



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

CUI-LHR-TN-25-1882

Invitation to Bid

For Procurement of

4482-Permanent Equipment under PSF-NSFC Funded Project awarded to Dr. Muhammad Nasir-IRCBM, CUI-Lahore Campus

Category of procurement	Goods
Procurement Method/ Procedure	Open Competitive Bidding/ <u>Single Stage One Envelope Procedure</u>
Submission Type	By Uploading File on PPRA EPADS
Tender Fee	<u>Rs. 1,500/-</u> as per clause # 5 & 6 <i>also email the Scan Tender Fee Draft only on emails; asifullah@cuilahore.edu.pk, mshahid@cuilahore.edu.pk, pms@cuilahore.edu.pk</i>
Bid Security Amount	<u>Rs. 14,600/-</u> as per clause # 5 & 6 <i>also email the Scan CDR Draft only on emails; asifullah@cuilahore.edu.pk, mshahid@cuilahore.edu.pk, pms@cuilahore.edu.pk</i>
Bid Closing date/ time	<u>December 11, 2025, 1400 hrs</u> (Bids will be opened after 30 minutes)
Bid Validity days/ Date	60 Days
Delivery days (after PO issuance)	<u>30 Days</u>
Decision Criteria for awarding of contract / PO	Items having at Sr. No. 3 to 6 will be procured on turnkey basis and rest all will be procured on item wise basis
COMSATS University Islamabad, Lahore Campus, Tax Free Number (TFN)	9013701-9
Retention Money against warranty items (applicable or not applicable)	Not applicable

Part: A GENERAL TERMS AND CONDITIONS

- 1. All pages of bidding documents are mandatory to be signed / stamped before uploading at EPADS, 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.*

Signature & Stamp of Bidder

4. The contract will be executed and handed over in satisfactory conditions up to the entire satisfaction of COMSATS University Islamabad, Lahore Campus.
5. *The bidder is required to furnish tender fee (non-refundable) and earnest money in form of Bank deposit/ CDR / Pay order crossed in favor of “COMSATS University Islamabad, Lahore Campus”.*
6. *Bidders are advised to upload scan copy of bank instruments (tender fee and earnest money) at PPRA EPADS along with their respective bid. However, original bank instruments must be submitted before closing time of the tender. Any bid not accompanied with earnest money or tender fee shall be rejected without any right of appeal.*
7. *CUI-Lahore Campus will retain the 5 % amount, at the time of release of payment, 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/supply or installation (as the case may be).*
8. Part / Advance payments is not allowed.
9. Your bid proposal should be **on F.O.R (Pak Rupees) inclusive of all applicable taxes and freight** to be delivered at COMSATS University Islamabad, Lahore Campus’s premises.
10. 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 Majure Situation), the tenders will be opened on the very next working day. Timing will remain as mentioned in the tender notice.
11. After opening of bids, COMSATS University Islamabad, Lahore Campus will examine the bids for completeness as per tender document.
12. Multiple rates of an item may also lead to the rejection of bid / item.
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. The bid form (BoQs) must be duly filled in, stamped and signed by the authorized representative of the bidder.
15. 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.
16. 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.
17. **If the vendor fails to deliver the goods / services to COMSATS University Islamabad (CUI), Lahore Campus within the given deadline, following action may be taken by CUI Lahore Campus**
 - a. A late delivery charge of **1% of the total amount of the undelivered item** will be imposed for each day the delivery is delayed after the Purchase Order (PO) deadline.

Signature & Stamp of Bidder

- b. Once the penalty reaches the 10% maximum, the **PO may be cancelled**, and the **Call Deposit Receipt (CDR) / Earnest Money** will be confiscated.
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.
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. 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.
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. 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.
25. COMSATS University Islamabad, Lahore Campus reserves the right to reject the bid if;
- i. Received without earnest money and tender fee,
 - ii. The tender is unsigned/ unstamped
 - iii. The offer is ambiguous
 - iv. The offer is conditional
 - v. **The offer is from a firm, either which is black listed OR the firm / company is involved in litigation with Procuring Agency**
 - vi. The offer is received by telephone/telex/fax/telegram.
 - vii. Any unsigned / ambiguous erasing, cutting / overwriting etc. is made.
26. **Please also submit the affidavit that the neither company/firm is blacklisted nor involved in the litigation with Procuring Agency.**
27. CUI Lahore can initiate blacklisting proceedings against the bidder for irregularities or violations committed during bidding and contract execution. The blacklisting proceedings will be initiated in line with the reasons and mechanism for blacklisting and debarment as mentioned in PPRA SRO 460 (I)/ 2024 dated 28th March 2024.
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#:**.....**PGST#:**.....
- **Signature:**

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

Part B: BoQs of required item (s):

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:

1. The bid may be rejected on the reason of ambiguity (OR)
2. 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

Note:

Bidders are required to quote the rates for the quantities / measurement unit mentioned in our BoQ. It is strictly advised that no change in quantity/ measurement unit due to different packing size may be made/ written by the vendor while quoting the price. In case, vendor has some different packing size, the same may be converted /calculated as per our required quantity unit/packing size failing which bid/ item may be rejected.

