



WEST BENGAL KHADI & VILLAGE INDUSTRIES BOARD

A Statutory Body under Micro Small Medium Enterprises & Textile Department

12, Binoy-Badal-Dinesh (B.B.D.) Bagh, Kolkata - 700 001

Website: wbkvib.org.in / Web Portal: banglarkhadi.in



Memo No: 780 /KB /ENGG/21/R.M.G. Hub Illambazar/Part-1/2023-24

Date:16.04.2025

TENDER REFERENCE No KVIB/ENG-21/eNIQ/008/2025-26 OF CHIEF EXECUTIVE OFFICER WEST BENGAL KHADI AND VILLAGE INDUSTRIES BOARD

The Chief Executive Officer, Khadi & village Industries Board, invites-tender for the work detailed below which are to be executed through Engineering Section of WBKVIB: -

Name of Work:	Online Notice Inviting Quotation for Supply and Installation of Reverse Osmosis Based Water Treatment Plant 500Ltr. and Iron Removal from Reputed Company in Readymade Garment Hub of Illam Bazar Birbhum during the year 2024-25 2 nd Call.
Estimated Value:	₹ To be Quoted (Including All Taxes & LWS)
Earnest Money Deposit:	₹ 10,000.00 (2% of Estimated Amount) Online eprocurement
Completion:	60 Days
Location:	Birbhum
Defect Liability Period:	365 Days after completion
Eligibility of Bidder:	Bonafede, Resourceful, Experience & Reliable Government Licensed Contractor / Agencies having adequate credentials in execution of similar nature of work or original Work under Govt. Department is Eligible through Pre-Qualification.

- ❖ In the event of e-filing intending bidder may download the tender document from the website, <https://wbtenders.gov.in> directly by the help of Digital Signature Certificate & necessary Earnest Money.
- ❖ Unsuccessful Tenderer will not have to pay the cost of tender documents for the purpose of participating in e-tendering, but the **successful bidder L1 (Lowest) Bidder will have to pay the cost of Tender Documents (2911) of 2 (two) A/PW/0/10C-35/10 Dated: - 26/07/2011 of secretary PWD Govt. of West Bengal**

Important Date & Time (Online): -

Publishing Date:	17-Apr-2025	at	06.00 pm
Document Download / Sale Start Date:	17-Apr-2025	from	06.00 pm
Seek Clarification Start Date:	-	-	-
Seek Clarification End Date:	-	-	-
Bid Submission Start Date:	17-Apr-2025	from	06.00 pm
Bid Submission Closing Date:	28-Apr-2025	up to	11.00 am
Bid Opening Date (Technical):	30-Apr-2025	at	11.00 am
Bid Opening Date (Financial):	To be Notified during the Bid Opening Process		

❖ Details of Scope of work provided in enclosed annexure

- ❖ **Eligibility criteria for participation in tender: -**
- Bidder should have credential of similar type of work in last 5 years in any Govt. Organization, necessary completion certificate should be uploaded issue from competent authority

General Instructions

❖ Documents to be Submitted Online [☒ Only]: -

- **Certificate:**

- ☐ Bank Solvency Certificate
- ☒ Income Tax Return (For Last 3 Years)
- ☐ Audit Report (For Last 3 Years)
- ☒ VAT/Sales Tax Registration Certificate Along with Acknowledgement, PAN, Latest IT Acknowledgement, P-tax, Labour License
- ☐ Employees State Insurance Certificate
- ☒ GST Registration Certificate
- ☒ Permanent Account Number
- ☐ Provident Fund Certificate
- ☒ The Micro, Small and Medium Enterprises Certificate (Not Compulsory)
- ☒ Latest Valid Trade License
- ☐ Electrical Contractor License
-

- **COMPANY DETAILS:**

- ☒ Partnership Deed, Co-Operative Society Bylaw, Moa, Trade License, Company Registration Certificate (If any)
- ☐ Company Details 2

- **CREDENTIAL:**

- ☒ Credential 1
- ☒ Completion Certificates

- **DECLARATION:**

- ☒ Declaration File 1
- ☐ Declaration File 2

- **EQUIPMENT:**

- ☐ Labortary
- ☐ Machineries 1
- ☐ Machineries 2
- ☐ Machineries 3

- **FINANCIAL INFO:**

- ☒ Payment Certificate 1
- ☐ Payment Certificate 2
- ☐ P/L & Balance Sheet 2015-16
- ☐ P/L & Balance Sheet 2016-17
- ☐ P/L & Balance Sheet 2017-18
- ☐ P/L & Balance Sheet 2018-19
- ☐ P/L & Balance Sheet 2019-20
- ☐ P/L & Balance Sheet 2020-21
- ☐ P/L & Balance Sheet 2021-22
- ☐ P/L & Balance Sheet 2022-23
- ☐ P/L. & Balance Sheet 2023-24
- ☐ P/L & Balance Sheet 2024-25
- ☐ P/L & Balance Sheet for Last Financial Year
- ☒ Work in Hand

