GOVERNMENT COLLEGE UNIVERSITY FAISALABAD

TENDER DOCUMENT No. GCUF/Physics/LCF/3/2022

Supply of Lab Equipment for Plasma Processing of Electrode Materials Lab, Department of Physics underLocal Challenge Fund (LCF-HEDP) Ref No. 20-LCF-10/RGM/R&D/HEC/2020 entitled "Plasma nanoscience-based transition metal dichalcogenides nanostructured electrode materials for energy storage applications".

Tender Fee: Rs. 1000/-

Sealed Tenders are invited from the well reputed firms / suppliers, who are registered with Tax Departments for supply of Lab Equipment for Plasma Processing of Electrode Materials Lab, Department of Physics underLocal Challenge Fund (LCF-HEDP) Ref No. 20-LCF-10/RGM/R&D/HEC/2020 entitled "Plasma nanoscience-based transition metal dichalcogenides nanostructured electrode materials for energy storage applications" atthe Department of Physics, Government College University Faisalabad.

GENERAL TERMS & CONDITIONS

1. Tender Opening Date &Procedure:

- 1.1 The procurement shall be completed in accordance withPunjabProcurement Rules 2014, on **Single Stage - Two Envelope** BiddingProcedure.
- 1.2 Bids in complete conformity with Tender Documents will be dropped in Tender Box placed at the office of undersigned, not later than **11-05-2022** on **11:00 A.M** whichshall be opened on same day at **11:30 A.M** in Department of Physics.

Note:
- Tender Number must be mentioned onenvelope.
- Both Technical and financial proposal shall be written on the letter head of the company/ firm alongwith other prescribeddocuments.

2. Tender Fee, Bid Security and PerformanceSecurity:

- 2.1 The Bid must be accompanied by Tender Fee of Rs:1000/- (non refundable) in shape of Call Deposit Receipt (CDR) in original and Bid Security of 2% of Estimated Price of Rs.4,805,000/-(refundable) in shape of Call Deposit Receipt (CDR) inoriginal.CDRs must be in favor of Treasurer, Government College University, Faisalabad.
- 2.2 The successful bidder shall submit performance security @ 10% of their quoted bid before issuance of supply order which shall be released after successful completion of warranty period.

3. Terms of Technical &Financial Proposal

3.1 The bidder should read carefully "Equipment Description and Specifications" before preparing Technical and Financial Proposals.

3.2 The Bidders are required to submit their financial proposals in foreign currency e.g.USD, EURO, POUND etc. on the basis of Cost, Insurance & Freight (CIF) value inclusive of all clearance charges, L/C charges (e.g. opening, amendment, release, and cancellation), local carriage charges etc till delivery of equipment(s) at GCUF.

3.3 For price comparison, the prices quoted in foreign currency will be converted to PKR, for which the State Bank of Pakistan forex rate (Interbank-Selling) on the day of financial bid opening will be considered.

3.4 Letters for custom duty / excise duty / sales tax / other surcharge exemptionswill be issued on the provision of Airway Bill (AWB) / Bill of Lading (BL), country of origin, credentials of clearing agent etc, wherever applicable. At least 10 working days will be required to provide the said documents to the vendor, therefore the request for the provision of exemption certificates, endorsed AWB / BL and approved EIF should be sent accordingly.

3.5 The quoted price should be item wise. The vendor may quote all items or partial items. However, the comparison of price will be made on the basis of each item and purchase order/ contract agreement will also be awarded accordingly.

3.6 The bidder should quote single option of each item which may be equivalent to or higher than the required specifications. No alternative / multiple options will be accepted. The mentioned brand / trade name within the tender document are for reference / quality control, any item equivalent / compatible to that can be quoted.

3.7 Any term &condition written in technical or financial offer that is in conflict / contrary / conditional to the terms and conditions laid down in the said tender document will be considered null and void. Participation in the tender will mean that the bidder has accepted the terms and conditions of tender documents.

4. Validity of Offers and Mode of Import:

4.1 Offers shall be valid for 180 days from the closing date of submission of bids.

4.2 Withdrawal / modification of the original offer within the validity period shall entitle the University to forfeit Bid Security.

