

**TERMS & CONDITIONS FOR THE REPAIR AND MAINTENANCE CONTRACT
OF REVERSE OSMOSIS PLANTS AT F.I.C, FAISALABAD**

1. Tenders are invited from the firms, duly registered with the following Authorities of Pakistan & Government of Punjab.
 - a. Income Tax, Sales Tax Department Government of Pakistan.
 - b. Punjab Revenue Authority Government of Punjab.

Tender will be done according to PPRA Rules 2014 amended up to date. If the firm is enlisted with any one of above Departments will not be eligible to participate in the tender.
2. Firm must have at least two-years of experience to carry out the similar nature of jobs.
3. Bids will be submitted in sealed envelope (single stage-two envelopes method) containing two sealed envelopes. One envelope will bear TECHNICAL PROPOSAL other FINANCIAL PROPOSAL. Initially only technical proposal will be opened by the Tender Opening Committee.
4. Any offer not received as per terms and conditions of the tender enquiry is liable to be rejected. No offer shall be considered if:
 - i. Tender form not purchased from Medical Superintendent Office.
 - ii. Received after the last date and time of receipt.
 - iii. The tender is unsigned.
 - iv. The tender is ambiguous/ tampered.
 - v. The offer is conditional.
 - vi. The offer is from a firm already blacklisted or suspended.
 - vii. The offer is received by Telegram/Fax/Email.
 - viii. The offer not confirming the specifications as per tender inquiry.
 - ix. Received without Earnest Money.
 - x. If the required documents are not attached/tampered/missing (Missing documents will not be accepted after the opening of tenders).
5. The firm will be responsible to solve any complaint at maximum within twenty-four hours, subject to provision of spare parts.
6. Payment will be made after supply of parts however performance guarantee will be remained in F.I.C till the consumption of parts.
7. If firm does not fulfill terms and conditions of contract, contract will be canceled and security will be forfeited.
8. Rates should be inclusive of all taxes. Firm will not be allowed to charge taxes additionally.
9. Security will be released after expiry of contract period.
10. In case of non-completion of contract, the security will be forfeited and firm will be declared blacklisted.
11. The rates should be quoted both in words as well as in figures.

12. For repair and maintenance of R.O. Plants tenderers are required to furnish Bid Security @ 2% of the estimated price in shape of C.D.R. which will be released after the submission of Performance guarantee.
13. For supply of spare parts of R.O. Plants tenderers are required to furnish Bid Security @ 2% of the sum of per unit price of quoted parts in shape of C.D.R. which will be released on completion of contract period.
14. The successful bidder will be required to furnish 05% Performance Security in the form of C.D.R. in favor of **Faisalabad Institute of Cardiology -Security Account** before issuance of award letter, which will be refunded/ returned to the bidder after satisfactory completion warranty period. In case of failure the same will be forfeited.
15. If;
 - i. In case the offer is withdrawn, amended or revised during the validity period of the offer, the Earnest Money is liable to be forfeited.
 - ii. In case contractor fails to execute the contract in accordance with the terms and conditions laid down, the security will be forfeited.
16. Offers must be quoted on the prescribed tender form Cash Receipt in original for purchase of tender must be attached with the offer.
17. Tender should be addressed to the Medical Superintendent, F.I.C, Faisalabad.
18. The successful bidder will sign an agreement with Hospital Authority.
19. Acceptance/ Rejection of technical offer will be on the basis of evaluation criteria.
20. Contract will be awarded for the period one year extendable up to 03 months.
21. Details of RO Plants which will be covered under contract is as under: -

Sr. No.	Location
1.	Hospital 4 th Floor
2.	Hospital 4 th Floor
3.	Laboratory
4.	Steam Boiler
5.	Residential Area.


Medical Superintendent
 Faisalabad Institute of Cardiology,
 Faisalabad.

