

**GOVERNMENT OF MEGHALAYA
OFFICE OF THE CHIEF ENGINEER, PHE,
MEGHALAYA SHILLONG,**



सत्यमेव जयते

**QUOTATION NOTICE FOR:
SUPPLY, INSTALLATION AND MAINTENANCE OF ELECTRO CHLORINATOR
SYSTEM
IN MEGHALAYA, SHILLONG.**

Tender Fee ₹10,000/-

**GOVERNMENT OF MEGHALAYA
OFFICE OF THE CHIEF ENGINEER, PHE,
MEGHALAYA:: SHILLONG**

Email: cephe.meghalaya@gmail.com

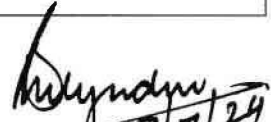
SHORT QUOTATION NOTICE

Sealed quotation affixing non-refundable court fees stamp worth ₹5000/- (Rupees Five thousand) only purchased in Meghalaya is hereby invited from intending Manufacturers having at least 10 years' experience in Manufacturing of Electro Chlorinator System, up to **3.00 P.M. on 12-02-2024.**

The complete bidding documents are available at website of PHED i.e. <http://megphed.gov.in>. Interested parties can download the bidding documents and commence preparation of bids. However, they will be required to purchase the bidding documents (for submission of the Bid), from the office of the Undersigned on any working days from **22-01-2024 to 09-02-2024 up to 3.00 P.M** on payment of ₹ 10,000/-.

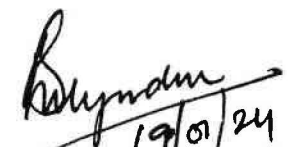
TABLE 1:

Sl. No.	Name of Work	Bid Security (EMD) ₹	Cost of Tender fee ₹
1.	Supply, Installation and Maintenance of Electro Chlorinator System in Meghalaya	₹ 5.00 Lakhs	₹ 10,000 /- (Rupees TenThousand Only)


Chief Engineer, PHE,
Meghalaya, Shillong.

No. CE/PHE/JJM/SPMU/WQ-55/2023-2024/17-A Dated Shillong, the 19th January 2024
Copy to:-

1. The Director of Information and Public Relation, Meghalaya, Shillong for information and necessary action. The Notice for Invitation to Bid may be published on one issue of 3 (Three) leading Local Daily preferably in 1 (One) English, 1 (One) Khasi & 1 (One) Garo Daily. 4 Copies of the Notice for Invitation to Bid are enclosed herewith.
2. The Director of Printing & Stationery, Meghalaya, Shillong for favour of information with a request to arrange publication of the same in the next issue of the Meghalaya Gazette.
3. The State Informatics Officer, NIC for information with a request for hoisting the Quotation in the Meghalaya website.
4. All the Addl. Chief Engineers, PHE for publicity.
5. All the Superintending Engineers, (PHE) for publicity.
6. All the Executive Engineers (PHE) for publicity.
7. Notice Board.


19/01/24
Chief Engineer, PHE,
Meghalaya, Shillong.

Notice Inviting Quotation for Supply, Installation and Maintenance of Electro Chlorination System in Meghalaya.

1. The PHE Department, Government of Meghalaya, invites “Quotation” for Supply, Installation and maintenance of Electro Chlorination system required for its various Water Supply Schemes in the State of Meghalaya, in 2 (Two) Parts Bid from intending Manufacturers having at least 10 years’ experience in Manufacturing of Electro Chlorinator System.
2. Notice Inviting “Quotation” for supply, installation and maintenance including Guidelines , Terms & Conditions may be downloaded from PHED website‘www.megphed.gov.in’. However, Bidding Documents are non-transferable and can be obtained by the interested parties or their authorized representatives on submission of a written application and on payment of non-refundable specifies amount. Issuance of Bidding Documents, however, shall not automatically mean that such party(s) fulfils/meets the qualifying requirements.
3. The scope has been specified in the Bid Document, which are available for sale as per the details given below:

Sale of Bidding documents	22.01.2024 to 09.02.2024 (between 10:00 hrs. to 13:00 hrs. on all working days)
Cost of Bid Document	₹10,000.00
Value of non-refundable Court Fee Stamp	₹ 5,000.00 purchase in Meghalaya
Time of Completion of supply	90 days

4. The Qualifying Requirement (QR) are given in the Bidding Document. The complete bidding documents are available at website of PHED i.e. <http://megphed.gov.in>. Interested parties can download the bidding documents and commence preparation of bids to gain time. However, they will be required to purchase the bidding documents (for submission of the Bid), which will be duly authenticated by the officials issuing the documents. In case of any discrepancy between the documents downloaded by the prospective bidder and the Bid Documents (hard copy) issued by the PHED Officials, the latter shall be prevailed.
5. Bid must be delivered at the Address mentioned at Para 9 below. Bids will be received and opened in presence of ‘Bidders’ representatives who choose to be present, as per following schedule.

