

# WEST BENGAL KHADI & VILLAGE INDUSTRIES BOARD



A Government of West Bengal Enterprise under  
Micro, Small and Medium Enterprises and Textile Department  
12, B.B.D.Bag, Kolkata – 700 001

Website: [wbkvib.org.in](http://wbkvib.org.in)/Web Portal: [banglarkhadi.in](http://banglarkhadi.in)



Memo No: 224 /KB/ENGG/21/R.M.G. Hub Illambazar/Part-I/2023-24

Date: 28-01-2025

## NOTICE INVITING e-TENDER REFERENCE No. WBKVIB/CEO/NIQ/197/2024-25 OF CHIEF EXECUTIVE OFFICER WEST BENGAL KHADI & VILLAGE INDUSTRIES BOARD

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

### Name of Work: -

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.

### Estimated Amount: -

To be Quoted (Including all Taxes, GST)

### Earnest Money: -

₹ 10,000.00 (2% of Estimated Amount) Online e-procurement.

### Completion: -

60 Days from Date of Work Order

### Location District: -

Birbhum

### Defect Liability Period: -

1 (One) Years after Completion

### Eligibility of Bidder: -

Bonafide, Resourceful, Experienced & Reliable, Government Licensed Contractor having credential of similar nature of work credential is Eligible Through Pre-Qualification.

### Note: -

- In the event of e-filing intending bidder may download the tender document from the website, <https://wbtenders.gov.in> indirectly by the help of Digital Signature Certificate & necessary Earnest Money
- Intended Tenderer will not have to pay the cost of tender documents for the purpose of participating in e-tendering, but the successful 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): -

1. Documents Download Start	:	29-Jan-2025 from 02.00pm Onwards
2. Documents Download End	:	13-Feb-2025 up to 11.00am
3. Bid Submission Start	:	29-Jan-2025 from 02.00pm Onwards
4. Bid Submission End	:	13-Feb-2025 up to 11.00am
5. Opening of Technical Bid (Open by Authorized Officer):	:	17-Feb-2025 from 11.00am Onwards
6. Opening of Financial Bid	:	To be Notified

❖ Details of Scope of work provided in enclosed annexure

## ❖ General Instructions

### • 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

### 1. Documents to be Submitted Online: -

- a. Income Tax Return (For last 3 years)
- b. Pan Card.
- c. Latest professional Tax Paid Challan & P-Tax Enrollment Certificate, Professional Tax Payment Certificate.
- d. Valid 15-digit Goods and Services Taxpayer Identification Number (GSTIN) under GST Act, 2017 & Latest
- e. GST Return in Form No. 3B.
- f. Latest Valid Trade License.
- g. Work Order along with Payment Certificate, Completion certificate for the work in technical credential.
- h. Registered Partnership Deed, if applicable.
- i. The Power of Attorney for signing the tender by partner.

### 2. 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 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 per 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.

**NB-** All the above documents are to be submitted in separate .pdf file properly named with a forwarding letter in company letter head pad addressed to the CEO, WBKVIB listing all the documents submitted online. The letter head must contain full address telephone no / Mobile No. and e-mail ID.No other papers are required.

3. **Location of critical events:** All meetings related to selection of L1 will be done at the office of the CEO, WBKVIB, Hemanta Basu Bhavan, 12 BBD Bag, Kolkata- 700 001.
4. The technical & financial proposal should be developed by the agency after reading the project summary, details of hardware intervention required, site map and quantity of works to be taken up. The agency may also visit the executing site before preparation of proposal.
7. For any further query one can e-mail to ceowbkvib@gmail.com or call at 9674312318 According to clause 19 of 2911 (ii) contractor should have valid license under the contract labour (Regulation and Abolition) Act 1970 betaken commencement of work and continue it until completion.
8. Contractor will have to maintain qualified technical employees and / or Apprentices of site as per prevailing Apprentices Act or as stipulated at the contact.
9. Contractor shall have to make his own arrangements for water for both for the work and use by the worker. contractor will be responsible for the payment of all water charges payable to corporation / municipality / panchayet.

*28/01/25*

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

Memo No: *224/1(10)* /KB /ENGG/21/R.M.G. Hub Illambazar/Part-I/2023-24

Date: *28.01.2025*

Copy Forwarded for wide publicity through the office Notice Board to :-

1. The Chairman, WBKVIB
2. The Joint Secretary, MSME & T Dept.
3. The District Magistrate, Birbhum District
4. The FA & CAO WBKVIB.
5. The AEO, WBKVIB
6. The PEO, WBKVIB
7. The District Officer Birbhum, WBKVIB
8. The Executive Engineer (Civil), WBKVIB
9. Office Website (Ansuman Ghosh).
10. Notice Board

*28/01/25*

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**

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

  
 ASSISTANT ENGINEER (CIVIL)  
 WBKVIB  
 12, B.B.D. BAG, KOLKATA-700001

  
 EXECUTIVE ENGINEER (CIVIL)  
 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 SUSPENDED 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

**SPECTFICATIONS**

- MAKE : **VILI / ADDFLOW**
- MATERIAL OF CONSTRUCTION : **FRP**
- DIA & LEANGTH : **24X72**
- TESTING PRESSURE : **10.3 Kg/cm<sup>2</sup>**
- 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**

  
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