KNOCK OUT CLAUSES

S. #	DETAILS	IF
1.	Original Receipt for the purchase of tender.	Not Attached
2.	Minimum two years of experience in relevant field.	Not Attached
3.	Terms & Conditions of tender duly signed & stamped.	Not Attached
4.	Company profile including engineering and managerial capabilities (Technical Staff & Repair Workshop).	Not Attached
5.	Affidavit on judicial paper of worth Rs. 100/- that the firm is not blacklisted on any grounds what so ever in any department.	Not Attached
6.	Bank Statement / Balance Sheet, N.T.N. & S.T.N. certificate.	Not Attached
7.	Bid Status: Eligible/Not Eligible	

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**BID EVALUATION CRITERIA
FOR TENDERS**

For the purpose of determining the lowest evaluated bid, facts other than prices such as past performance, financial soundness & other details as the procuring agency, at its discretion, may consider appropriate, shall be taken into consideration. The following merit point system for weighing evaluation factors / criteria can be applied for the "TECHNICAL PROPOSALS". The point score shall be mentioned in the "BID EVALUATION REPORT".

MERIT POINT SYSTEM

Technical Evaluation for Repair and Maintenance Contract of R.O. Plants.

SR. NO.	EVALUATION CRITERIA	POINTS	REQUIRED DOCUMENTS						
1.	Financial Position/ Soundness i. Income Tax Paid Statement (15) ii. Bank Statement (10)	25	i. Attested copy of Income Tax Registration certificate ii. Attested copy of Income Tax returns (Last Two Years) iii. Attested copy of Bank Statement						
2.	Experience of Repair for 2 years <table border="1" style="width: 100%;"> <tr> <td>i.</td> <td>1 Year</td> <td align="center">10</td> </tr> <tr> <td>ii.</td> <td>2 Years</td> <td align="center">20</td> </tr> </table>	i.	1 Year	10	ii.	2 Years	20	25	Satisfactory Performance Certificates for maintenance of R.O. Plants.
i.	1 Year	10							
ii.	2 Years	20							
3.	Qualification / Technical Staff of the Company / Firm A) Technical Staff. i. At least 05 Engineering Supervisors (B-Tech/ B-Engg). ii. One additional point for every additional technical staff member shall be granted. Qualification Points i. B.Sc. Degree in Engineering form recognized university. ii. M.Sc. or higher degree in Engineering form recognized university. Points will be awarded as under: - B.Sc. Engineer (M.E./HVAC) 08 Marks / Engineer. Sub Engineer (M.E./HVAC) 06 Marks / Sr. Engr. Certified Technician of field 04 Marks / Tech Maximum Points = 25	25	i. Attach complete detail of Technical staff. ii. Attach attested copies of degrees of technical staff. Note: i. Zero point will be awarded in case bidder fails to provide attested copies of degrees of the technical staff. ii. B. Tech will not be considered for additional qualification points.						
		Total Points 75	Qualifying points 50						

NOTE:

The bid will not be considered for marking of points if technically rejected by Technical Advisory Committee or does not comply with required specifications.

AUTHORITY LETTER


We M/S _____
_____ do hereby authorize Mr./Miss/ Mrs. _____
_____ to attend the meetings, negotiate on prices, receive letters &
bid securities (for tenders 2021 F.I.C, Faisalabad on behalf of our firm. The particulars of
authorized person are given below.

Name of Authorized Person _____
Designation _____
C.N.I.C. No. _____
Mailing Address _____
Contract No. (Landline) _____
Contract No. (Mobile) _____
E-mail Address _____

Dated _____

Stamp

NOTE:- In case of change of authorized person must be informed to Medical
Superintendent, F.I.C, Faisalabad in writing.

