

**WATER AND SANITATION AGENCY  
LAHORE DEVELOPMENT AUTHORITY, LAHORE.**

RECEIPT NO. \_\_\_\_\_

DATED \_\_\_/\_\_\_/\_\_\_

OPENING DATE \_\_\_\_\_

(FOR OFFICE USE ONLY)



**TECHNICAL BID  
PART-I**

**TENDER NO.P&S/25.01/6333  
PROVISION AND INSTALLATION OF TESTING EQUIPMENT IN QCD  
LABORATORY, WASA, LDA, LAHORE (PHASE-I).**

NAME OF FIRM \_\_\_\_\_

ADDRESS \_\_\_\_\_

DCR NO. \_\_\_\_\_ DATED \_\_\_\_\_ RS. \_\_\_\_\_

ISSUED BY \_\_\_\_\_ Name of Branch \_\_\_\_\_

**WATER AND SANITATION AGENCY  
LAHORE DEVELOPMENT AUTHORITY, LAHORE.  
59-F Gulshan-e-Ravi, Lahore**

**LETTER OF TECHNICAL BID SUBMISSION**

**FOR**

**TENDER NO. P&S/25.01/6333**

**Provision and Installation of Testing Equipment in QCD Laboratory, WASA, LDA, Lahore (Phase-I).**

Dated \_\_\_\_\_

To,

**Deputy Director Procurement  
WASA, LDA, Lahore**

1. Having examined the Bidding Documents including Instructions to Bidders, Conditions of Contract, Specifications, Drawings, Schedules to Bid, Schedule of Prices and Addenda Nos. .... for the execution of the above-named Works, we, the undersigned, being a company doing business under the name of and address.....and being duly incorporated under the laws of..... hereby offer to execute and complete such Works and remedy any defects therein in conformity with the said documents including Addenda thereto.
2. We understand that all the Schedules attached hereto form part of this Bid.
3. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security in the amount of Pak Rs..... DCR No.....Dated ..../...../..... Issued by ..... Bank, Branch Name/Code.....drawn in the favor of, or made payable to the Employer, and valid for a period **28-Days** beyond the period of validity of Bid.
4. We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the whole of the Works comprised in the Contract within the time(s) stated in Preamble to the Conditions of Contract.
5. We agree to abide by this Bid for the period of **120-days** from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
6. We undertake, if our Bid is accepted to execute the Performance Security referred to in bidding documents for the due performance of the Contract.
7. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between.
8. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a Bid for the Works.
9. We, the firm or suppliers for any part of the Contract, do not have any conflict of interest.
10. We are not participating, as a Bidder or member of JV, in more than one bid in this bidding process.
11. We confirm, if our Bid is accepted, that all partners of the joint venture shall be liable jointly and severally for the execution of the Contract and the composition or the constitution of the joint venture shall not be altered without the prior consent of the Employer. (Please delete in case of Bid from a single firm).

