colour: Black, Both ends: Stackable shrouded 4mm banana Plugs, Length: 1.5meter with Silicon Rubber Insulation, AWG: 22, Amp: 10, 30KV-DC, Sample available in Power Lab	Local, China or equivalent	48	Nos.			
30	Philips LED Bulb 13W, E27 Cap, 50/60Hz, 250 VAC	Philips or Equivalent	5	Nos.			
31	Philips Energy Saver 24W, E27 Cap, 50/60Hz, 250 VAC	Philips or Equivalent	5	Nos.			
32	WD-40 350ml	Local	1	Nos.			
	RTES / CA/ DSD Lab						
33	Jumper Wires 40 Pin – 20 cm pin to pin Jumper wires		50	Strip			
34	Jumper Wires 40 Pin – 20 cm pin to hole Jumper wires		50	Strip			

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35	IC MCP 3008/3208		50	Nos.			
	MSI / VLSI Lab						
36	Jumper Wires 40 Pin – 30 cm Female to Female Jumper wires		5	Strip			
37	Jumper Wires 40 Pin – 30 cm Male to Female Jumper wires		5	Strip			
38	Power Cord for computer (2 Pin)		16	Nos.			
39	Aluminum Floor Cable Cover 2439mm x 139mm		1	Nos.			
40	SIP Resistor 8 Pins		30	Nos.			
	Control / EMI Lab						
41	Resistor(1/4W)1Ω		1	PKT			
42	Resistor(1/4W)4.7Ω		1	PKT			
43	Resistor(1/4W)10Ω		1	PKT			
44	Resistor(1/4W)22KΩ		1	PKT			
45	Resistor(1/4W)33Ω		1	PKT			
46	Resistor(1/4W)47Ω		1	PKT			
47	Resistor(1/4W)56Ω		1	PKT			
48	Resistor(1/4W)82Ω		1	PKT			
49	Resistor(1/4W)100Ω		1	PKT			


50	Resistor(1/4W)150Ω		1	PKT			
51	Resistor(1/4W)220Ω		1	PKT			
55	Disk Capacitor1nF		100	Nos.			
56	Disk Capacitor10nF		100	Nos.			
57	Disk Capacitor100nF		100	Nos.			
58	LEDs5mm		100	Nos.			
59	Electrolytic Capacitor1uF		50	Nos.			
60	Electrolytic Capacitor2.2uF		50	Nos.			
61	Electrolytic Capacitor10uF		50	Nos.			
62	Electrolytic Capacitor22uF		50	Nos.			
63	Electrolytic Capacitor100uF		50	Nos.			
64	Electrolytic Capacitor220uF		50	Nos.			
65	Variable Capacitor10pF		50	Nos.			
66	Variable Capacitor50pF		50	Nos.			
67	Variable Capacitor100pF		50	Nos.			
68	Inductor1mH		50	Nos.			

69	Inductor2.2mH		50	Nos.			
70	Inductor8mH		50	Nos.			
71	Inductor10mH		50	Nos.			
72	Inductor25mH		50	Nos.			
73	Inductor50mH		50	Nos.			
74	Temperature Sensor LM 35		10	Nos.			
75	Light Sensor LDR		10	Nos.			
76	Jumper Wire 1kg		1	KG			
77	DP to VGA Convertors		10	Nos.			
78	Oscilloscope Probes		10	Nos.			
79	Battery 9 Volt for DMM		20	Nos.			
	Project & Research Lab						
80	Soldering Wire 0.8mm/300G		1	Nos.			
81	Star Set for Electric use (Heavy Duty)		1	Nos.			
82	Screwdriver Set Tool Kit (Heavy Duty)		3	Nos.			
83	Plier (Heavy Duty)		3	Nos.			
84	Cutting plier (Heavy Duty)		3	Nos.			