Last date and time for submission	12.02.2024 at 13:00 Hrs.
Bid opening date and time	12.02.2024 at 15:00 Hrs.

6. The bid must be accompanied by a bid security of the amount specified below valid for a minimum period of 12 months, in a form of call deposit /fixed Deposit in a separate sealed envelope without which the bid shall be returned to Bidder unopened.

Bid Security

₹ 5.00 lakhs

7. The successful bidder will be required to furnish a Contract Performance Guarantee for five percent (5%) of the total contract price on award of the contract.

8. PHED will not be responsible for misplacement/delay in receipt of either request for issuance of Bidding Documents or Bids sent by post.

9. All correspondence/communication including those pertaining to purchase of Bidding Documents and submission of bids with regards to the above shall be made at the following address.

**The Chief Engineer, PHE.,
PHE Administrative Building,
Lower Lachumiere, Shillong : 793 001
Meghalaya**

10. PHED reserves the right to cancel/withdraw the bid without assigning any reason for such decision. Such decision will not incur any liability whatsoever on the part of PHED consequently.

11. The invitation for bids is open to all eligible bidders.

12. Initial Evaluation will be based on meeting all the minimum pass/fail criteria mentioned in this section regarding the Bidder's general and particular experience, capabilities, and financial position. The Employer reserves the right to waive minor deviations if they do not materially affect the capability of the bidder to perform the contract.

13. Evaluation of the Bidder's Technical Proposal :

(i) It is expected that the technical part of the offer shall contain Bidder's understanding about the Bid requirement/objective stipulated in Bid form and Bidder's method to fulfil the system objective.

(ii) Once the Bid is opened, no objection from any Bidder shall be entertained about the mistake and / or omission in the specification / Manufacturers Eligibility Criteria. It will be deemed that the offer, if accepted, will fulfil the system objective without any problem, even if there is genuine mistake in the specification.

(iii) Offer should also contain the necessary information as per Bid Document, without which the offer will be considered as incomplete and shall be rejected.

14. Applicant Eligibility, Bids & Proposal Evaluation

A. Eligibility Criteria

- I. Manufacturing Companies/ Brand Owner Companies or any legal entity having 10 years of Age as on (Nov 2023) and above i.e. Date of registration must be on or before (Nov 2013).
**Please provide details as per: certificate of incorporation / registration under relevant Act, PAN card, TAN No., Solvency Certificate/ Credit facility certificate from Bank.*
- II. Manufacturing Companies/ Brand Owner Companies should have satisfactorily complete similar nature of work of value:
 - If single agreement, not less than INR 40 Lakhs.
 - If two agreements or more, not less than INR 90 Lakhs
- III. The firm should have a minimum annual turnover* of Rs.5 Crore in each financial year from 2020 to 2023.
**Please provide. 3 (Three) years Audited Financial Statements: FY 20-21, FY-21-22 and FY 22-23.*
- IV. The Manufacturing Companies/Brand Owner Companies must have a minimum of 3 years of experience* between FY 20-21 to FY 22-23 in implementation of Electro chlorination in water supply schemes of any State Government / central government organizations / PSU in India.
- V. Proposal application with Joint Venture/consortiums will not be allowed.
- VI. The Manufacturing Companies/Brand Owner Companies must have Valid ISO certification (ISO 9001:2015) & (ISO 14001:2015) from competent authority of Govt, of India.
- VII. A declaration in the form of Affidavit on a non-judicial stamp paper of ₹10.00 duly affirmed before a Notary Public/1st Class Magistrate should be stating clearly that on the date of submission of the tender, the applicant is not debarred/delisted/disallowed/ blacklisted for supply & installation of Electro chlorinator to any Govt. Deptt. /Govt. Undertaking / Statutory Body / Municipality/ Municipal corporation in India. If any such incident is otherwise discovered, the applicants Order shall be cancelled summarily without assigning any reason whatsoever.
- VIII. The Manufacturer must be a manufacturer of **Electro chlorinator System** duly inspected and tested and having BIS certification mark. For minimum last 3 years.

B. Bid Price

- I. The contract shall be for the whole works as described in technical specifications. Corrections, if any, can be carried out by editing the information before submission and should put the initial on the body of the bid.
- II. All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price.