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BID PAPERS (CHECKLIST)
TECHNICAL PROPOSAL

- | | | | | |
|--|-----|--|----|--|
| 1. Invitation of Bid | Yes | | No | |
| 2. Bid Performa (duly signed & stamped in accordance with PPRA Rules 2014) | Yes | | No | |
| 3. Terms & Conditions signed & stamped by bidder. | | | | |
| 4. Original purchase receipt of bid documents. | Yes | | No | |
| 5. Attested copy of C.N.I.C. | Yes | | No | |
| 6. Technical proposal/ offer of quoted items | Yes | | No | |
| 7. Affidavit (on Judicial Paper) | Yes | | No | |
| i) Goods/ Services supplied are to be provided by bidder in accordance with Government instruction. | | | | |
| ii) He is not legally penalized | | | | |
| iii) Firm/ he has not provided these stores below this price if so, he is legally bound to pay rate difference if his bid is accepted. | | | | |
| 8. Income Tax registration certificate (attested copy) | Yes | | No | |
| 9. Sales Tax registration certificate (attested copy) | Yes | | No | |
| 10. Bank statement/ Audited balance sheet | Yes | | No | |
| 11. Experience certificate of the firm (attested Copy) | Yes | | No | |
| 12. Attested copy of valid manufacturing or any other license imposed by Govt. (If applicable) | Yes | | No | |
| 13. Attested copy of permanent technical staff & their degrees/ certificates. | Yes | | No | |
| 14. Certificate of company's own workshop. | Yes | | No | |
| 15. Attested copy of international certification (If any) | Yes | | No | |
| 16. Documentary evidence of business experience. | Yes | | No | |

BID PAPERS (CHECK LIST)