Dated this ..... day of 2020

NAME OF BIDDER \_\_\_\_\_

ADDRESS \_\_\_\_\_

SIGNATURE \_\_\_\_\_

STAMP \_\_\_\_\_

**INSTRUCTIONS TO BIDDER**

- 1) Proposals shall be submitted in English language. Any document other than English language shall be translated in English duly attested by the embassy.
- 2) The bid shall be a single stage two envelope. The bid shall comprise a single package comprising two separate envelopes containing the Financial Proposal and the Technical Proposal and they shall be marked as Financial Proposal and Technical Proposal.
- 3) In the first instance, the "Technical Proposal" shall be opened and the envelope marked as "Financial Proposal" shall be retained unopened in the custody of the procuring agency.
- 4) Conditional tender will not be accepted.
- 5) The bidder should quote rate after careful study of bid document
- 6) The rates should be quoted both in figures as well as in words. Similarly the total amount of the individual items should also be mentioned both in figures as well as in words.
- 7) The procuring agency shall evaluate the technical proposal in the manner prescribed in advance, without reference to the price and shall reject any proposal which does not conform to the specified requirements
- 8) Any addition, alteration and substitution after submission of bid shall not be accepted
- 9) During the technical evaluation no amendments in the technical proposal shall be permitted and if the employer deems necessary to seek clarifications it will be sought in-writing.
- 10)The decision of Technical Evaluation committee shall be final and acceptable to the bidders.
- 11)After the evaluation and approval of the technical proposals, the procuring agency shall open the financial proposals of the technically responsive bidders, publicly at the time, date and venue announced and communicated to the bidders in advance, within the bid validity period.
- 12)The financial bids of firms found technically nonresponsive shall be returned un-opened to the respective bidders along with CDR.
- 13)The bidder must submit bid security in the form of Call Deposit Receipt from any scheduled bank of Pakistan in favour of **Deputy Director Procurement** amounting to **Rs.126,259.00** as a part of technical bid envelop, failing which the bid may be rejected.
- 14)Bid security of successful bidder shall be converted into security money.
- 15)The lowest evaluated bidder shall be awarded the contract.
- 16)***Each page of bidding documents (along with supporting documents i.e. technical brouchers / catalogue etc.) has to be stamped and signed by the authorized signatory of the firms / company / contractor failing which Bid may be rejected.***
- 17) The bidder shall attach relevant documents as a support which required in technical evaluation criteria duly signed and stamped by bidder otherwise bids shall not be qualified.
- 18)Cutting / erasing shall be initialed by authorized person of the company.
- 19)In case the total tendered amount is less than 5% (Five) of the approved estimated (DNIT) amount, the lowest bidder will have to deposit additional performance security from the Scheduled Bank ranging from 5% to 10%.
- 20)**Equivalent:** Equivalency of any component shall be subject to prior approval from DMD(Engg).

- 21) Any additional information can be obtained from the office during the office hours of the **Deputy Director Procurement** situated at **59-F Gulshan-e-Ravi Lahore**.
- 22) The procuring agency may reject all the bids or proposals at any time prior to the acceptance of a bid or proposal. The procuring agency shall upon request communicate to any bidder, the ground for its rejection of all bids or proposal but shall not be required to justify the grounds.
- 23) Any bidder feeling aggrieved by any act of the procuring agency after the submission of his bid may lodge a written complaint concerning his grievances not later than 38 [ten] days after the announcement of the bid evaluation report. The decision of Grievance Redressal Committee constituted by WASA shall be acceptable to the bidder.
- 24) The bidding documents consist of **11-pages of Technical bid 05-Pages of Financial bid and 60-Pages of Tender Condition for Work**.
- 25) **Joint Venture** must comply with the following requirements: -
- a) Following are minimum requirements for Joint Venture: -
    - i) In accordance with PEC Bye Laws, Foreign Firms are required to form JVs with local Firms.
    - ii) The joint venture must collectively satisfy the technical evaluation criteria. Heretofore, for which purpose the relevant figures for each of the partners shall be added together to arrive at the JV's total capacity.
    - iii) JV shall not comprise more than 03 members.
    - iv) The bidder shall provide intended JV agreement at the time of bidding and shall provide the JV agreement must registered with sub registrar mentioning the joint and several liabilities with respect to the contract and Joint account of the firms to whom the transactions shall be made at the time of execution of contract agreement. In case of failure to provide register JV agreement at the time of contract agreement the securities submitted by the bidder shall be forfeited.
  - b) Any change in a technically responsive/ qualified JV after evaluation, shall be subject to the written approval of the client such approval may be denied if: -
    - i) Partner(s) withdraw from a JV and remaining partners do not meet the qualifying / technical evaluation criteria;
    - ii) The new partners to a JV are not stand qualified/ responsive individually or as another JV; or
    - iii) In the opinion of the Client, a substantial reduction in competition would result.
    - iv) One firm shall not be partner in more than one JV.
  - c) Bid shall be signed by all members in the JV so as to legally bind all partners, jointly and severally, and any bid shall be submitted with a copy of the JV agreement dully registered with sub-registrar providing the joint Pand several liabilities with respect to the contract.
- 26) The technically evaluation of a JV does not necessarily qualify any of its partners individually or as a partner in any other JV or association. In case of dissolution of a JV, each one of the constituent firms may be declared qualified / technically responsive if they meet all the requirements as described in technical criteria and any partner of JV has requested/ shall request for the same and then his qualification shall be subject to the written approval of the Client.
- 27) The Bidder (including all members of a JV) must not be associated, nor have been associated in the past, with the consultants or any other entity that has prepared the design, specifications and bidding documents for the project, or was proposed as Engineer for the contract, over the last **five (05) years**. Any such association may result in disqualification/ non-responsiveness of the Bidder.

