

Ministry of Science & Technology
Pakistan Council of Scientific & Industrial Research (PCSIR)
Notice Inviting Tender

PCSIR Laboratories Complex, Peshawar invites sealed tender under the Project titled “Up gradation of Up-gradation of Calibration Centre Capabilities, PCSIR Labs. Complex, Peshawar” from well reputed & registered Manufacturers, Sole Agents and Authorized Dealers registered with Income Tax and Sales Tax Department and who are on Active Tax Payer List of FBR for the supply and installation of following “**Laboratory Equipment and Accessories**.”

No.	Name of Item	Quantity
1.	Digital Thermo Hygrometer	05
2.	Laser Temperature meter	01
3.	Universal Dial Indicator Testing Machine	01
4.	Dial Gauges	01
5.	Scale and Measuring Tape Calibration Unit	01
6.	Digital Vacuum Gauge	01
7.	Pneumatic dead-weight tester	01
8.	Digital Pressure Gauge	01
9.	Compression Load Cells with Digital Console	01
10.	Digital multi meter	01
11.	Hot & Cool Circulating Bath	01
12.	DIGITAL INSULATION TESTER`	01
13.	AC withstanding Voltage Tester up to 80 kV	01
14.	Wireless Data Loggers	01

Terms & Conditions:

1. Tender document containing specifications of Laboratory Equipment and Accessories along with terms & conditions can be downloaded from websites of PPRA (www.ppra.org.pk) and PCSIR (www.pcsir.gov.pk.) free of cost.
2. The sealed Bid prepared in accordance with the instruction in the bidding documents along with brochures /specifications of the equipment, Rs. 1000/- in cash must reach to this office before 03:00 P.M **07/09/2021** which will be opened on the same day at 03:30 P.M by the Tender Opening Committee in presence of the representatives of the bidders at PCSIR Laboratories Complex, Peshawar.
3. A single package containing two separate envelopes, marked as “TECHNICAL PROPOSAL” and “FINANCIAL PROPOSAL” in bold and legible letters must be submitted, to avoid confusion.
4. 2% earnest money is to be deposited in shape of Call Deposit/ Pay Order/ Bank Draft from any scheduled bank in favor of Project Director, National Center for Herbal Medicine, PCSIR Laboratories Complex, Peshawar, along with the tender form.
5. The place of delivery will be PCSIR Laboratories Complex, Jumrud Road, Peshawar, on **FOR** basis.

Dr. Mushtaq ur Rehman, Project Director, Up-Gradation of Calibration Centre Capabilities
PCSIR Laboratories Complex, Jamrud Road, Peshawar. 091-9221398-400, Ext:380
Cell: 03009062087, Email: mktk1972@yahoo.com

BIDDING DOCUMENTS

TENDER ENQUIRY No: PLC/UCCC/2021/Eq-01
For
Procurement
of
Laboratory Equipment and Accessories

Issued to M/s. _____



Issued by:

Name : _____

Signature : _____

Official Stamp : _____

Date : _____

The Project Director Up-Gradation of Calibration Centre Capabilities
at PCSIR Laboratories Complex, Jamrud Road, Peshawar
Ph: 091-9221398-400 Ext: 380, Fax: 091-9221395.



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(A) **COMPANY PROFILE**

Name of the company	
Contact person	
Full address	
Telephone No	
Fax No	
Mobile No	
E-mail & website	
Status (Manufacturer, Sole Agent, Authorized Dealer etc.)	
Type of company (Private limited, Partnership, Proprietorship, Public Limited etc.)	
NTN No.	
GST No.	
Provincial Sales Tax Reg. No.	
Experience in the relevant field	
No. of After Sales Services Provided (Attach a List)	
Major Public Sector R & D Clients Along with Contact Details (At least five)	
Total Cost of Bid	
Total Earnest Money	

Name & Signature of the Head

Seal of the Company

Note: Attach attested copies of all relevant documents like valid NTN and Sales Tax registration, Sole Agent/ Distributor Authorization etc.

