



COMSATS University Islamabad (CUI), Lahore Campus

Defence Road, Off Raiwind Road, Lahore

Tender No. CUI-LHR-TN-13-18-1296

Case # 2861

Single Stage One Envelop Procedure

Title of Tender: **Lab Items & Repair of Equipment for Undergraduate Lab for Fall-2019, Chemical Engineering Department**

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. 500/-** as a tender documents fee (Non-Refundable) shall be submitted in favor of COMSATS University Islamabad, 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 20 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 and to be delivered at CUI, Lahore Campus's premises.
9. After opening of bids, 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 **October 02, 2019** on or before **1400hrs** and will be opened on the same date **at 1430hrs** in the presence of available bidders.
12. 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 **“Lab Items & Repair of Equipment for Undergraduate Lab for Fall-2019, Chemical Engineering Department”**.

13. The bid form (BoQs) must be duly filled in, stamped and signed by the authorized representative of the bidder.
14. **If the vendor fails to deliver the goods / services to 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.
15. 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.
16. Deduction of Income Tax and any other tax will be deducted at source according to Government prevailing rules.
17. Payment will be made 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.
18. All prices should be quoted on **F.O.R (Pak Rupees) inclusive of all taxes.**
19. 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 Campus to forfeit the earnest money in favor of the CUI-Lahore Campus and / or put a ban on such vendor participation in CUI tenders / works.
20. It is the sole responsibility of the agent / supplier / manufacturer to comply with the applicable laws, be national or international.
21. In case of any dispute or grievance, the matter shall be addressed as per PPRA rules.
22. The CUI-Lahore Campus reserves the right to modify the quantities of goods / services at any time before the award of purchase / work order.
23. **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”.**
24. COMSATS University Islamabad, 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.
25. 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.

26. 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.

BoQs of Lab Items & Repair of Equipment for Undergraduate Lab for Fall 2019, Chemical Engineering Department

<p>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:</p> <ol style="list-style-type: none"> 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 						
<p>No change in the BoQs (Specs & Qty.) of CUI-LHR. 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-LHR. BoQ may lead to rejection of bid (fully or partially).</p>					<p>Rates to be quoted inclusive of all (applicable) taxes</p>	
Sr. #	Item's Name	Description/ Specifications	Qty.		Quoted Model / Brand	Total Amount (Rs.)
Lab Items						
1	Lab Coat	Local (Extra large)	3	Nos		
2	Safety Goggles	Local	4	Nos		
3	Safety Gloves	Rubber	4	Pairs		
4	pH Controller	Measuring Range (pH): 0 - 14 scale Measuring Scale (Temperature): 0 - 200°C Power Requirement: 12 - 24 VDC	1	No.		

5	Temperature Controller	Temperature range: -50 to 110°C Power: 12 VDC Environmental Requirements: -10 ~ 60 degree, humidity 20% - 85%	1	No.		
6	Pressure Controller	Supply: 5 VDC A: 0 - 50mV	1	No.		
7	Scissor	Local	2	No.		
8	Screw Drivers and Pliers	Local	2	No.		
9	Aligator Clamps	Local (All sizes)	12	No.		
10	Insulation Tapes	Local	12	No.		
11	Workpiece (cut by gas weld) for lathe machine	25x120 mm	50	Nos		
12	Workpiece for fitting shop (cut by hacksaw)	L=70 mm, W=50mm, thickness=9mm	50	Nos		
13	Welding rod (10 numbers)	J38 or equivalent	1	Pack		
14	Bench grinder wheel	(Mild Steel) dia=10 in	1	No.		
15	Bench grinder wheel	(Carbide) dia=10 in	1	Nos		
16	Cutting Tools Of Lathe Machine	parting tool	3	Nos		
17	Cutting Tools Of Lathe Machine	right angle tool	6	Nos		

18	Cutting Tools Of Lathe Machine	threading tool	2	Nos		
19	Cutting Tools Of Lathe Machine	boring Tool	4	Nos		
20	Machine oil (For Lubrication of Machines)	Caltex or equivalent	2	Liter		
21	Electric cables (For Electric Shop)	3/29 (2black + 2red) GM cable or equivalent	4	Coils		
22	Pillar Drill Machine Table	Metallic 2'x2'x2'	1	Nos		
23	Electrical Board Plate	6"x4"	6	Nos		
24	Hacksaw blade	Eclipse (England) or equivalent	10	Nos		
25	Duster for machine	cloth duster	5	Kg		
26	Electrical Extension Plate for Extension Lead	6"x4"	6	Nos		
27	Wooden Work Piece for Wood Planner	2"x2"x20'	4	Nos		
28	Hole Saw for Glass Cutting	1/2", 3/4", 1", 1.25"	4	Nos		
29	Diamond Cutting Disk	7"	2	Nos		
30	Electric Wooden Boards	4"x4"	6	Nos		
31	Electical Insulation Table	Nitto or Osaka	12	Nos		