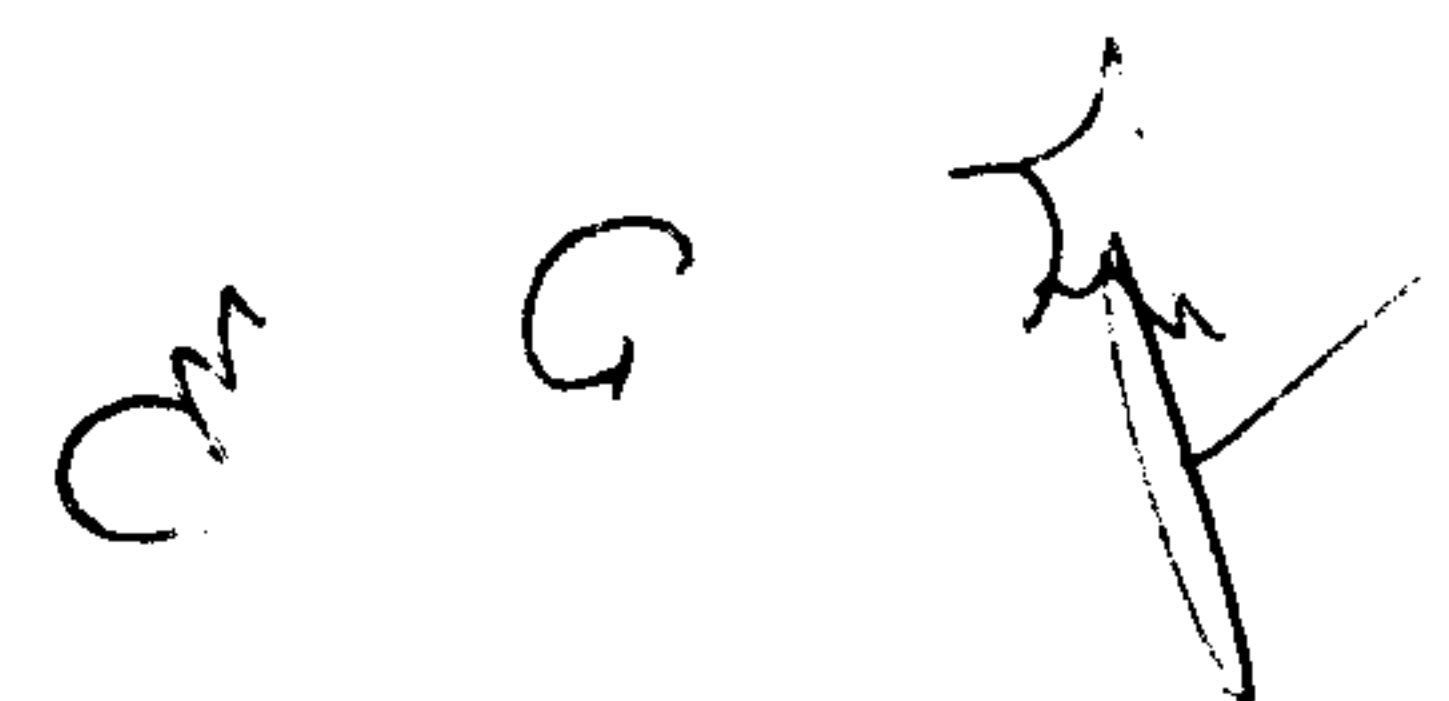
FINANCIAL PROPOSAL

- | | | | | |
|---|-----|--|----|--|
| 1. Financial Proposal (Price Schedule) | Yes | | No | |
| 2. Bid Security (CDR) 2% of estimated price | Yes | | No | |

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LIST OF PARTS


Sr.#	PARTS	UNIT PRICE
1	Booster Feed Pump CRN 2 - 4 Impellers; Make: Imported/Local; Power: 1 HP	
2	Booster Feed Pump CRN 2 - 6 Impellers; Make: Imported/Local; Power: 1 HP	
3	Booster Feed Pump CRN 4 - 4 Impellers; Make: Imported/Local; Power: 1.5 HP	
4	Booster Feed Pump CRN 8 - 4 Impellers; Make: Imported/Local; Power: 1.5 HP	
5	Media Filter Vessel Size 8 * 35; Make: Imported/Local; Max Pressure: 10 Bar; Backwash: Manual	
6	Media Filter Vessel Size 10 * 54; Make: Imported; Max Pressure: 10 Bar; Backwash: Manual	
7	Media Filter Vessel Size 13 * 54; Make: Imported; Max Pressure: 10 Bar; Backwash: Manual	
8	Media Filter Vessel Size 16 * 65; Make: Imported; Max Pressure: 10 Bar; Backwash: Manual	
9	Granular Activated Carbon per Kg; Make: Imported	
10	Silica Sand per Kg; Make: Imported/Local	
11	Arsenic Removal per Kg; Make: Imported	
12	Cartridge Filter; Type: Slim PPF Filter; Size: 5 Micron; Length: 20 Inches; Make: Local/ Imported	
13	Cartridge Filter; Type: Slim PPF Filter; Size: 5 Micron; Length: 10 Inches; Make: Local/ Imported	
14	Cartridge Filter; Type: Slim PPY Filter; Length: 20 Inches; Make: Local/ Imported	
15	Cartridge Filter; Type: Slim PPY Filter; Length: 10 Inches; Make: Local/ Imported	
16	Cartridge Filter; Type: Slim CTO Filter; Length: 20 Inches; Make: Local/ Imported	
17	Cartridge Filter; Type: Slim CTO Filter; Length: 10 Inches; Make: Local/ Imported	
18	Slim Filter Housing; Length: 20 Inches; Make: Local/ Imported	
19	Slim Filter Housing; Length: 10 Inches; Make: Local/ Imported	
20	100 GPD RO Membrane	
21	100 GPD diaphragm pump	
22	Low pressure Switch	
23	High Pressure Switch	
24	GAC filter 10"	
25	RO membrane 8x40	
26	Membrane casing 8x40	
27	FRP vessal 16x65	
28	Multiport valve 2"	
29	Bag filter	
30	High Pressure Pump/ Multistage Pump CRN; Size:2 - 9 Impellers; Power: 1.5 HP; Make: Imported	
31	High Pressure Pump/ Multistage Pump CRN; Size: 2 - 11 Impellers; Power: 1.5 HP; Make: Imported	
32	High Pressure Pump/ Multistage Pump CRN; Size: 2 - 15 Impellers; Power: 1.5 HP; Make: Imported	
33	High Pressure Pump/ Multistage Pump CRN; Size: 4 - 16 Impellers; Power: 1.5 HP; Make: Imported	