(B) PROCEDURE OF OPEN COMPETITIVE BIDDING

The tender will be processed as per clause 36 (b) of PPRA rules i.e.

SINGLE STAGE – TWO ENVELOPE PROCEDURE

i) The bid shall comprise a single package containing two separate sealed envelopes. Each envelope shall contain separately the “Financial Proposal” and the “Technical Proposal”.

(ii) The envelopes shall be marked as “**TECHNICAL PROPOSAL**” and “**FINANCIAL PROPOSAL**” in bold and legible letters to avoid confusion.

Read and Accepted

Seal & Signature of the Company



Pakistan Council of Scientific & Industrial Research

PCSIR Laboratories Complex, Jamrud Road, Peshawar

TENDER ENQUIRY NO: PLC/UCCC/2021/Eq-01

Procurement of “Laboratory Equipment and Accessories”

INVITATION TO BID:

PCSIR Laboratories Complex, Peshawar (referred to as PLC) invites **sealed Bids** from the original manufacturers, sole distributors and authorized suppliers, registered with Income Tax and Sales Tax Departments and who are on Active Taxpayers List of the Federal Board of Revenue, for supply of **“Laboratory Equipment and Accessories”** at PCSIR Laboratories Complex, Peshawar under the PSDP project “Up-gradation of Calibration Centre Capabilities at PCSIR Labs. Complex, Peshawar”. These bidding documents can be downloaded from websites of PPRRA (www.ppra.org.pk) and PCSIR (www.pcsir.gov.pk), free of cost.

1. INSTRUCTIONS TO BIDDERS:

- 1.1. The Bidder is expected to examine all instructions, forms, terms and specifications in the bidding documents. Failure to furnish all information required by the bidding documents or to submit a bid not substantially responsive to the bidding documents in every respect will be at the Bidder's risk and may result in the rejection of its bid.
- 1.2. The Bidder shall bear all costs associated with the preparation and safe delivery of its Bid to PLC. PLC will not be responsible or liable to pay any cost associated therein, in any case.
- 1.3. The Bid should be prepared on a format shown at **Clause 16.A** and **16.B.** of this document.
- 1.4. Unsolicited advice/clarifications and personal approaches by the Bidder at any stage of evaluation are strictly prohibited and shall lead to disqualification.
- 1.5. The Bid must accompany the Tender Documents duly signed and stamped by the bidder.
- 1.6. A bid submitted in response to this invitation must be properly bind, in sequence and Item Name & Number must be in accordance with SBDs.
- 1.7. In case of any doubt as to the meaning of any portion of the Specification or other Terms and Conditions, bidder may seek clarification of the same in writing, but not later than 6 working days prior to dead line for submission of Bid prescribed by PLC.
- 1.8. At any time prior to the dead line for submission of Bids, a modification in bidding document in the form of an addendum/corrigendum may be issued in response to a clarification requested by a respective Bidder or even whenever PLC considers it beneficial to issue such a clarification and/or amendment to all Bidders.
- 1.9. Any clarification/ amendment, in bidding document in the form of an addendum/corrigendum, shall be addressed to all the prospective Bidders who have purchased the tender document.
- 1.10. PLC shall neither take any responsibility for collecting the Bids from any Agency nor entertain any request for the extension of closing date and time.
- 1.11. PLC reserves the right to increase or decrease the quantities or may cancel any or all items shown in the schedule of requirement.
- 1.12. The Bidder shall confirm that the quoted offers are in accordance with the technical specifications and Terms & Conditions of the Tender.