32	Cutting disc (For Cut-Off Machine)	14"	2	Nos		
33	Electrical Wooden Board	6"x4"	6	Nos		
34	Teflon tape		12	Nos		
35	Electric shoe		12	Nos		
36	Dial Indicator Guage (For Tolerance Check of milling, shper, lathe etc)	0 mm to 1mm	1	Nos		
37	Drill Bits	0.5mm, 1mm, 1.5mm, 2mm, 2.5mm, 3mm, 3.5mm, 4mm, 4.5mm, 5mm (04 no's each size)	40	Nos.		
38	Letter Punch Set		1	Nos		
39	Nut Bolt	3/8", 7/16", 1/4", 9/16" (One dozen of each size)	4	Dozen		
40	Right Angle Cutting Tool for New Lathe	3/4" x 3/4"	4	Nos		
41	Reamers	10mm	2	Nos		
42	Reamers	1/2"	2	Nos		
43	Reamers	8mm	2	Nos		
44	Counter Sink	10mm	2	Nos		
	Counter Bore	10mm	2	Nos.		

45	Wooden Board for Electric Shop	3'x3'	1	Nos		
46	Safety Helmet	Local or China or equivalent	5	Nos		
47	Tail Stock Base Plate	For Lathe Machine of 3'	1	No.		
		For Lathe Machine of 5'	1	No.		
48	Diamond File Set	6"	2	Nos		
49	Door Lock	China	3	Nos		
50	Cabinet Lock	China or Local	12	Nos		
51	Chalk	Local or China	2	Box		
52	File Handle	Wooden	12	Nos		
53	Hand Gloves for Metal Working Etc.	PIP G-TEK X7 16-368 NeoFoam Coated Cut Resistant A3 Touch Screen Work Glove or Equivalent	2	Pairs		
54	Leather Gloves	Short	2	Pairs		
55	Vernier Caliper	Mitotoyo 300mm Or equivalent	2	Nos		
56	Lathe Tool Post Packing	3/4"x4"x1/8"	50	Nos		
57	Lab Coat	Jeans Stuff	2	Nos		
58	Workshop Safety Shoes	9 number	1	No.		
59	Aluminium Cutter for Cut Off Machine	14"	1	No.		

60	Liquid Detergent (for glass ware)	Local Standard size	2	Bottles		
61	Liquid Detergent (for hand wash)	Local 500ml	3	Bottles		
62	Tissue Roll	Local (small Size) (6 rolls in 1 pack)	2	Packs		
63	Lab Coats	Local	5	pcs		
64	Safety goggles	Local	15	Pcs		
65	Dusting pieces (cloth)	Local	5	Kg		
66	Dish Wash for Washing Glassware	Max or equivalent	3	Nos		
67	Hand wash	Lifebuoy or equivalent 500ml	3	Nos		
68	China Dishes	Ceramic 35ml, 60ml (12 Nos each size)	24	Nos.		
69	Petri Dishes	Medium size	12	Nos.		
		Glass 60x17mm,	12	Nos.		
		Glass 75x17mm	12	Nos.		
		Glass 90x12mm	12	Nos.		
70	Test Tubes	20 ml, glass	1000	Nos		
71	Weighing Balance	Max. 220gm, D= 0.1mg	1	No.		
72	Conductivity Meter	PH, Conductivity and TDS meter	1	No.		
73	Magnetic Hot plate with Stirror	(Wincom company) 78-1 (China) or equivalent	5	Nos		