4.3 Sales Tax Number and NTN Number must be mentioned clearly on the letter head/ cover letter/ bidding documents.

4.4 The GCUF reserves the right to delete or decrease quantities as well as suspend / cancel whole tender / purchase order/ contract agreementor any part of it, without assigning any reason thereof and without any obligation what so ever.

4.5 The University reserves the right to reject all bids / proposals at any time prior to the acceptance of bids or proposals as provided under Rule-35 of Punjab Procurement Rules 2014. However, upon bidder’s request the ground of rejection will be communicated to the concerned but no justification will be given as per PPRA Rule 35(2).

4.6 **The equipments must should be quoutedon bothC&F& FOR basis;**

a. In case of importable items through **LC at Sight**, the vendor will request GCUF to establish LC on the name of his principal(s) by providing the original proforma invoice(s) containing the Description of item(s), Price, HS Code, Country of origin, Beneficiary’s bank details etc along with original insurance documents, premium paid receipt and the CDR / Bank Guarantee of amount equal to their proforma invoice(s) in the name of "Treasurer, GCUF” within 15 days of issuance of purchase order / contract agreement.

b. While, in case of importable items through**LC on Usance Basis** (60 days credit from the AWB Date), the vendor will request GCUF to establish LC (Usance Basis) on the name of his principal(s) by providing the original proforma invoice(s) containing the Description of item(s), Price, HS Code, Country of origin, Beneficiary’s bank details etc along with original insurance documents and premium paid receipt within 15 days of issuance of purchase order / contract agreement.

c. In case of In-Stock quoted items, the vendor has to provide the proof that the said item has been imported (for imported items only) within 01 year of the bid submission / tender closing date.

5. Failures and Terminations:

No offer of a supplier / firm will be considered if: -

5.1 Bid received is either without Tender Fee / Bid Security / CDR or with Tender Fee / Bid Security / CDR less than the required.
5.2 Bid received is not in accordance with Tender Document, Tender Notice or Tender Specifications.
5.3 Bid received later than the date and time fixed for tender.

5.4 Bid / offer received is incomplete in any respect or unsigned.
5.5 Bid / offer received is ambiguous and / or conditional.
5.6 Bid / offer received from a firm which is black listed at any level.
5.7 Bid in which any erasing / cutting / overwriting etc. is observed.
5.8 Purchase order/ contract agreement will be terminated, if the vendor / supplier fails to deliver the item(s) without plausible explanation within specified delivery period or the supplied items are not in accordance with the specifications as laid down in the Tender Document / Technical Bid / Purchase Order/ Contract Agreement.
5.9 If situation warranted, then University is authorized to forfeit the Bid and / or Performance Security and the firm may also be black listed.
5.10 For acceptance of bids for equipment, bidders shall meet the Mandatory Requirements and Technical Specifications.

6. Other Special Conditions:

Following requirements define the scope of work of this Tender:

6.1 In case of any conflict, the decision of the Vice Chancellor of Government College University, Faisalabad, would be final & binding on both the parties.
6.2 The vendor must ensure that the supplied items are new, in proper shape and meet the technical specifications.
6.3 The vendor will be responsible for the supply, installation, commissioning of scientific equipments along with on campus training (if applicable).
6.4 The biddershall provide Company profile, Authorization with Principal firm(s), Company experience in related field, “Equipment Technical Details (brochures, etc.)” by clearly mentioning the Specifications, Brand / Principal Manufacturer Name and Its Origin (Country),Model / Part Number, Origin (Product's Country of Origin),Valid Manufacturer’s Authorization Form (MAF), Manufacturing Year etc.
6.5 The vendor shall provide comprehensive documentation of system deployed including diagrams, configuration and manuals etc at the time of installation and commissioning.
6.6 The vendor / supplier shall be responsible of providing services for operation and maintenance of the item provided, without any extra cost or hidden charges within warranty period.

6.7 In case of equipment against which only one financial bid receives / matures, market survey as per PPRA guidelines will be carried out.