• **MANPOWER:**

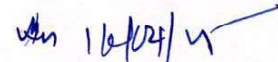
- ☐ Technical Personnel on Payroll
- ☐ Technical Personnel on Contract

❖ **Other Terms & Conditions: -**

- a. Pan Card, Professional Tax receipts Challan for the Year 2021-22, Current GSTIN registration Certificate along with current GST payment receipt to be accompanied with the Technical Bid document. Income Tax (SARAL) Acknowledgement Receipt for assessment year (2021-2022) to be submitted.
- b. Bidder must have office in West Bengal.
- c. The prospective bidders shall have in their full-time engagement experienced engineering personnel.
- d. The Bid should be submitted in two parts digitally super scribing "TECHNICAL BID" and "FINANCIAL BID". FINANCIAL bid of only those bidders shall be opened who are technically qualified on evaluation according to the predefined qualification criteria as mentioned in this N.I.E.T by the 'Tender Committee' formed for the purpose. The decision of the 'Tender Committee' will be final and absolute in this respect. The list of Qualified Bidders will be displayed in the Notice Board of this Office on the scheduled date and time as mentioned in the NIQ.
- e. Issuance of work order as well as payment will depend on availability of fund and no claim whatsoever will be entertained for delay of Issuance of work order as well as payment, if any. Intending tenderers may consider these criteria quoting their rates.
- f. Defect Liability Period mentioned in NIQ front page**
- g. Adjustment of price (increase or decrease): - No escalation of cost will be allowed even in extension period of time, granted by WBKVIB.
- h. No Mobilization advance and Secured Advance will be allowed.
- i. Price preference will not be allowed.
- j. Security deposit @ 8% will be deducted from the running bill till completion of the work.
- k. Security deposit & Earnest Money Deposit will be released after 1(One) year from the date of completion of the work and recommendation of Executive Engineer.
- l. Agencies shall have to arrange land for creation of plant and machineries, storing of materials, labour shed, laboratory etc. at their own cost and responsibility.
- m. The Chief Executive Officer, WBKVIB reserves the right to cancel the NIQ due to unavoidable circumstances and no claim in this respect will be entertained.
- n. Before issuance of the work order, the tender inviting authority, may verify the credential & other documents of the lowest tenderer if found necessary. After verification, if it is found that such documents submitted by the lowest tenderer is either manufactured or false in that case, work order will not be issued in favor of the tenderer under circumstances.
- o. The intending tenderers are required to quote the rate online only. No offline tender will be entertained.
- p. The intending tenderer is required to quote the rate in figures as well as in words as percentage above / below than or at par with the relevant price schedule of rates.
- q. No CONDITIONAL / INCOMPLETE TENDER will be accepted under any circumstances.
- r. In case of Quoting rates, no multiple lowest rates will be entertained by the Department.
- s. Qualification Criteria.

❖ Defect Liability Period: -

03 (Three) Months	Full security deposit shall be refunded to the contractor on expiry of the time period from the actual date of completion of the work
12 (Twelve) Months	
36 (Thirty-Six) Months	<p>i) 30% of the security deposit shall be refunded to the contractor on expiry of 2 (Two) years from the actual date of completion of the work.</p> <p>ii) The rest 70% of the security deposit shall be refunded to the contractor on expiry of 3 (Three) years from the actual date of completion of the work</p>
60 (Sixty) Months	<p>i) No security deposit shall be refunded to the contractor for 1st 3 (Three) years from the actual date of completion of work.</p> <p>ii) 30% of the security deposit shall be refunded to the contractor on expiry of 4 (Four) years from the actual date of completion of work.</p> <p>iii) The rest 70% of the security deposit shall be refunded to the contractor on expiry of 5 (Five) years from the actual date of completion of work</p>
Interest free security	Full security deposit shall be refunded to the contractor after receiving the requesting letter from the contractor and 6 (Six) months after expiry of agreement with the Board

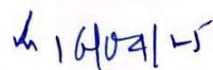

Chief Executive Officer
W.B. Khadi & V.I. Board

Memo No: 780/1(6) /KB /ENGG/21/R.M.G. Hub Illambazar/Part-I/2023-24

Date: 16.04.2025

Copy Forwarded for necessary information to:

1. The FA & CAO WBKVIB.
2. The PEO, WBKVIB
3. The Executive Engineer (Civil), WBKVIB.
4. The District Officer Birbhum, WBKVIB
5. Notice Board
6. Office Website (Ansuman Ghosh).