74	Magnetic Bar	B10, B15 B20, B25, B28, B30 (06 Nos. each Size)	36	Nos		
75	Surgical Gloves	Small, Medium & Large (06 Boxes each size)	18	Boxes		
76	Face Mask	Local	6	Boxes		
77	Safety Goggles	Local	24	Nos		
78	Filter Paper	Whattman or equivalent	6	Boxes		
79	Quickfit Flask	100 ml, 250ml & 500ml glass (6 Nos each Size)	18	Nos.		
80	Distillation head, Receiving Head and Receiving flask	Distillation head= 24/29 (14/23),	6	Nos.		
		Receiving Head= 24/29 and Receiving flask= 250mm	6	Nos.		
		Receiving flask= 250mm	6	Nos.		
81	Tissue paper role	Jumbo size	6	Nos		
82	@ Naphthol soln		1	Liter		
83	Alkaline hydrobromide soln,		1	Liter		
84	Mercuric sulphate		1	Kg		
85	Molisch Reagent		1	Liter		
86	Rubric acetate		1	Kg		
87	Thin Layer Chromatography card		1	Packet		
88	Chromatography Paper		1	Packet		

89	Potassium bisulphate		1	Kg		
90	Critical Point Apparatus	New Gas cylinder of Sulphur Hexafluoride gas cylinder is required (Small size)	1	No.		
91	Thermal Conductivity Apparatus	New gas cylinder of Helium is required (Small size)	1	No.		
92	Lab Coats	Local	5	Pcs		
93	CO ₂ Cylinder	Refill	1	No.		
94	Safety Goggles	Local	15	Pcs		
95	Dusting Pieces (Cloth)	Local	5	Kg		
96	Hot Plate with Stirrer	0-370 Celcius Company (VELP scientific) or equivalent	1	No.		
Repairing Items						
97	Hot Air Oven Model #: Won-105 capacity=105 liter Power : 220V, 50/60 Hz	Problem with electric supply (panel) and digital display. Vendors required to quote total price for repair and maintenance as per following terms and conditions.	1	No.		
98	Spray Dryer (Elettronica Veneta)	HMI / PLC Repair needs to repaired. Vendors required to quote total price for repair and maintenance as per following terms and conditions.	1	No.		
99	Double Effect Rising Film Evaporator (Edibon)	Computer/ Hardware Card is out-dated, new card is required, and it`s configuration with PC as well. Vendors required to quote total price for repair and maintenance as per following terms and conditions.	1	No.		

100	Level Monitoring Rig	Valves and float sensor need to be replaced. Vendors required to quote total price for repair and maintenance as per following terms and conditions.	1	No.		
101	Computer Controlled Continuous and Batch Filtration Unit (TFUC)	Computer not Supporting Equipment's Card. Possibility of repair is "Computer having appropriate card slot for interface card of TFUC". Vendors required to quote total price for repair and maintenance as per following terms and conditions.	1	No.		
		Repairing and maintenance of Edibon App Motor/Pump ; Repair & Service (overhauling). Centrifugal Pump (max. 4 bar). Vendors required to quote total price for repair and maintenance as per following terms and conditions.	1	No.		
102	Conduction through different Metallic rods (3 Phase electricity equipment)	Heater is not working due to Relay. Need to replace Contactor and Power Switch 30 Ampre (Siemens). Vendors required to quote total price for repair and maintenance as per following terms and conditions.	1	No.		
103	Edibon Base Unit (single phase electricity equipment)	Flow sensor & Heater Issue. (IPL water flow sensor, Jr-A168, 3 wires). Vendors required to quote total price for repair and maintenance as per following terms and conditions.	1	No.		
104	SOLID LIQUID extraction	Glass tube is broken. The required specification of glass tube is Inner diameter: 69 mm, Outer diameter: 75 mm, Length: 24 inch Vendors required to quote total price for repair and maintenance as per following terms and conditions.	1	No.		

105	Liquid-Liquid extraction (Edibon)	Repairing and Maintenance of feed pump (Model=UELL, Sr. #. UGLL 18113) Vendors required to quote total price for repair and maintenance as per following terms and conditions.	1	No.		
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Special Terms and conditions;

1. **The interested parties are requested to kindly visit the Chemical Engineering Department, CUI-Lahore Campus to check / diagnose the problem before quoting prices.**
2. **After inspection, vendors are required to provide detail of services to be provided and / or change of any faulty part to be replaced on company letter head to be attached along with bid.**
3. **The vendor will return the faulty part that has been replaced to CUI Lahore.**
4. **The Equipment should be in proper working condition in all aspects.**
5. **Please submit the bid on CUI-Lahore Campus's prescribed BoQs with complete terms and conditions signed, stamped, otherwise your bid (s) may be rejected.**
6. **Please quote the rates on our BoQs and clearly mention the quoted model / brands, otherwise your bid / items may be rejected.**
7. **Purchase / work order (s) will be awarded on Item Wise Basis as mentioned in BoQs.**
8. **Multiple rates of an item may also lead to the rejection of bid / item.**