

**E-Tender Document
for
Supply and installation of 2 KLD DM Water Treatment Plant with 500 LPH RO Plant
(with all necessary accessories and required on site electrical and plumbing works)
including 3 Year's CAMC, at Kolkata Biotech Park**

BID DOCUMENT

**West Bengal State Council of Science & Technology
Department of Science and Technology and Biotechnology
Government of West Bengal
Vigyan Chetana Bhavan
26/B, Block DD, Sector 1, Salt Lake, Kolkata 700064**

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Section -A

**West Bengal State Council of Science & Technology
Department of Science and Technology and Biotechnology
Government of West Bengal
Vigyan Chetana Bhavan
26/B, Block DD, Sector 1, Salt Lake, Kolkata - 700064**

NIT No. 373/STBT-15/1/2023-WBSB(STBT)

Dated: 14.01.2026

QUALIFICATION AND BID NOTICE

Online e-tender is invited by the Administrative Officer, West Bengal State Council of Science & Technology (WBSCST), Department of Science and Technology and Biotechnology, Government of West Bengal, 26/B, Block DD, Sector 1, Salt Lake, Kolkata, West Bengal, PIN-700064, from suitable agencies for supply and installation of **“Supply and installation of 2 KLD DM Water Treatment Plant with 500 LPH RO Plant (with all necessary accessories and required on site electrical and plumbing works) including 3 Year’s CAMC, at Kolkata Biotech Park”** as per the Technical Specifications mentioned in **Annexure-1** and Terms & Conditions stated in this NIT document.

The details about tender can be viewed and downloaded directly from the Government of West Bengal e-Tendering portal: <https://wbtenders.gov.in>. The terms & conditions of the work are given below:

1.

Name of the Work	Earnest Money in Rs.	Estimated Tender value (Rs.)	Time of Completion
Supply and installation of 2 KLD DM Water Treatment Plant with 500 LPH RO Plant (with all necessary accessories and required on site electrical and plumbing works) including 3 Year’s CAMC, at Kolkata Biotech Park	50,000/-	25,00,000/-	2 (two) months

2. **The installation has to be made on the 7th floor at Kolkata Biotech Park, EN-24, Sector-V, Salt Lake, Kolkata-700091** operating under the West Bengal Society for Biotechnology, Department of Science & Technology and Biotechnology, Government of West Bengal.

Intending bidders may download e-tender documents from e-procurement portal of www.wbtenders.gov.in. The bidders have to submit their bid online through <http://www.wbtenders.gov.in>. The Earnest Money is to be paid in E-Portal - www.wbtenders.gov.in as per FD Order vide No. 3975-F (Y), dated 28.07.2016.

3. The Financial Offer of the prospective tenderer will be considered only if the Technical Bid of the tenderer is found qualified by the ‘Tender Evaluation Committee’ formed by the Competent Authority of the WBSCST, DSTBT, GoWB. The decision of the ‘Tender Evaluation Committee’ will be final and absolute in any respect at any stage of the tender process.

4. Tender documents in **two folders** shall consist of:

- i. This Notice Inviting Tender
- ii. Technical specifications
- iii. Instructions to Bidders
- iv. Terms & Conditions
- v. Pre-qualification application
- vi. Declaration
- vii. Financial proposal in excel format and
- viii. Bill of quantities (B.O.Q) *in a separate single folder*

5. **The required 2 KLD DM Water Treatment Plant with 500 LPH RO Plant (with all necessary accessories and required on site electrical and plumbing works) and installations should be as per the Technical Specifications given in Annexure-I.**

6. The bidders should provide compliance with respect to above technical specifications on letterhead with OEM authorization along with all supporting documents for the bid submitted.
7. No mobilization advance will be allowed under any circumstances.
8. No interest on earnest money deposited (EMD) by the tenderer will be allowed under any circumstances.
9. No claim, whatsoever, for delaying payment, if any will be entertained. Bidders are requested to quote their rate accordingly.
10. Conditional /incomplete tender will not be accepted under any circumstances.