- 1.13. Technical Brochure/ Literature confirming Brand, Model, Country of manufacturing & Country of Origin of quoted item must be attached with the quotation.
- 1.14. A technical bid will be declared non responsive if Make, Made and Model of the offered equipment is not mentioned clearly.
- 1.15. Where country of origin and country of manufacturing is different, both must be mentioned Clearly in the technical bid.
- 1.16. PLC reserves the right to accept or reject any Bid or Proposal at any time prior to the acceptance of a bid or proposal and upon request communicate, to supplier or contractor who submitted the bid or proposal, the grounds for its rejection, but not required to justify those grounds.
- 1.17. If there is a discrepancy between the unit price and the total price, the unit price shall prevail and the total price shall be corrected by multiplying the unit price and quantity. If there is discrepancy between words and figure, the amount in words shall prevail.
- 1.18. The Bidder will fill the tender document by hand or type, in all respect; sign each page properly and write all the figures in words as well. Extra sheets may be attached where necessary and must be submitted with the Bid.

2. Eligible Bidders:

- 2.1. Original manufacturer OR Sole Distributors/ Authorized Suppliers thereof.
- 2.2. Partial and/ or limited authorization will not be eligible.
- 2.3. General Sales Tax Registered.
- 2.4. National Tax Number Registered.
- 2.5. Not under a declaration of ineligibility for corrupt and fraudulent practices issued by the Government of Pakistan.
- 2.6. The Bidder shall furnish, as part of its bid, documents establishing the Bidder's eligibility to bid and its qualifications to perform the contract if its bid is accepted.

3. BID PRICES:

- 3.1. Prices of all items may be quoted on **FOR** basis, to be delivered to PLC as per purchase order.
- 3.2. Quoted price shall be valid for 90 days from the opening date of the Tender.
- 3.3. The Bidder shall indicate on the appropriate Price Schedule the Unit Prices (where applicable) and Total Price of the Goods it proposes to supply under the contract.
- 3.4. A bid submitted with an adjustable price quotation will be treated as nonresponsive and will be rejected; two or more prices for a single item will be treated as non- responsive.
- 3.5. Supply, installation, commissioning of the equipment and training (where necessary) will be included in the bid prices.

4. EARNEST MONEY:

- 4.1. The Bidder shall furnish, as part of his Financial Bid, a Bank Draft/Call Deposit/Pay order in favor of Project Director, Up-gradation of Calibration Centre Capabilities, PCSIR Labs. Complex, Peshawar equivalent to 2% of the total Bid price.
- 4.2. The Earnest Money of unsuccessful Bidders will be returned after Technical Evaluation of the Bids, whereas, the Earnest Money of the successful bidder will be released/ returned upon the successful completion of job.

5. SEALING AND MARKING OF BIDS:

5.1. The bid shall be submitted in sealed envelope, each page duly signed, in the name of Project Director, Up-gradation of Calibration Centre Capabilities, PCSIR Laboratories Complex, Jamrud Road, Peshawar before closing date and time.

5.2. Bidders are required to submit their Bid, which will bear words “**CONFIDENTIAL**”, and “**TECHNICAL PROPOSAL**” or “**FINANCIAL PROPOSAL**” where applicable, and the following Identifications:

i: TENDER ENQUIRY NO: PLC/UCCC/2021/Ed-01

ii: DO NOT OPEN BEFORE 03:30 P.M., 07.09.2021.

5.3. If the envelope is not marked as instructed above, PLC will assume no responsibility for the misplacement or premature opening of Bid.

5.4. All Bids must be submitted according to the Bid Form given at Clause 16 of this document.

6. DEADLINE FOR SUBMISSION OF BIDS:

6.1 All Bids must be delivered, before 03:00 P.M., 07.09.2021 at the office of the Project Director, Up-gradation of Calibration Centre Capabilities, PCSIR Laboratories Complex, Jamrud Road, Peshawar.

7. LATE BIDS:

7.1 Any Bid received by PLC after the prescribed deadline will be rejected and returned unopened to the Bidder.

8. OPENING OF BIDS:

8.1 The Tender Opening Committee will open the Bids in the presence of Bidders/ Authorized Representatives, who may choose to attend, at 03:30 P.M., 07.09.2021 in the Committee Room of, PCSIR Laboratories Complex, Jamrud Road, Peshawar.