6.8 The vendor is responsible to provide import documents (AWB or BL, custom clearance documents, packing list, country of origin etc.)wherever applicable, along with invoice, Sales tax invoice (wherever applicable) and delivery challan for timely release of payment.

6.9 Warranty period will be at least one year or standard warranty or as demanded within specifications (whatever is more). Warranty period will be considered from the date of equipment commissioning / installation (not from date of delivery).

6.10 Custom clearance and transportation to destinations within GCUF campuses will be the sole responsibility of the vendor.

7. <u>Terms of Delivery and Payment:</u>

7.1 In case of LC at sight, the payment will be made to the principal supplier within 05 working days on the provision of original non-deficient and non-discrepant documents by the beneficiary's bank. Any difference of amount due to change in exchange rate (difference that has arisen in the exchange rate mentioned in the purchase order / contract agreement and exchange rate of the day actual payment has been made by the bank) will be payable by the local vendor, accordingly.

7.2 In case of LC on Usance basis (60 days' credit from the AWB Date),the payment will be made to the principal supplier after 60 days of AWB date subject to delivery, inspection andinstallation of equipment as per GCUF requirement and on the provision of original non-deficient and non-discrepant documents by the beneficiary's bank.Any difference of amount due to change in exchange rate (difference that has arisen in the exchange rate mentioned in the purchase order / contract agreement and exchange rate of the day actual payment has been made by the bank) will be payable by the local vendor, accordingly.

7.3 In case of open account / credit, the payment will be made to the principal supplier within 30 working dayssubject to delivery, inspection andinstallation of equipment as per GCUF requirementand on the provision of original non-deficient and non-discrepant documents by the beneficiary's bank.Any difference of amount due to change in exchange rate (difference that has arisen in the exchange rate mentioned in the purchase order / contract agreement and exchange rate of the day actual payment has been made by the bank) will be payable by the local vendor, accordingly.

7.4 In case of in-stock / locally produced / available item(s), payment will be made in Pak Rupees after deduction of all applicable taxes through crossed cheque within 30 days, subject to delivery, inspection and installation of equipment as per GCUF requirement with the condition that the vendor has to provide the proof that the said item has been imported (for imported items only) within 01 year of the bid submission / tender closing date along with Invoice, Sales tax invoice (wherever applicable) and Delivery challan for timely release of payment.

7.5 In case of items imported through LC, delivery time will be within 120 days from the issuance of Purchase / Supply Order / Contract Agreement or till the expiry of subject LC (whichever comes first). Otherwise, 2% penalty per month (not exceeding 10%) of the cost of item(s) will be imposed if not supplied within stipulated period. This period includes the time required for the establishment of Letter of Credit (LC) by the University bank. Any delay in the timely submission of required documents (as detailed above) / amendments in LC documents, will be on the part of vendor and will not automatically increase the duration of delivery time as given above. For extension in delivery time, the request by the vendor should be submitted 15 days before the expiry of delivery time as per Purchase / Contract Agreement, explaining the reasons of delay. Any such request will be considered after due deliberation and any additional charges alongwith penalty (if imposed) will be payable by the vendor.

7.6 No claim of payment for any additional charges than the Purchase / Contract Agreement, on the name of change in Govt. duties, provincial revenue / taxes, transportation, installation charges will be entertained.

7.7 All duties (Stamp paper duty etc) and taxes will be payable by the vendor as per applicable Government rules.

8. Liquidated Damages:

8.1 In case of delay, 2% penalty per month (not exceeding 10%) of the cost of item(s) will be imposed if not supplied within stipulated period.

8.2 For the determination of LD charges, the duration between the last date of delivery as per purchase / supply order / contract agreement / extended delivery date and the day equipment has received at GCUF campuses will be considered as described above.

8.3 The supplied items and their accessories should be as per bid specifications otherwise it will be rejected and returned at vendor's cost.