11. Date and time Schedule:

1.	Work Completion Period	Within 2 (two) months of Award of Contract
2.	Date of Publishing of Tender	16.01.2026 at 14:00 Hrs.
3.	Period downloading of bidding Documents From E-procurement portal	Start Date: 16.01.2026 at 14:00 Hrs. End Date: 07.02.2026 at 14:00 Hrs.
4.	Bid Submission Start Date	17.01.2026 at 14:00 Hrs.
5.	Bid Submission End Date	07.02.2026 at 14:00 Hrs.
6.	Technical Bids Opening Date (online www.wbtenders.gov.in)	09.02.2026 at 14:00 Hrs. (subject to availability of slots for Bids Opening in the eTender Portal)
7.	Financial Bids Opening Date (online www.wbtenders.gov.in)	Will be announced later
8.	Bid Validity	180 days from the date of opening of Financial Bid

12. Bids shall remain valid for a period of 180 (one hundred eighty) days from the last date of submission of Financial Bid. If the bidder withdraws the bid during the validity period of bid, the earnest money as deposited will be forfeited forthwith without assigning any reason thereof.
13. During scrutiny, if it comes to the notice of the tender inviting authority that the credential or any other paper found incorrect / manufactured / fabricated, that bidder would not be allowed to participate in the tender and that application will be rejected without any prejudice and action may be taken like forfeiture of the Earnest Money, Black Listing from future works etc. as per rules against the concerned bidder.

14. The WBSCST reserves the right to cancel the N.I.T./Bid due to unavoidable circumstances and no clarification in this respect will be entertained.
15. Before issuance of the LOI/Work Order, the tender inviting authority may verify the credential and other documents of the lowest tenderer if necessary. After verification if it is found that the documents submitted is manufactured or false, supply order will not be issued and action may be taken accordingly.
16. No price preference and other concession will be allowed.
17. Prospective applicants are advised to note carefully the minimum qualification criteria as mentioned in “**instruction to bidders**” before tendering the bids.
18. On receipt of intimation from the appropriate authority, earnest money deposited by the unsuccessful tenderers will be refunded as per financial norms.
19. In case of successful tenderers, in general the deposited earnest money will be refunded after completion of the satisfactory supply in all respect.
20. a) Addenda to this tender document if issued must be submitted along with tender documents.
b) Overall lowest rate will be considered for acceptance.
21. Tenderers should also study carefully the content of N.I.T. and other tender documents before submission of the tender in order to be conversant with the provision, special terms & conditions, technical specification etc. Subsequent plea for ignorance of terms and conditions of the N.I.T. and other tender documents shall not constitute a ground for preferring a claim of any nature.
22. The Defect Liability period/Guarantee obligation period is 03 (three) years calculated from the completion date.
23. The installations should be done by the supplier and 3 years onsite CAMC support should be provided for all parts, peripherals and functioning of the installed system.
24. Rate quoted by the different tenderers for the supply should be inclusive of all taxes, duties, transportation, cost of installation etc. and for these no payment will be made beyond the quoted value. Bidders should consider all such costs at the time of quoting their rates in tender.
25. Taxes will be deducted from the Running/Final bill as per norms in vogue.

Sd/-
Administrative Officer
WBSCST

Section –B

INSTRUCTION TO BIDDERS

General guidance for e-Tendering

Instructions/ Guidelines for tenders for electronic submission of the tenders have been annexed for assisting the tenderers to participate in e-Tendering.

1. Registration of Bidders / Tenderers:

The Bidder / Tenderer willing to take part in the process of e-Tendering will have to be enrolled & registered with the Government e-Procurement system, through logging on to www.wbtenders.gov.in (the web portal of Govt. of West Bengal).

2. Digital Signature Certificate (DSC):

The Bidder/Tenderer is required to obtain a Class-II or Class-III DSC for submission of tender from the approved service provider of the National Informatics Centre (NIC).

3.The Bidder/Tenderer can search and download N.I.T., Tender Document(s) and Addenda and Corrigenda (if any) electronically from the website mentioned in Clause 1. This is the only mode of collection of Tender Documents.