8.2 The financial Bids of only the technically qualified bidders will be opened in the presence of Bidders/ Authorized Representatives, and processed.

9. PRELIMINARY EXAMINATION OF BIDS:

9.1 The Purchaser will examine the bids to determine:

- whether they are complete
- Signatures and Dates are put on the proper places
- whether any computational errors have been made
- whether required sureties have been furnished
- whether the documents have been properly signed, and
- Whether the bids are generally in order.

9.2 The Purchaser may waive any minor informality, nonconformity, or irregularity in a bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any Bidder.

9.3 Prior to the detailed evaluation, the Purchaser will determine the substantial responsiveness of each bid to the bidding documents.

10. EVALUATION OF BIDS:

101. The Purchaser will evaluate and compare the bids which have been determined to be substantially responsive.
102. The evaluation of bid should be strictly in accordance with the specifications and instructions given in the tender document.
103. Every item will be evaluated individually.
104. The financial Bids of only the technically qualified bidders will be opened and processed, while financial bids of unsuccessful bidders will be returned un-opened.

11. DETERMINATION OF RESPONSIVENESS:

- 11.1 After opening the Bids, the committee will determine whether each Bid is substantially responsive to the requirements of the Bidding documents e.g.:
 - a) Any computational or clerical errors
 - b) Requirement of the securities has been met
 - c) Signatures and Dates are put on the proper places
 - d) The bids are complete in every respect and are generally in order
- 11.2 For the purpose of this clause, a substantially responsive Bid is one, which conforms to all terms and conditions of the Bidding Documents without material deviation. A material deviation is one which being inconsistent with the Bidding Documents, affects in any substantial way the scope, quality or prescribed delivery schedule or which limits in any substantial way, PLC's right or the Bidder's obligation.
- 11.3 A bid determined to be non-responsive will be rejected by the Committee and shall not subsequently be made responsive by the Bidder by correction of the non-conformity.
- 11.4 The Committee may waive any minor deviation non-conformity or irregularity in a Bid, which does not constitute a material deviation, provided that the waiver does not prejudice or affect the relative standing order of any Bidder.
- 11.5 To assist in determining a Bid's responsiveness the Bidder may be asked for a clarification of his Bid. The Bidder is not permitted, however, to change Bid price or substance of his Bid.
- 11.6 The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.

12. DELIVERY SCHEDULE:

- 12.1 Delivery of items against this tender is to be completed within **90 days** from the date of receipt of confirm Purchase Order, from PLC.
- 12.2 Delivery after stipulated time will result in penalty equal to 1% of the quoted price /week if not properly justified by the supplier.
- 12.3 **Performance Bond:** Successful supplier should provide performance bond issued by a scheduled bank, having a value of 10% of the contract valid for 12 months starting from the date of commissioning of the equipment/ machinery. The performance bond may be released after warranty period and satisfactory working of the equipment.

13. FORCE MAJEURE:

- 13.1 The Supplier shall not be liable for penalty for delay in delivery of ordered goods, if, and to the extent that delay in delivery or other failure to perform his obligation under the purchase Order, are the result of an event of Force Majeure i.e. causes such as natural

calamities, war, civil disturbance, military action, fire as well as other circumstances proved beyond the reasonable control of the Supplier, which may impede the fulfillment of the obligations under the Purchase Order.

132 The Supplier shall notify PLC promptly of the occurrence of Force Majeure and submit his case in writing within 7 days of such occurrence.

133 If any of the parties is prevented to fulfill his assumed obligations by Force Majeure of constant duration of at least one month, the parties shall meet for negotiation. If no satisfactory agreement is reached within a period of two months from commencement of the Force Majeure conditions, either party shall have the right to cancel the Purchase Order with immediate effect.