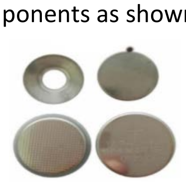
8.4 In case the vendor fails to arrange the shipment of the goods within the original validity of the L/C or Purchase Order / Contract Agreement, request to extend / amend the L/C or Purchase Order/ Contract Agreementshould be submitted 15 days before the L/C or Purchase Order expiry, explaining the reasons of delay. Any such request will be considered after due deliberation and any additional charges alongwith penalty (if imposed) will be payable by the vendor.

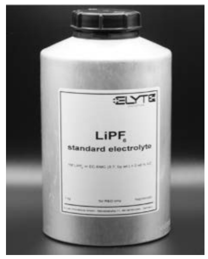
8.5 After the issuance of Purchase Order/ Contract Agreement, if the vendor is unable / regret to deliver the item(s), performance security of amount of regretted item(s) will be forfeited.

Dr. Ijaz Ahmad Khan
PrincipalInvestigator
Ref No. 20-LCF-10/RGM/R&D/HEC/2020
Department of Physics
Government College University, Faisalabad

<u>Appendix" A"</u>

TENDER DOCUMENT No. GCUF/Physics/LCF/3/2022

Sr. No.	Item	Specification OR Equivalent	Quantity	<u>Prices on FOR basis</u> Unit Price including taxes (PKR)	<u>Prices on FOR basis</u> Total Price including taxes (PKR)	<u>Prices on C &F Basis</u> UnitPrice in Foreign Currency	<u>Prices on C &F Basis</u> TotalPrice in Foreign Currency
1	RF Plasma Power Generator	RF Plasma Power Generator along with impedance matching unit and all accessories Model: **CY-RF600 OR Equivalent** Power: **600 W** Frequency: **13.56 GHz**	**01**				
2	Electrochemical Workstation	Electrochemical workstation: Model: **CS350**; **OR Equivalent** Including all electrodes and software	**01**				
3	Pressure Measuring gauge	Pirani Vacuum Gauge (compact vacuum meter Model: **VD85**; **OR Equivalent** (along with accessories)	**01**				
4	Mass Flow Controller	Mass flow controller (To measure the flow rates of different gases like Oxygen, Nitrogen, Argon etc in SCCM unit)	**01**				
5	Battery Crimper	Lab Hydraulic Battery Crimper for Coin Cell 2032 along with suitable die and a sealing mold 	**01**				
6	Coin Cells Case (2032 SS)	Coin Cells Case like 2032 SS; One set consists of four components as shown 	**200 sets**				
7	Polypropylene separator	Polypropylene (PP) separator (for Li-ion battery used as separator between the electrodes)	**01 Roll**				

								
8	Electrolytes	Electrolytes LiPF6 for Li-ion batteries 	**1 L bottle**					
9	Li-Ion Battery Tester	Li-Ion Battery Tester: 5V-3A, 8-channels battery tester, with Software / middle machine and battery clamps 						
10	Lithium Chips	Lithium Chips suitable for Coin Cell size (2032) mentioned in item No. 6, thickness = 0.45 mm 	**100 gr bottle**					
11	Rotary Vacuum Pump	Two-Stage High Performance Rotary Vacuum Pump (10^{-2} mbar)	**01**					
12	Nickel Foam	Nickel Foam (Thickness: 1 mm, width: 200 mm and length: 300mm)	**03**					
13	Copper Foam	Copper Foam (Thickness: 1 mm, width: 200 mm and length: 300mm)	**01**					
14	High temperature quartz tube	High temperature quartz tube (up to 1200 C) Dimensions: OD = 40mm, ID = 35mm, L = 700mm	**04**					

Please contact Dr. Ijaz Ahmad Khan, Principal Investigator for any inquiry regarding the specification of Tender.

Details of Call Deposit Receipt (CDR) **Signature**_____________________

No. _________________ Amount ______________ Name of Bidder_______________________

Bank_________Branch____________City________ NIC No ______________________________

Name of Firm & Address_______________________________ Ph. No. ______________________

N.T.No._______________________________ Sales Tax No. ______________________________

Issued By:

Dr. Ijaz Ahmad Khan
Principal Investigator
Ref No. 20-LCF-10/RGM/R&D/HEC/2020
Department of Physics
Government College University, Faisalabad
+923314009498