85	Long Nose Plier (Heavy Duty)		3	Nos.			
86	9 Volt Battery for DMM (Heavy Duty)		20	Nos.			
	Electric Machines Lab						
87	9 volt battery for DMM	Power or equivalent	50	Nos.			
88	Cell 1.5 volt, AA Size	Toshiba or equivalent	200	Nos.			
	Communication System Lab						
89	IC AD 633		12	Nos.			
90	IC XR 2206		12	Nos.			
91	IC 7408, 8 Pins		12	Nos.			
92	BNC Cable		12	Nos.			
93	Multicolor & multi-conductor Cables RED, Green, Blue, Black, and Yellow (The length of each color cable is 03 Meters)		15	Meter			
	Computer Lab						
94	Remote LAN Cable Tester	Black Copper BC-CBTRM1 or Equivalent	1	Nos.			
95	Wire Stripper		1	Nos.			
96	Electrical Wire Cutter Plier	6Inch(150 MM) or equivalent	1	Nos.			
97	Crimping Tool		1	Nos.			

	Circuit Analysis Lab						
98	Resistor 1 Ω (1W)	Local, China or equivalent	1000	Nos.			
99	Resistor 10 Ω (1W)	Local, China or equivalent	1000	Nos.			
100	Resistor 22 Ω (1W)	Local, China or equivalent	1000	Nos.			
101	Resistor 47 Ω (1W)	Local, China or equivalent	1000	Nos.			
102	Resistor 82 Ω (1W)	Local, China or equivalent	1000	Nos.			
103	Resistor 100 Ω (1W)	Local, China or equivalent	1000	Nos.			
104	Resistor 180 Ω (1W)	Local, China or equivalent	1000	Nos.			
105	Resistor 220 Ω (1W)	Local, China or equivalent	1000	Nos.			
106	Resistor 330 Ω (1W)	Local, China or equivalent	1000	Nos.			
107	Capacitor 1nf (16V)	Local, China or equivalent	500	Nos.			
108	Capacitor 10nf (16V)	Local, China or equivalent	500	Nos.			
109	Capacitor 100nf (16V)	Local, China or equivalent	500	Nos.			
110	DC Battery 9V	Local, China or equivalent	100	Nos.			
111	Multi Meter Probes	Local, China or equivalent	20	Nos.			
112	Jumper wire	Local, China or equivalent	2	Kg			

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113	Cells AA 1.5v	Local, China or equivalent	50	Nos.			
114	Oscilloscope Test Probe for Function Generator Lead Cable BNC Male PlugQ9to Dual Clip 0.5m , 20MHZ	Local, China or equivalent	20	Nos.			
	Electronics Lab						
115	Round Header pins 		1000	Nos.			
116	Resistor 1K Ω (1/4W)	China or equivalent	1000	Nos.			
117	Resistor 10K Ω (1/4W)	China or equivalent	500	Nos.			
118	JFET J305	China or equivalent	300	Nos.			
119	9V Battery Heavy Duty Non-Rechargeable	China or equivalent	80	Nos.			
120	PVC Cable Tie 12" (in Pkt)	Local or equivalent	100	Nos.			
121	Primary Cell Super Heavy Duty 1.5V, AA,	Toshiba or equivalent	80	Nos.			
122	Multi Meter Probes Red and black color leads Cable length: 58cm (without plugs or leads) Plug external diameter: 8mm Plug internal diameter: 6mm Internal plug metal conductor: 3mm-4.5mm banana plug Lead length: 10.5cm Rated as 1000V Max, 10A Max, CAT II 600V Metal conductors	China or equivalent	10	Nos.			
123	Transistor (NPN) 2N3904		600	Nos.			
124	1 Slot AA Size Power Battery Storage Case Box Holder With Wire Leads		80	Nos.			
125	Diodes IN4007		600	Nos.			
126	Transistor (PNP) 2N3906		200	Nos.			

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127	Oscilloscope Test Probe for Function Generator Lead Cable BNC Male Plug Q9 to Dual Clip 0.5m , 20 MHZ		40	Nos.			
128	5A Banana Plugs To Crocodile Clamps Test Leads Line DC Power Supply Alligator Clips Test Lead Cable Wire 1M		60	Nos.			
129	Jumper wire		03	Kg			
130	Fuse for Digital Power Supply 10 Amp		20	Nos.			
131	Wire stripper 175*85mm” THT15606		01	Nos.			

Note: Bidders are required to kindly visit the CUI-Lahore Campus and inspect the samples of all items before quoting rates to avoid quality and specification issues.

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.

- Please submit the bid (rates) on our prescribed BoQs Form with complete terms and conditions signed & stamped, otherwise your bid (s) may be rejected.**
- 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.**
- 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.**
- 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.**
- 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.**
- 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.**