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 Amount (Rs.)
	Hydrogen and Oxygen Evolution from Water Splitting Assembly (Purpose: Described below are the units/parts of the Hydrogen and Oxygen Evolution from Water Splitting Assembly. This may comprise of a single entity/ system or could be provided in separate units having compatible interfaces for assembly)				
1	<u>1.1 Black Box:</u> Material: Anti corrosion powder coated Metallic body Dimensions = 2/2/3 (length/depth/Hight) feet with lockable front door Electrical wiring and control for lamp, stirrer and fans Customized holes for water pipes and electric wires Annexure 1	1	Nos.		
2	<u>1.2 Imported branded Magnetic Stirrer with hot plate:</u> Imported with high quality Lab Scale Magnetic stirrer with magnetic speed of 1500 rpm or better. And heating of 380 °C or more with digital readout. Stirring volume 800 ml to 1 liter or better. Size more than 6 x 6 in. Also, could fit with the external temperature sensors and its mount. Verifiable specification sheet should be provided. Annexure 2	1	Nos.		
3	<u>Double jacketed Immersion well (condenser)</u> <u>containing</u> two small ports of water in and out for lamp heat dissipation made up of High-Grade Quartz material Annexure 4	6	Nos.		

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4	<u>Jacketed Reaction Vessel with inner volume</u> of 250 ml leakage proof and ultra-airtight 3 ports (1 for solvent feeding, 1 for gas inlet and 1 for gas outlet) Could fit in a vertical condenser inside and made up of High-Grade Quartz material as shown in the Annexure 5	3	Nos.			
5	<u>Jacketed Reaction Vessel with inner volume</u> of 500 ml leakage proof and ultra-airtight 3 ports (1 for solvent feeding, 1 for gas inlet and 1 for gas outlet) Could fit in a vertical condenser inside and made up of High-Grade Quartz material as shown in the Annexure 6	3	Nos.			
6	<u>Airtight high grade temperature resistant PTFE</u> connector to connect lamp housing of Sr. No. 3, 4 and 5 of reaction vessel, Annexure 7	6	Nos.			
7	<u>Reflux Condenser vertically connected with reaction vessel,</u> Dimensions = to fit to the Sr. No. 4 and 5. As per attached drawing Annexure 8	6	Nos.			
8	<u>Detector mount assembly</u> Hydrogen detector mount assembly for connecting the detector with the reaction vessel. Annexure 3	1	Nos.			
9	<u>Dissolved Oxygen Meter</u> Dissolved oxygen meter with range from 0-20 mg/L Accuracy 0.1 mg/L, Annexure 9	1	Nos.			
10	<u>Handheld pH meters</u> Range 0.0 - 14.0 PH. Resolution: 0.1 PH Accuracy: $\pm$ in 0.1 pH Hanna pH meter or better quality, Annexure 10	2	Nos.			
11	<u>Weighing balance</u> Digital Balance with measuring range 0.001 to 320gm Annexure 11	01	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 meets 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 required 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. The bidder will be responsible to replace the items which are not found as per the required quality standard.

References Pictures are attached here;

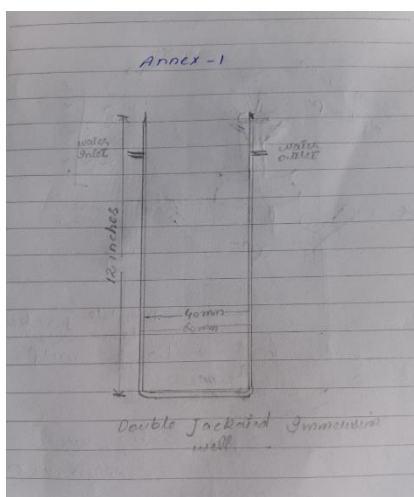
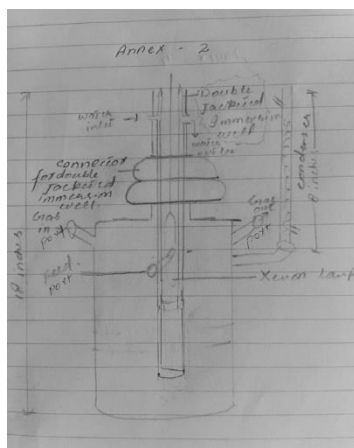
Annexure-1; Box, Inside and Outside, Metallic Chamber

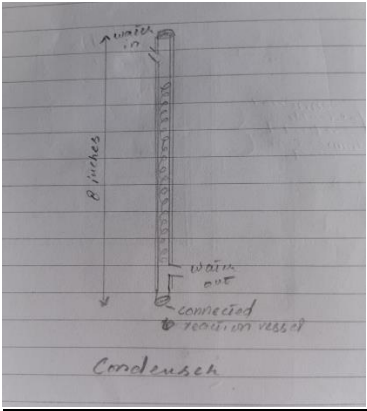


Annexure-2; Magnetic Stirrer with Hot Plate and external temperature with mount assembly



Pictures are for reference purposes

Annexure-3: Detector mount assembly**Annexure-4: Double Jacketed Immersion Well (Condenser for Lamp Housing)****Annexure-5: Jacketed Reaction Vessel 250 ml with PTFE connector on Neck connecting Reaction Vessel and Lamp Housing****Annexure-6: Jacketed Reaction Vessel 500 ml with PTFE connector on Neck connecting Reaction Vessel and Lamp Housing****Annexure-7: PTFE Connector on Neck connecting Reaction Vessel and Lamp Housing****Annexure-8: Reflux Condenser Vertically Connected with Reaction Vessel**



Annexure-9; Dissolved Oxygen Meter



Annexure-10; Handheld pH meter



Annexure 11: Weighing balance