14. WARRANTY:

14.1 The Supplier shall warrant that the items supplied by him are completely in accordance with the specifications given in the Tender Documents/ Purchase Order and if found any discrepancy in specifications of the supplied material, after analyzing the material by PLC, the supplier would be held responsible for its replacement with the penalty imposed by the PLC.

14.2 The warranty for all the related supplied Laboratory Equipment should be at least 12 months and warranty period will be started after the date of successful commissioning i.e. *12 months free maintenance/replacement of parts if required will be provided.*

14.3 PLC shall promptly notify the Supplier in writing of any claims assign under this Warranty. Upon receipt of such notice, the supplier shall replace the defective material without cost to PLC.

15. All the PPRA rules are applicable and will be strictly observed.

16. A. Bid Form for Technical Proposal:

Item No.	Item Name	Make	Made	Model/ Cat. No.
1.				
2.				
3.				

Add more rows if necessary.

16. B. Bid Form for Financial Proposal:

Item No.	Item Name	Make	Made	Model/ Cat. No.	Unit Price Inclusive of Taxes
1.					
2.					
3.					

*Add more rows if necessary.

Note: The bid forms are mandatory and any bid consisting only brochures without bid form may be rejected.

17. List of LABORATORY EQUIPMENT

Item No.	Name of Equipment	Quantity	Specifications
15.	Digital Thermo Hygrometer	05	Ambient temperature: (-20 ~ 60) °C ± 0.5°C Resolution: 0.1°C Ambient humidity: (0 ~ 100)%RH ±1.0% RH Resolution: 0.1% RH Display LCD, Data hold, MAX/MIN/AVG hold, Data storage, Auto Power Off, battery operated
16.	Laser Temperature meter	01	Non contact Range IR: (-50 ~ 2300) °C ± 1°C Adjustable Resolution: (0.10 ~ 1.0) °C Auto power off Battery operated
17.	Universal Dial Indicator Testing Machine	01	Application range 0 - 50 mm Resolution 0.01 µm Reversal range < 0.15 µm Repeatability (range) < 0.1 µm full automatic testing system Measuring range expansion by converting the dial gauge up to 100 mm is possible Sensitive positioning < 0.1 µm and high positioning speed 2 mm/s Accessories: Base, foldable light camera unit with lens, precision position encoder with mount 28H7, interface unit PU41 motion, joystick, mount 8H7, mount dial test gauges, U-measuring attachment, choice of tower PC or all-in-one PC, Compatible Software, extension module for image processing, connection cable, protective cover, multiple plug, operating manual Suitable for analogue and digital dial gauges, precision indicators and lever gauge measuring devices as well as for any kind of electronic measuring probes
18.	Dial Gauges	01	Measuring Range: 0 - 10mm Resolution: 0.01mm
19.	Scale and Measuring Tape Calibration Unit	01	Measuring Length: 2000mm Resolution 1 µm Accuracy : ± 0.002/2000 mm Tensile load 5 N, 20 N and 50 N Clamping range device-dependent Measuring system directly underneath specimen Camera and monitor simply taking a reading Optional extensions for connection to all current test equipment monitoring software The system should include: Base body, analysis electronics with USB and RS 232 interface, each 2x screw clamps spherical and flat, each 2 x quick clamps spherical and flat, scale support depending on length up to 5 units, hold-down clamps depending on length up to 5 units, wall or table mounting set with adjustment feet, connection cable, multiple plug socket, operating instructions
20.	Digital Vacuum Gauge	01	Range: (0 to 30000) Micron Resolution: 0.0001 (<10 mbar), 0.0001 (<10 mmHg) Display Unit: mbar, mmHg, Micron, Pascal