Chief Executive Officer
W.B. Khadi & V.I. Board

ANNUXERE

REVERSE OSMOSIS BASED WATER TREATMENT PLANT 500LPH RO PLANT

BASIS OF DESIGN AND CAPACITY 500 LPH

WATER TREATMENT PLANT BASED ON REVERSE OSMOSIS TECHNOLOGY

Capacity: 500 liters. Per hour

Assumptions: No. of working days: 360 days No. of working
hours: 18 hours

Capacity utilization: 40-45%

Salt rejection: 94%-99% Inputs (Raw Water Quality):

Total Dissolved Solids:1800ppm(example)

PH:7 to 8 Output (Treated Water Quality):

Total Dissolved Solids:60 to 140ppm

PH :6.5 to 7.5*

Final Output TDS: As per requirement* TECHNICAL SPECIFICATIONS FOR500 LPH R.O.PLANT

<u>FRP VESSEL 13X54 TBO</u>	<u>1nos</u>
<u>25 NB TMF</u>	<u>1nos</u>
<u>FEED PUMP 1 H.P.</u>	<u>1nos</u>
<u>HIGHPRESSURE PUMP</u>	<u>1nos</u>
<u>HOUSIN20"</u>	<u>2nos</u>
<u>SPUN 20"</u>	<u>2nos</u>
<u>CONTROL PANEL 11 LPH</u>	<u>1nos</u>
<u>PRESSURE GAUGE</u>	<u>4nos</u>
<u>FLOW METRE 1200</u>	<u>2nos</u>
<u>MEMBRANE 4040</u>	<u>2nos</u>
<u>S.S. MEMBRANE HOUSING 4040</u>	<u>1nos</u>
<u>DOSING PUMP</u>	<u>1nos</u>
<u>UV</u>	<u>1nos</u>
<u>AUTO FLASH</u>	<u>1nos</u>
<u>PIPEFITTINGS</u>	<u>1lot</u>
<u>CHEMICAL JAR</u>	<u>1nos</u>
<u>LPS/HPS</u>	<u>1nos</u>
<u>GRAVELS</u>	<u>1lot</u>
<u>TREATEDSAND</u>	<u>1lot</u>
<u>ANTHRACITE</u>	<u>1lot</u>
<u>MNO2</u>	<u>1lot</u>

16/09/25
EXECUTIVE ENGINEER
W. B. KHADI & V. I. BOARD
12, B.B.D. Bag., Kol-700001

BASIS OF DESIGN AND CAPACITY 5000L IRON REMOVAL PLANT
WATER TREATMENT PLANT BASED ON REVERSE OSMOSIS TECHNOLOGY

1. **Mno2 Filter** PURPOSE TO REDUCE THE METALIC IRON SUSPENDE IN THE WATER.

SPECTFICATIONS

- MAKE : **VILI / ADDFLOW**
- MATERIAL OF CONSTRUCTION : **FRP**
 - DIA & LEANGTH : **12X48**
- TESTING PRESSURE : **10 Kg/cm2**
 - OPENING : **TOP BOTTOM**
 - QUANTITY: **1 No.**
 - SIZE : **1.5 INCH**
- WARKING : **DOWNFLOW**
 - MEDIA: **MnO2**

2. **MEDIA FILTER** PURPOSE: TO REDUCE THE TOTAL, SUSPEND ED SOLIDS, DIRT, IRON & REDUCE SILT DENSITY INDEX

SPECIFICATIONS

- MAKE : **VILI / ADDFLOW**
- MATERIAL OF CONSTRUCTION : **FRP**
 - DIA & LEANGTH : **24X72**
- TESTING PRESSURE : **10.3 Kg/cm²**
 - OPENING : **TOP bottom**
 - QUANTITY: **1 No.**
- MULTIPOINT : **VALVE TYPE**
 - SIZE : **1.5INCH**
- MAXIMUM FLOW : **16000LPH**
 - WARKING : **DOWNFLOW**
- MEDIA: **mesh , treated sand , Anthracite**

3. COMPRESSOR

PURPOSE TO PROVIDE EXTRA FORCE TO REDUCE THE IORN AND DIRT SLIT FROM THE VESSEL

SPECIFICATIONS

- MATERIAL OF CONSTRUCTION: **M.S**
- TESTING PRESSURE: **2.5 HP**
 - TANK SIZE-**30 LIT**

T-16/4/25
EXECUTIVE ENGINEER (CIVIL)
W. B. KHADI & V. I. BOARD
12, B.B.D. Bag., Kol-700001