- 28) A qualified firm/contractor/JV may participate only in one bid only for the contract. If a firm submits more than one bid, singly or as a JV, all bids including that bidder will be rejected.
- 29) The Bids should be reached at the office of **Deputy Director Procurement** situated at **59-F Gulshan-e-Ravi Lahore** WASA upto **04-01-2021** till **12:00 P.M** and technical bid will be opened on the same day at **12:30 P.M**

### **SPECIAL CONDITIONS**

1. The bidder will provide one year warranty of the equipment starting from the date of receipt of the equipment by WASA.
2. The bidder will provide authorization letter from original equipment manufacturer for all imported equipment.
3. The successful bidder will provide the necessary import documents to WASA Lahore at the time of delivery.
4. The bidders will provide all necessary original brochure and manuals of the equipment, (indicating make and model No. and technical data upon successful installation testing and commissioning of equipments)
5. The successful bidder will have to pay all the duties, taxes and transportation charges at his own and provide copy to WASA
6. The successful bidder shall have to furnish performance security @**10%** of quoted bid cost / accepted tender price in the form of Bank guarantee from scheduled bank of Pakistan having validity period of **03-months** beyond satisfactory completion of contract.
7. The successful bidder will provide shipping documents of the imported equipment.
8. Modification of existing model to meet these specifications will not be permitted.
9. The successful bidder have to arrange inspection after installation testing and commissioning of equipment at site of work by a firm of international repute regarding their correctness and genuineness and that equipment are as per specifications mentioned in the bid schedule / contract agreement. The certificate so issued be provided at the time of delivery to WASA failing which material will not be accepted.
10. Supply will be made on DDP basis to WASA Lahore.
11. The successful bidder will have to provide training to WASA Quality Control Staff and a certificate so issued shall be provided with the invoice.

### **12. MODE OF PAYMENT**

**70%** payment will be made on delivery of equipment on installation site and **20%** payment will be made upon installation and **10%** of gross amount of work done shall be retained by WASA as retention money which shall be released after expiry of warranty period i.e **01-year**.

## **TECHNICAL EVALUATION CRITERIA**

### **PART-A Basic Eligibility**

The bidder / lead member in case of JV has to fulfill the criteria mentioned in Part "A" Basic Eligibility.

- The bidder shall attach (compulsory) original equipment manufacturer (OEM) certificate or authorization from original equipment manufacturer.
- The bidder shall provide NTN, STRN and PNTN certificate.
- The bidder shall provide Registration Certificate / Memorandum of Association/ Partnership Deed duly register with registrar of firms / Affidavit of Sole Proprietorship on Rs.100/- stamp paper.
- The bidder shall provide all necessary technical broucher / catalog mentioning detail specifications of equipment.
- No Black Listing certificate on stamp paper of **Rs.100**.
- Litigation history if any, of the previous 05-years in which the Bidder was either directly or substantially indirectly involved in. The bidder shall provide accurate information on the prescribed Performa (**Annex-A**) about any litigation or arbitration resulting from contracts completed or ongoing under its execution over the last 05-year. A consistent history of court / arbitral award against the bidder or any member of J.V may result in disqualifying bidder. This requirement also applies to contract executed by the bidder as J.V member. All pending litigation shall in total not represent more than Forty percent (40%) of the Applicant's net worth and shall be treated as resolved against the Applicant the each member of J.V shall meet this requirement otherwise whole J.V shall be considered as non-responsive or otherwise provide no litigation certificate on stamp paper of **Rs.100**.

#### **Note :**

- a. The technical evaluation shall be on **knockout** basis both in part A (Basic Eligibility) & B (Technical Requirements). In case bidder fails to meet any of the requirement in **Part A, Basic Eligibility**, shall not be considered for further evaluation
- b. The bidder shall provide all **standard certifications** along technical catalogue & brochures of Original Equipment Manufacturer (OEM) as mentioned in description of each item in **Part-B Technical Requirement** failing which, the bid shall be considered as nonresponsive.