21.	Pneumatic dead-weight tester	01	<p>Pressure range: 3 to 500 psi Vacuum range: 1 to 30 in Hg Minimum standard weight increments: 1 psi (0.1bar, 10 kPa)/0.2 inHg (10 mbar, 1 kPa) Accuracy: Better than 0.015 % of reading Built-in hand pump: Pressure mode max pressure 300 psi (2 MPa); Vacuum mode to 90% vacuum Gas operated High quality needle valves provide optimum control Mounted spirit level and adjustable feet</p>
22.	Digital Pressure Gauge	01	<p>■ Measuring ranges from -1 ... +16 bar to 0 ... 1,000 bar (-14.5 ~ 15,000) psi ■ Accuracy: 0.25 % (incl. calibration certificate) Resolution 0.1 Display 4 ½ digit Units: psi, bar, MPa, kPa, kg/cm² 0.25% of span accuracy 10ms measuring rate MIN/MAX memory function Operating instructions 2 AA batteries Protective rubber cap</p>
23.	Compression Load Cells with Digital Console	01 each	<p>1). 500 kN 2). 1000 kN 3). 2000 kN (incl. calibration certificates) Digital Console having dual range facility, i.e in Newton and kilogram Resolution 0.1 kN Input power supply: AC110V-230V Display: 6 bits LED</p>
24.	Digital multi meter	01	<p>Voltage up to 1000V 0.1, 1 V resolution ±(0.2% + 0.01%) accuracy Measured parameters Voltage, current, aux, frequency, THD V, THD A, power, power factor, fundamental power, DPF, energy CONTENT OF BOX Power supply Voltage test leads Alligator clips (4x) 12in 1,500A flexible current probe (4x) Soft case Magnetic hanging strap Magnetic voltage probes (4x)</p>
25.	Hot & Cool Circulating Bath	01	<p>Capacity Nominal Tank Capacity: 56 Litres Temperature Range Ambient +5°C - 99°C Accessory DC2-300 provides cooling from ambient to -20°C Temperature control PID Digital, 4 digit LED display, resolution 0.1°C Temperature alarm Under/over temperature alarm is automatically set 4°C above and 4°C below set point. Sensitivity±0.2°C Uniformity±0.02°C Timer Variable 00:01 to 99:59 hh: mm Power (220-240) V AC</p>

26.	DIGITAL INSULATION TESTER	01	Insulation resistance measurement with DC voltage Testing voltage (Measurement range: AUTO/MANUAL Range: (0 ~ 1000) V (0 ~ 4000) MΩ Basic accuracy ±2 % rdg. ±5 dgt. Beep sound to distinguish the result, Memory capacity: up to 10 items Test duration Pass/Fail assessment Configuration time range: 0.045 s to 999.999 s (0.001 s resolution) Power supply 100 to 240 V AC, 50/60 Hz, 25 VA max.
27.	AC withstanding Voltage Tester up to 80 kV	01	AC high potential 0 ~ 80 kV (Hipot) SMART GFI circuits protect the operator from shock hazards RAMP-HI change-Low for effective DC HIPOT testing Line and load regulation retain the output voltage within 1% of setting Along with all accessory
28.	Wireless Data Loggers	02	[Temperature] -40 °C to 80 °C, Range 100°C f.s., Max. resolution 0.1°C [Humidity] 0 to 100% RH, Range 100% RH f.s., Max. resolution 0.1%RH Recording [Capacity] 500,000 data items for each channel [Mode] Instantaneous value [Interval] 0.5 to 30 sec, 1 to 60 min, 14 selections/Channels Power source AC Adapter (100 to 240 V AC, 50/60 Hz), AA alkaline batteries (LR6) ×2, External power 5 to 13.5 V DC (can also be supplied from USB bus power, with a conversion cable) Continuous operating time ([Capacity] 500,000 data items for each channel) (23°C) 3.5 months (Recording interval of 1 min, Bluetooth® OFF), 20 days (Recording interval of 1 sec, Bluetooth® ON Humidity Sensor, for Data Logger, 1.5 m Cable Length

Signature of Supplier with Stamp

Complete Postal Address: _____

E-Mail ID: _____

Name: _____

Contact No. _____

National Tax No. _____

STR # : _____

Date: _____