4. Submission of Tender:

Tenders are to be submitted through online to the website stated in Clause 1 in two folders at a time viz. one is Technical Proposal and other is Financial Proposal.

5.Technical Proposal: The Technical proposal should contain scanned copies of the following documents:

Statutory Cover Containing following documents:

- a. The deposit challan clearly mentioning the package no. and UTR No. regarding submission of the cost of tender documents.
- b. The deposit challan clearly mentioning the package no. and UTR No. regarding submission of the earnest money.
- c. The rate will be quoted in the B.O.Q. The quoted rate will be encrypted in the B.O.Q. under Financial Bid. In case of quoting any rate in other document the tender is liable to be summarily rejected.

Non-statutory Cover Containing following documents:

- a. Evidence of having experience in similar type of works during last 3 (three) financial years. Attach at least 2 order copies.
- b. Running work in hand of similar nature.
- c. Income Tax Return of last 3 (three) financial years
- d. Audited balance sheet of last 3 (three) financial years
- e. Company registration certificate/ partnership deed (if applicable)
- f. PAN Card of the agency.
- g. GST registration (GSTIN) number

- h. Technical Details Annexure-1 on company Letter Head/ Letter Head of OEM
 - i. Compliance of additional T&C as in sl. 19, section C
 - j. Pre-Qualification Application duly filled in and signed
 - k. Declaration duly filled in and signed
6. Tender Evaluation Committee (TEC): Evaluation Committee constituted by the competent authority will function as Evaluation Committee for selection of technically qualified bidders. The decision of this committee will be final, in any matters.
7. Opening of Technical Proposal: Technical proposals will be opened by the Administrative Officer, WBSCST and his authorized representatives electronically from the website using their DSC.
8. Intending tenderers may remain present physically during such opening if they so desire.
9. Decrypted (transformed into readable formats) documents of the non-statutory cover will be downloaded & handed over to the Tender Evaluation Committee.
10. Financial Proposal should be quoted in the BOQ only. The financial proposal (including taxes/ service charges etc.) should contain the following documents in one cover (folder): Bill of Quantities (B.O.Q.).
11. **Penalty for suppression / distortion of facts:** If any tenderer fails to produce the original hard copies of the documents on demand of the Tender Evaluation Committee within a specified time frame or if any deviation is detected in the hard copies from the uploaded soft copies, it may be treated as submission of false documents by the tenderer and action may be referred to the appropriate authority for prosecution as per relevant IT Act.
12. Rejection of Bid: Employer reserves the right to accept or reject any Bid and to cancel the Bidding processes and reject all Bids at any time prior to the award of Contract without there by incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the ground for Employer's action.
13. Award of Contract: The successful Bidder will be intimated through Letter of Acceptance. After execution of an agreement, Work Order will be awarded.
14. Information regarding correspondence: The bidders should provide official contact number and e-mail ID for future correspondence in the space provided in Prequalification application under technical proposal.