**TECHNICAL BID**

**FOR**

**Provision and Installation of Testing Equipment in QCD Laboratory, WASA, LDA, Lahore (Phase-I).**

**PART-B TECHNICAL REQUIREMENT**

Sr.#	Description	Bidder to Specify
1	<p><b>Providing ,Installation, Testing and Commissioning Automatic Compression Testing Machine</b>                      Origin; Europe, USA, UK, Japan, Australia                      Capacity:2000kN for cylinders, cubes and bricks conforming to ASTM C39. AASHTO T22 and Compression Platens                      Automatic Control System Closed loop control of the load rate achieved with a variable frequency drive (inverter) for high accuracy, energy saving and noise prevention LCD Display 128 x 80 pixels with 6 keys membrane keyboard Port for data transmission(including load/time values for graph pot) in ASCII format Integrated printer Daylights: horizontal 340 mm, vertical 350 mm Piston Travel: 50 mm Limit switch preventing piston over travel Second frame option Load measurement accuracy: class 1 to EN12390- 4 class A to ASTM E74 starting from 10% of full scale. Special calibration from 1% of full scale supplied complete with traceable calibration certificate for load measurement accuracy Front Door and pedestal 230V/50-60Hz/1 ph including Moulds, Distance pieces to test Bricks etc complete in all respect.</p>	
2	<p><b>Digital Lab Oven</b>                      Thermostatically controlled                      Cofirming to Standards : ASTM C-127, D-1559, EN-932-5                      Capacity:250 Liters                      Thermostatically controlled 220 V 50 Hz 1 ph 220 Volt AC 50Hz.</p>	
3	<p><b>Providing ,Installation, Testing and Commissioning Automatic Electronic Apparatus for setting time test on cement/mortar/gypsum.</b>                      Origin; Europe, USA, UK, Japan, Australia                      Complete with ASTM accessories: initial setting time needle 1.00 mm dia and mould, 110-240 V, 50-60Hz, 1ph Conforming to EN 196-3 and ASTM C-141, C-191 AASHTO T-131 standards Easy recall of test setting from test profiles database Large 4.3" graphic touch screen color display LAN port for PC connection via software including LAN cable Supplied with complete software Compatible for remote PC control and network mode up to 32 independent units USB Port for data storage on pond drive Easy programming of customized test including: test start delaly, penetration points positions, manual or automatic penetration rate, free or driven mode, holding intervals, automatic end test detection, automatic measurement of initial and final setting time Easy Calibration Menu including Three Gang Mould, allied accessories etc complete in all respect.</p>	



Sr.#	Description	Bidder to Specify
	<p><b>Accessories</b>                      Accessory for needle continues cleaning and in-water testing. complete kit.                      LAN HUB for PC connection of up to 7 VICAMATIC-2 units or up to 6 units in case of multi-hub network. LAN cable from hub to PC is included each VICAMATIC2 unit is supplied complete with LAN cable.                      Needle for final setting test                      Cylindrical probe for consistency test                      Additional weight 700g                      Conical penetration probe 8mm dia x50mm complete with 100g calibrated weight for gypsum testing to EN 13279                      VICASOFT-PREMIUM PC software to connect up to 32 VICAMATIC-2units including remote control of each unit, data acquisition-processing-filing, printout of test reports.                      Communication via LAN port (each VICAMATIC-2 unit is supplied complete with LAN cable). The connection of one VICAMATIC-2 unit is direct via the PC LAN-port, for more VICAMATIC-2 units ( up to 32) one or more LAN hubs are required with total number of ports equal (or bigger) to the number of VICAMATIC-2 units included in the network.</p>	
4	<p><b>Providing ,Installation, Testing and Commissioning Le Chatelier Soundness Apparatus including Le chatelier water bath etc complete in all respect. .</b>                      Origin; Europe, USA, UK, Japan, Australia                      Confirming to Standards EN-196-3 ASTM C-191 AASHTO T-131                      Le Chatelier soundness kit                      Le Chatelier water bath. 220-240V/50-60Hz/1ph                      Retainer (Set of 2) Steel for Capping of Cylinder Mould                      Rubber pad for 6"x12" Cylinder Mould                      Heavy Duty Concrete Cylinder Mould size 6"x12" (steel pipe)                      Concrete Cube Mould Size. 6"x6" x6" (Cast Iron)                      Three Gang Mortar Cube Mould (Set of 3) Size. 2" x2" x2"</p>	