34	High Pressure Pump/ Multistage Pump CRN; Size: 4 - 19 Impellers; Power: 1.5 HP; Make: Imported	
35	RO Membrane Housing; Size: 4 X 40; Material: FRP; Make: Imported	
36	RO Membrane Housing; Size: 4 X 80; Material: FRP; Make: Imported	
37	RO Membrane Housing for 500 GPD Plant; Make: Imported	
38	RO Membrane Housing for 400 GPD Plant; Make: Imported	
39	RO Membrane Size: 4 X 40; Flow: 250 LPH; Make: Hydronautics/Filmtech	
40	RO Membrane Size: 400 GPD; Make: Hydronautics/Filmtech	
41	RO Membrane Size: 500 GPD; Make: Hydronautics/Filmtech	
42	UV Sterilizer Type: In Box Single (Lamp+Quart); Make: Imported	
43	UV Sterilizer Type: In Box Double (Lamp+Quart); Make: Imported	
44	Pressure Gauge Range: 0-150 PSI; Type: Liquid Filled; Make: Imported/ Local	
45	Pressure Gauge Range: 0-350 PSI; Type: Liquid Filled; Make: Imported/ Local	
46	Flowmeter; Size: 2 GPM; Make: Imported	
47	Flowmeter Size: 5 GPM; Make: Imported	
48	Flowmeter; Size: 10 GPM; Make: Imported	
49	Flowmeter; Size: 20 GPM; Make: Imported	
50	TDS Meter Type: Online Meter; Sensitivity: 0.05%; Make: Imported	
51	Dosing Pump; Flow Rate: 5 LPH; Pressure: 5 Bar; Head: PVC; Control: Manual	
52	Antiscalant Chemical per Liter; Make: Imported	
53	Antiscalant Chemical CaCl ₂ per Kg; Make: Imported	
54	Antiscalant Chemical MgSO ₄ per Kg; Make: Imported	
55	Antiscalant Chemical KHCO ₃ per Kg; Make: Imported	
56	Chlorine Removal Cl ₂ Removal per Kg; Make: Imported	
57	Cation Resin per Liter; Make: Imported	
58	Anion Resin per Liter; Make: Imported	
59	Mixed Bed Resin per Liter; Make: Imported	
60	Hydrochloric Acid per Liter; Make: Imported/Local	
61	Sodium Hydro-oxide per Kg; Make: Imported/Local	
62	Table Salt per Kg; Make: Imported/ Local	
63	Dosing tank; Capacity: 80L; Make: Imported/ Local	
64	Float Switch; Make: Imported/ Local	
65	Multiport 3 ways valve; Make: Imported	
66	Multiport 4 ways valve; Make: Imported	
67	Storage Tank 500 Liters & 1000 Liters	
68	Diaphragm Pump; Size: 400 GPD; Make: Imported	
69	Phase Failure Protection Circuit	
70	Transparent Filter Jug Size: 10 Inches, Make: Local/ Imported	
71	White Filter Jug Size: 10 Inches, Make: Local/ Imported	
72	UV Rod 10" power 8 Watts, Make: Local/ Imported	
73	UV Module Adapter Voltage: ~220V	


Sr.#	MECHANICAL FITTING + ELECTRICAL	UNIT PRICE
1	PVC Pipe Φ 0.5"	
2	PVC Pipe Φ 0.75"	
3	PVC Pipe Φ 1"	
4	PVC Pipe Φ 1.25"	