Sd/-
Administrative Officer
WBSCST

Section – C

TERMS AND CONDITIONS

1. The required 2 KLD DM Water Treatment Plant and 500 LPH RO Plant with all necessary accessories should be as per the Technical Specifications given in **Annexure-I**.
2. The supply and installations should be completed within **2 (two) months** from the date of issue of the Work Order.
3. The bidders should provide compliance with respect to above technical specifications on letterhead of OEM along with supporting documents towards the bid submitted.
4. This is Two-part bid consisting of Technical and Financial bids. The financial bids of the bidders whose technical bids are found valid and accepted will only be opened.
5. Conditional/ provisional bid will NOT be accepted, whatever it may be.
6. Incomplete bids will be summarily rejected.
7. The Earnest Money will be auto refunded to unsuccessful Bidders after issue of formal work order to the successful bidder and The Earnest Money of successful Bidder will be refunded after Guarantee Obligation period.
8. Payment terms:
 - a) No advance payment will be made.
 - b) 100% payment will be made to the successful bidder on satisfactory completion of the work of supply, installation and commissioning of related items.
 - c) Payment will be released after standard deductions as per rule.
9. Bidders may be required to demonstrate the technical features during technical evaluation.
10. It will be the bidder's responsibility to deliver 2 KLD DM Water Treatment Plant and 500 LPH RO Plant with all necessary accessories including **3 years Comprehensive Annual Maintenance Contract**. Any functional error arising out shall be remedied by the bidder free of cost within the validity of warranty.
11. Disputes - In case of any disputes the jurisdiction will be as per Govt. Rules and Law.
12. Guarantee Obligation: 36 (thirty-six) months from the date of successful supply of the materials replacement of media (if corrupted).
13. All risks on account of logistics including handling loss and damage (if any) will have to be borne by the supplier.
14. Change of Address: If there be any change of original postal address (mentioned at the time of tender) during the execution and finalization of the supply that should be communicated to the authority within 7 (seven) days from the date of such changes.
15. The price should be offered inclusive of all taxes. No other charges will be payable.
16. Bidder (s) should quote firm rates. No subsequent escalation of price will be acceptable.
17. There shall be no separate reimbursement or increase of rate or payment of compensation on any ground.
18. Tender shall not be accepted from the agency which has been blacklisted/ banned/ debarred either by Tender inviting authority of Government of West Bengal or by any other State/ Central Government.

19. Additional Bid specific terms and conditions:

- a) The Tender Evaluation Committee reserves the right to cancel the entire Tender, accept or reject any or all the tender without assigning any reason at any stage. The said authority will not be bound to accept the lowest tender.
- b) Please enclose valid up-to-date copies of requisite tax clearance certificates such as P.T., I.T., PAN, GST and last two years' P&L & Balance-sheet in 3 CD Form. In case of non-inclusion of the same, please enclose the copies of relevant orders in that effect.
- c) Bidders/Tenderer must attend a joint site visit with the Authority to qualify for the tender before the tender is issued.
- d) The Bidder/Tenderer must submit minimum one successfully completed supply order along with experience certificate of WTP RO Water Cooler Purifier work placed on the firm by any Central Govt./ State Govt./ PSU Company in last 3 years from the date of tender opening.
- e) Bidder/Tenderer should have own/J.V. with NABL accredited water tasting lab Establishment.
- f) Registered office of the Bidder/Tenderer must be located at Kolkata.
- g) After issuance of work Order to L1 bidder, if any discrepancy/mismatch/fault found in the documents of L1 bidder, Work Order will be immediately cancelled at any stage of ongoing work without giving any sort of financial assistance to the said bidder.
- h) Supply orders and/or Payment certificates shall not be accepted as credential. Completion certificates will be accepted as credentials.
- i) Bidder/Tenderer should have ISO 9001, 14001 & 45001 Occupational Health and Safety Management Systems for Quality Management System & Environmental Management System.
- j) Bidder/Tenderer must have valid electrical supervisor License.
- k) Bidder/Tenderer should have similar type of work in hand, with Average annual turnover of Rs. 2.0 Crore during the last three years.
- l) Installation, commissioning, testing, configuration, training (if any- whichever is applicable as per scope of supply) is to be carried by OEM/OEM certified resource or OEM authorized Reseller.

Sd/-
Administrative Officer
WBSCST

Section –D

PRE-QUALIFICATION APPLICATION

(in company letterhead)

To

The Administrative Officer
West Bengal State Council of Science & Technology
Vigyan Chetana Bhavan, 26/B, Block DD, Sector 1,
Salt Lake, Kolkata-700064

Sub: **Supply and installation of 2 KLD DM Water Treatment Plant with 500 LPH RO Plant
(with all necessary accessories and required on site electrical and plumbing works)
including 3 Year's CAMC**

Sir,

Having examined the Statutory, Non-statutory & N.I.T. documents, I/we hereby submit all the necessary information and relevant documents for evaluation. The application is made by me/us on behalf of..... in the capacity ofduly authorized to submit the offer.

The necessary evidence admissible by law in respect of authority assigned to me/us on behalf of the group of firms for Application and for completion of the contract documents is attached herewith.