Name of Firm \_\_\_\_\_

Address \_\_\_\_\_

Signature & Stamp \_\_\_\_\_



**BANK GUARANTEE**

(See Clause 50(b) of general conditions of contract in line with clause 7 of special condition of contract)

WHERE AS a contract for the \_\_\_\_\_  
(name of work)

(thereinafter called the work) has been awarded by the governor of the Punjab, acting through the Executive Engineer \_\_\_\_\_ Division \_\_\_\_\_ thereinafter sometimes called Government to Mr./Messrs. \_\_\_\_\_  
\_\_\_\_\_ (hereinafter called the contractor)  
(name of contractor)

**AND WHEREAS, the** contractor has constructed the said work and completed the contract; or part thereof for which a certificate of completion has been given by the engineer-in-charge

**AND WHEREAS,** clause 50(b) of the general conditions of contract provides that the amount of security deposit retained by the government in the above work or such portion of the security of the security deposit as the engineer-in-charge shall determine with respect to a part of the work, having regard to relative value of such part of the work can be released to the contractor, provided the contractor produces a bank guarantee from the Bank of Punjab/Scheduled Bank of Pakistan of an amount equal to the amount of his security deposit as aforesaid, to the effect that the contractor shall repair and replace at his expense all the damages and imperfections which may become apparent in all or any of the work mentioned in the contract within the balance period of maintenance after certificate, final or otherwise of 1st completion has been given by the engineer-in-charge.

**AND WHEREAS,** the certificate of completion of the work or part of the work has been given by the Engineer-in-charge on \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_\_ and the contractor in responsible to repair and replace such damages and imperfections upto the \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_\_

**NOW, THEREFORE,** by this guarantee we / M/s. \_\_\_\_\_ Bank of Pakistan Ltd. \_\_\_\_\_ Branch \_\_\_\_\_ (Hereinafter called the guarantor) Do hereby hold and bound ourselves, our successors and assigns, jointly and severally to the Government in a sum of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ )

The condition of this guarantee is such that the contractor shall repair and replace at his own expense all the damages and imperfections which become apparent in all or any of the works mentioned in the contract within the period mentioned in item(i) of the memorandum annexed with the contract, after a certificate, final or otherwise of its completion, beginning from the \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_\_ has been given by the engineer-in-charge to his satisfaction his successors in office, or assigns, except a result of the consequences of war hostilities, whether direct or indirect (whether war be declared or not) invasion, act of foreign enemy, rebellion, revolution, insurrection, military or usurped power, civil war, or riots (otherwise than among the contractor’s own employees), commotion or disorder, failing which

the guarantor binds himself, his successor or assigns, under this guarantee to pay to the Government his successor in office or assigns, on demand and without question and without reference to the contractor, a sum hereinbefore mentioned above.

Provided that the notice of demand of the said sum of Rs. \_\_\_\_\_ (Rupee \_\_\_\_\_ shall be given to the guarantor) in writing by the Executive Engineer \_\_\_\_\_ Division \_\_\_\_\_ or his successor in \_\_\_\_\_ or assigns.

Provided further that this guarantee shall be irrevocable and the liability of guarantor under this guarantee shall in no case exceed the aggregate sum of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) and shall cease after \_\_\_\_\_ days of \_\_\_\_\_ 20 \_\_\_\_\_ pursuant to the authority of its governing body.

Guarantor \_\_\_\_\_

Name \_\_\_\_\_

Branch \_\_\_\_\_

Signed, sealed and delivered by the sand guarantor in the presence of

Witnesses:

1. \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

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2. \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

**(Annex-A)**

## Pending Litigation and Litigation History

Bidder's Name: \_\_\_\_\_

Date: \_\_\_\_\_

Tender No. : \_\_\_\_\_

Page \_\_\_\_\_ of \_\_\_\_\_ pages

Year	Non-performed portion of contract	Contract Identification	Total Contract Amount (in Pak Rupees)
		Contract Identification: Name of Employer: Address of Employer: Reason(s) for non performance:	
<input type="checkbox"/> No pending litigation <input type="checkbox"/> Pending litigation			