5	PVC Elbow Φ 0.5"	
6	PVC Elbow Φ 0.75"	
7	PVC Elbow Φ 1"	
8	PVC Elbow Φ 1.25"	
9	PVC Coupling Φ 0.5"	
10	PVC Coupling Φ 0.75"	
11	PVC Coupling Φ 1"	
12	PVC Coupling Φ 1.25"	
13	PVC Coupling Φ 1.5"	
14	PVC Tee Φ 0.5"	
15	PVC Tee Φ 0.75"	
16	PVC Tee Φ 1"	
17	PVC Tee Φ 1.25"	
18	PVC Cap Φ 0.5"	
19	PVC Cap Φ 0.75"	
20	PVC Cap Φ 1"	
21	PVC Cap Φ 1.25"	
22	PVC F/Adaptor Φ 0.5"	
23	PVC F/Adaptor Φ 0.75"	
24	PVC F/Adaptor Φ 01"	
25	PVC F/Adaptor Φ 1.25"	
26	PVC M/Adaptor Φ 0.5"	
27	PVC M/Adaptor Φ 0.75"	
28	PVC M/Adaptor Φ 01"	
29	PVC M/Adaptor Φ 1.25"	
30	PVC Reducing Bush Φ 0.75" < 0.5"	
31	PVC Reducing Bush Φ 1" < 0.5"	
32	PVC Reducing Bush Φ 1" < 0.75"	
33	PVC Reducing Bush Φ 1.25" < 0.5"	
34	PVC Reducing Bush Φ 1.25" < 0.75"	
35	PVC Reducing Bush Φ 1.25" < 01"	
36	PVC Reducing Bush Φ 1.5" < 0.5"	
37	PVC Reducing Bush Φ 1.5" < 0.75"	
38	PVC Reducing Bush Φ 1.5" < 01"	
39	PVC Reducing Bush Φ 1.5" < 1.25"	
40	PVC Union Φ 0.5"	
41	PVC Union Φ 0.75"	
42	PVC Union Φ 1"	
43	PVC Union Φ 1.25"	
44	PVC Ball Valve Φ 0.5"	
45	PVC Ball Valve Φ 0.75"	
46	PVC Ball Valve Φ 1"	
47	PVC Flange Φ 0.5"	
48	PVC Flange Φ 0.75"	
49	PVC Flange Φ 1"	
50	PVC Flange Φ 1.25"	
51	PVC Joint Cement 473 ml	
53	SS Pipe Φ 1"	
54	SS Globe Valve Φ 0.50"	

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55	SS Globe Valve Φ 0.75"	
56	SS Gate Valve Φ 1"	
ELECTRICAL ITEMS		
57	Electric Solenoid Valve Φ 0.75"- Make: Local/Imported	
58	Electric Solenoid Valve Φ 1"- Make: Local	
59	Electric Solenoid Valve Φ 1.5"- Make: Local	
60	Volt Meter; Make: Imported	
61	Electric Circuit Breaker 03 Pole; 70A; Make: Fuji, Terasaki or equivalent	
62	Electric Breaker 01 Pole; Amperage: 9A, 12A, 22A, 50A; Make: Fuji, Terasaki or equivalent	
63	Magnetic Contactor; Amperage: 9A, 12A, 22A; Make: Fuji, Terasaki or equivalent	
64	Analogue Timer 10-20s	
65	8 pin & 14 pin Relay; Power Supply: 220V AC; Make: Imported	
66	Overload Relay: 3A-70A; Power Supply: 220V AC; Make: Imported	
67	Selector Switch for Panel; Make: Imported	
68	Push Button for Panel; Make: Imported	
69	Emergency Button for Panel; Make: Imported	
70	Panel LED Lights 3V; Make: Imported	
71	Pressure Switch; Make: Imported	
72	Pneumatic Pipe 6mm	
73	Pressure Nipple SS 6mm	
74	DC Power Adapter; Power Supply: 36V, 3A; Make: Imported	
75	Connection Pipe for Triple Water Filter, Length: 5ft, Make: Imported/ Local	

*Contract for each part will be awarded on the basis of rates whichever the lowest. Contractor will responsible for the replacement of supplies spare parts during contract on FOC basis.


Medical Superintendent
 Faisalabad Institute of Cardiology,
 Faisalabad.

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