We are interested in bidding for the supply given in Enclosure to this letter. We understand that:

- (a) Tender Inviting & Accepting Authority can amend the scope & value of the contract bid.
- (b) Tender Inviting & Accepting Authority reserve the right to reject any application without assigning any reason.

Enclosure(s):

- 1. Statutory Documents
- 2. Non-Statutory Documents

Signature of applicant

Date:

Name :
Official Contact number :
Official e-mail ID :

Section – E

Declaration

(To be furnished in Company letterhead)

I do hereby declare that I have personally gone through the relevant detailed Notice Inviting Tender and understood all the clauses, specifications of e-tendered items, instruction of the NIT and having been fully satisfied, I have quoted the rate of item. This is further to certify that I have not suppressed any fact in the tender which could debar me to participate into the tender. If it is revealed after opening of the tender that any fact is suppressed by me, tendering authority shall have the right to reject my tender along with other punitive action against me as per terms and conditions of the tender. I do affirm that all the terms & conditions of the NIT are unconditionally accepted by me. I have no objection if any extra term & condition, mutually accepted by me and purchaser is incorporated into the agreement.

(Bidder's Signature)

Section – F

Annexure-1

Technical details of the work - Supply and installation of 500 LPH RO Plant & 2 KLD DM Water Treatment Plant (with all necessary accessories and required on site electrical and plumbing works) including 3 Year's CAMC, at the Kolkata Biotech Park
(to be installed on the 7th floor of the Kolkata Biotech Park)

Sl. No.	Products	Specification	Quantity
Technical Specification of 500 LPH RO Plant			
1	RO Inlet Pipeline	Distance: 32-meter Pipeline Type: Upvc 40Nb Make: Supreme/Astral/Ashirvad.	1 Job
2	Water Pump	Type: Horizontal Pump. Flow Rate: 450L/H. Power Require: 1 HP Electrical Consumption: 220-230 Volt, Single Phase. Make: CRI- ACM (Commercial Grade)/Equivalent.	1 No.
3	Vessel	Type: FRP Type: Cylindrical Diameter: 13 inches Height: 54 inches Opening: Top Operating: Automatic by Pressure Make: BWIPL or Equivalent	2 Nos.
4	Media	Type: Gravel, Anthracite, Mno2, Treated Sand, Plain Sand, Activated carbon. Make: Global Absorbents	1 Lot
5	Valve	Filter Material: FRP Type: Fully Automatic Valve Size: 25 NB Operating System: TMF (Top Mount Filter). Make: INS/UKL	2 Nos.
6	Cartridge Housing	Housing Material: FRP Install Type: Vertical Length: 20 inches Make: BWIPL or Equivalent.	2Nos.
7	Cartridge	Filter Material: Polypropylene Type: Spun Install Type: Vertical Length: 20 inches Operating: Automatic by Pressure Make: BWIPL or Equivalent	2 Nos.
8	High Pressure Pump	Type: Vertical Centrifugal Multistage Make: CRI/Equivalent Power Consumption: 1.5 HP	1 No.
9	Pressure Tube	MOC SS DIA: 40" Length: 40"	2 Nos.
10	Membrane	Install Type: Horizontal Series Size: 40x40	2 Nos

