



WATER AND SANITATION AGENCY (LDA)

59-F GULSHAN-E-RAVI LAHORE

Technical Bid

RECEIPT NO. _____

DATED _____

OPENING DATE _____

(FOR OFFICE USE ONLY)

TENDER NO.P&S/25.01/6050 - OPERATION AND MAINTENANCE OF 54-NO WATER FILTRATION PLANTS INCLUDING 3 YEARS WATER TESTING REPORTS QUARTERLY (ARSENIC BIOLOGICAL CONTAMINATION REMOVAL) (ULTRAFILTRATION TECHNOLOGY BASED) (4000 Ltr/hr)

NAME OF FIRM _____

ADDRESS _____

COMPLETION PERIOD **03-Years** _____

DCR NO. _____ DATED _____ RS. _____

ISSUED BY _____ Name of Branch _____

INSTRUCTIONS FOR BIDDERS

1. The bidder should quote rate after careful study of bid document.
2. 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.
3. The bid must accompany NTN certificate from concerned Income Tax Office without which the bid will not be entertained.
4. Any rebate on tendered rates of item/whole bid cost shall not be accepted.
5. Bid will be valid for the 120 days.
6. No tender will be received telegraphically or by post.
7. Conditional tender will not be accepted.
8. The bidder must provide PRA Certificate along with bid.
9. 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 5.01% to 10%.

SPECIAL CONDITIONS

1. The Contractor shall attach relevant documents as a support which is required in technical evaluation criteria duly signed and stamped by bidder otherwise bids shall not be qualified.
2. The decision of Technical Evaluation committee shall be final and acceptable by the bidders.
3. The successful bidder shall have to submit water testing report quarterly basis both sides from inlet and outlet.
4. The Contractor shall maintain the Plant and the portions of the Works, which are on the standby mode, in a manner that they remain protected and functional.
5. The operation and maintenance of water filtrations plants shall include, but may not be limited to, the following functions and activities;
 - a) Operation of the Plants and the Equipment.
 - b) Replacement of defective parts with original principle parts as already installed (excluding membrane / filter media).
 - c) Dosing of process control chemicals, if required
 - d) All the process and Plant control measures and activities
 - e) All the process and Plant relates troubleshooting
 - f) Disposal of rejected water as per the guidelines of Environmental Protection Agency of Pakistan and WHO Guidelines
6. The Contractor shall employ its best efforts to minimize nuisance for the surrounding areas as per guidelines of EPA.
7. The successful bidder shall be responsible for safety and security of plants any theft or damage shall be recovered in his own risk and cost.
8. Any Complaint received from public / WASA Staff regarding efficiency / operation shall be resolved by the firm within 03-hours otherwise fine @ **Rs.3,000.00** per hour shall be deducted from running / outstanding bills.
9. The successful bidder shall have to submit invoices for payment quarterly basis along with water testing reports. 90% payment of each invoice shall be made and 10% of Gross amount of each invoice shall be retained by WASA as a retention money which shall be released after **01-year** of successful completion of services.
10. Proper Handing over / Taking over of filtration plants shall be made on expiry of contract period to WASA concerned quarter after checking the physical condition of filtration plants.
11. The successful bidder shall establish his own complaint monitoring system / mechanism to receive the complaints through his staff 24/7 rather public or WASA for prompt rectification / attendance of complaints.
12. WASA shall carry out the sudden checking / visit to check the complaint monitoring center and its working / performance.
13. The successful bidder shall maintain proper record concerning time of complaint received and redressal time.
14. The bid security in the shape of **CDR** in favour of **Director (P&S)** WASA on account of bidder who choose to participate amounting to **Rs.1,231,995.00** shall be submitted with technical bid failing which the bid may be rejected.

15. 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 lead partner shall meet not less than 40% percent of all qualifying criteria given in paras heretofore.
 - iii) Each of the partners shall meet not less than 25% percent of all the qualifying criteria given in paras heretofore.
 - iv) 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. Individual members must satisfy each of the requirements of paras 17, 18 & 19 heretofore.
 - v) The lead partner shares shall not be less than 50% and shares of each partner of JV shall not be less than 25%.
 - vi) 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.
 - 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 and several liabilities with respect to the contract.
16. 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.
17. 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.
18. 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.
19. **Equivalent** : Equivalency of any component shall be subject to prior approval from DMD(Engg).

TECHNICAL EVALUATION CRITERIA

1. Registration certificate / Memorandum of Association / Article of Association /Partnership deed registered with sub-registrar/ Affidavit of sole proprietorship.
2. Registration with FBR & PRA (NTN & PNTN).
3. Experience of similar nature i.e installation or O&M of filtration plants (***sum of scope of work shall not be less than “installation of 25 No. water filtration plants” or “50 No. O&M of filtration plants”***) in last **15 years** with Government Departments.
4. Average annual turnover of **Rs.45 Million** in last **03**-years.
5. Personal Capabilities having **01 No.** chemical / mechanical engineers.
6. Audited financial reports of last three **(03) years** from reputed chartered accountant firm.
7. No Black Listing and Litigation on Judicial stamp paper of **Rs.100**.
8. The technical evaluation shall be on **knockout** basis. A bidder must have to fulfill all requirements as stated above.

Technical Bid

For

**Tender NO.P&S/25.01/6050 - OPERATION AND MAINTENANCE OF 54-NO
WATER FILTRATION PLANTS INCLUDING 3 YEARS WATER TESTING REPORTS
QUARTERLY (ARSENIC BIOLOGICAL CONTAMINATION REMOVAL)
(ULTRAFILTRATION TECHNOLOGY BASED) (4000 Ltr/hr)**

S.#	Description	Bidder to Specify
A	Electric Instrumentation, Switches, Valves Protections, relays.	
B	SCADA monitoring for each plants.	
i	1st year O&M of 54-No Filtration Plants	
ii	2nd year O&M of 54-No filtration plants (including escalation @ 10%)	
iii	3rd year O&M of 54-No filtration plants (including escalation @ 10%)	
C	Operation and Maintenance Cost for each plant.	
i	Operational Staff (Shared Job)	
ii	Supervision staff (Project Manager, Supervisors, Skilled helpers)	
iii	Transportation fuel	
iv	Chemicals	
v	R&M (Pumps, Valves)	
vi	R&M of filtration plant house 1st year O&M 2nd year O&M (including escalation 10%) 3rd year O&M (including escalation 10%)	
D	Water Testing only for arsenic (need basis) Water testing & sample collection charge 1st year Water Testing 2nd year Water Testing (including escalation 10%) 3rd year Water Testing (including escalation 10%)	
	Total	

Name of Firm _____

Address _____

Signature _____



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C	Operation and Maintenance Cost for each plant.				
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iv	Chemicals				
v	R&M (Pumps, Valves)				
vi	R&M of filtration plant house				
	1st year O&M	54	No.		
	2nd year O&M (including escalation 10%)	54	No.		
	3rd year O&M (including escalation 10%)	54	No.		
D	Water Testing only for arsenic (need basis)				
	Water testing & sample collection charge				
	1st year Water Testing	54	No.		
	2nd year Water Testing (including escalation 10%)	54	No.		
	3rd year Water Testing (including escalation 10%)	54	No.		
	Total				

Name of Firm _____

Address _____

Signature _____