		Capacity: 500 LPH Operating: By Pressure Make: Dow/Equivalent	
11	ACP Board	Make: Aluminum Composite Panel. Type: vertical	1 No.
12	Rota Meter	Size:1200 LPH Make: Aster/Equivalent	2 Nos.
13	Pressure Gauge	Range: 0-21 Kg/Cm ² and 0-7 Kg/Cm ² Make: SS	3 Nos.
14	Floaty	Automatic Level	1 No.
15	RO Control Panel	Type: Fully Automatic Make: Astro/Inst.	1 No.
16	LPS Switch	Protect for RO Plant	1 No.
17	Dosing Pump	Type: 6 LPH Make: Initiative/Equivalent	1 No.
18	Dosing Tank	Tank Capacity: 50 Lit	1 No.
19	RO Chemical	Anti-sealant	1 Job
20	RO Final water Tank	Capacity: 1000 Liter Make: SS, Grade - 304	1 No.
21	RO Skid	Size: 500 LPH Make: SS / MS	1 No.
22	Interconnecting Pipeline	Type: UPVC Make: Supreme/Astral/Ashirvad.	1 Lot
23	Interconnecting Electrical Line	3 Core 2.5 mm, Wire Make: Mescab / Polycab / Equv.	1 Lot
Technical Specification of 2 KLD DM Plant			
24	Raw Pump	Type: Horizontal Pump Flow Rate: 750L/H Power Require: 0.5Hp Electrical Consumption: 220-230 Volt, Singel Phase. Make: CRI- ACM (Commercial Grade)/Equivalent.	1 No.
25	Cation Vessel	Filter Material: FRP Type: Cylindrical Diameter: 10 inches Height: 54 inches Opening: Top Operating: Automatic By Pressure Make: BWIPL or Equivalent	1 No.
26	Valve	Filter Material: FRP Type: Multiport Single Level Valve Size: 25 NB Operating System: TMS (Top Mount Softener) Make: INS/UKL	1 No.
27	Media	Make: Ion Exchange Resin	1 Lot
28	Anion Vessel	Filter Material: FRP Type: Cylindrical Diameter: 10 inches Height: 54 inches Opening: Top Operating: Automatic by Pressure Make: BWIPL or Equivalent	1 No.
29	Valve	Filter Material: FRP Type: Multiport Single Level	1 No.

		Valve Size: 25 NB Operating System: TMS (Top Mount Softener)	
30	Media	Make: Ion Exchange Resin	1 Lot
31	Mixed Bed Vessel	Filter Material: FRP Type: Cylindrical Diameter: 10 inches Height: 54 inches Opening: Top Operating: Automatic by Pressure Make: BWIPL or Equivalent	1 No.
32	Valve	Filter Material: FRP Type: Multiport Single Level Valve Size: 25 NB Operating System: TMS (Top Mount Softener) Make: INS/UKL	1 No.
33	Media	Make: ION EXCHANGE RESIN	1 Job
34	Ultraviolet System	Make: Alfa/Equivalent	1 No.
35	Cartridge Housing	Housing Material: FRP Install Type: Vertical Length: 20 inch Make: BWIPL or Equivalent.	1 No.
36	Cartridge	Filter Material: Polypropylene Type: Spun Install Type: Vertical Length: 20 inch Operating: Automatic by Pressure Make: BWIPL or Equivalent	1 No.
37	Floaty	Automatic Level	1 No.
38	Regeneration Tank	Tank Capacity: 50 Lit	2 Nos.
38	DM Chemical	Caustic	1 Job
39	DM Chemical	HCL	1 Job
40	DM water tank	Capacity: 1000 Ltr. Make: SS, Grade 304	1 No.
41	DM Water Delivery Pipe line to 2 nd Floor	24 Meter UPVC (25 nb)	1 Job
42	DM Water Delivery Pipeline to 1 st Floor	15 Meter (25 nb)	1 Job
43	JB Box to Plant Location Electrical Line	3 Core 4mm Wire Make: Mescab / Polycab / Equv.	90 Ft.
44	Electrical Board And MCB	32 Amp MCB & 16 Amp Switch Socket and board	1 Lot
45	Interconnecting Pipeline	UPVC	1 Lot
46	Interconnecting Electrical Line	3 Core 2.5 mm Wire.	1 Lot

CAMC of DM and RO Plants for 3 Years		
47	Scope of Work	<ul style="list-style-type: none"> • Technical Support to be Provided. • Necessary Repairing with Spare Parts as and when required (Cartridge, Valve, etc.) • Supply of required Consumables items (Anti-scalant, HCL, Caustic, etc.). • Weekly once regeneration to be done. • Weekly once technician visit for plant Health Check-up • Quarterly water test report from NABL Approved Laboratory. • Filter media will be changed when necessary. • Maintaining Water Quality to meet desired Parameters.