- III. The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- IV. The Bidder shall fill on BOQ, the prices for the Works in conformity with the Bidding Documents, both in figures and words.

***NB :** In the event of Non-Production of valid documents by the Bidders, as mentioned above, the Technical Bid of the Bidders will be summarily rejected and their offer shall not be entertained without assigning any reasons thereof..*

15. Statutory Documents: Manufacturers should produce certificate, PAN No., GSTN/GST Tax Certificate, Valid Professional Tax Challan, Income Tax return acknowledgement Certificate of last two years, running factory license etc.

16. Only One Bid Per Bidder. Submission or participation by a Bidder in more than one Bid for a contract will result in the disqualification of all those bids for that contract in which the party is involved.

17. Category of Panels & validity: PHE Department, Government of Meghalaya plans to form panels of Manufacturers for Supply & installation of Electro Chlorinator for a period of 2 (two) year that may be extended in future at the discretion of PHE Department, Government of Meghalaya.

18. Tender & Order for supply: As and when material requirement would arise, PHED may invite offer/bid/quotation for Supply & installation of Electro Chlorinator from the empaneled Manufacturers. However, PHED in no way shall be bound to place any order to any or all of the empanelled firms.

Terms of reference, payment terms, time schedule and, other relevant terms and conditions will be defined for Supply & installation of Electro Chlorinator while awarding the supply Order. PHED's decision in the matter of award of Supply Order shall be final.

19. Required particulars & Documents: The following particulars, duly filled up and signed along with supporting documents shall have to be submitted by the Applicant, failing which the "Quotation" shall be treated as incomplete and non-responsive

Sl. No.	Details	Remarks
1	Letter as per enclosed Annexure-I.	
2	Name of the Manufacturer	
3	Power of Attorney of the Company/Applicant, authorizing the signatory of the EOI to commit on behalf of the Company/Applicant:	
4	Name of the item: Electro Chlorination system (with up to date amendment) duly inspected and tested and having BIS certification mark.	
5	Brand of the items	
6	Registered Office Address	
6.1	Telephone landline	
6.2	Mobile / Fax No	
6.3	Web address	
6.4	Email Address	
7	Factory address	
7.1	Telephone landline	
7.2	Mobile / Fax No	
8	Category of Unit (MSME or Large Enterprise)	
8.1	For Micro/Small Scale Industrial unit, the registration certificate issued by competent authority with registration No., date of issue, validity of registration Enclose details.	
8.2	In case of Medium/Large Scale Industry : Factory license allotted by the competent authority with registration No. & Date of issue, validity of registration Enclose details.	
9	Year of Establishment of factory	
9.1	Commencement of Manufacturing/Production date	
9.2	Date of formation of the Firm/Company as per the certificate issued from the Registrar of the Firm/Company Enclose details.	
10	Nature of company (Sole Proprietorship, Partnership, Private limited or otherwise)	
11	GST Registration (Enclose details)	
12	Income Tax PAN (Enclose details) & Latest Income Tax Clearance Certificate.	
14	For clarifications, person(s) to be contacted, Name / Designation / Phone number	
15	Annual turnover of the last 5 financial years (2020-21, 2021-22, and 2022 - 23)	
16	Annual turnover/sales of only Electro Chlorination System of the last 3 financial years (2020-21, 2021-22 and 2022 -23).	
17	Credentials or proof of supply of item for Government/Semi-Government/PSUs works (Enclose details).	
18	Whether blacklisted by any of the Government Institution(s) / Semi Government / PSU in India (Self Declaration).	
19	ISO Certification, validity date (Enclose Details).	
20	Past performance details (Name of the Department, Year of supply, Quantity supplied (in Nos.).	
20.1	Central Government (if any) (Enclose details)	
20.2	State Government (if any) (Enclose details)	
21	Any further information that the Company/ Applicant considers to be relevant to this EOI, if he wishes to attach:	
22	All pages of the submittals shall be signed and sealed by a person or persons, duly authorized to sign on behalf of the Applicant.	
23	Applications found containing incorrect/ disputed information/ declarations shall be liable for rejection at any stage of the processing for empanelment.	
24	No conditional offer will be accepted and size-wise offer will not be entertained	

20. All costs and expenses associated with submission of quotation shall have to be borne by the Applicants and PHED shall have no liability in any manner in this regard.

21. The Manufacturer shall express their interest to Supply & install Electro Chlorinator system to all the 12 Districts across the State with the following Common Condition of Electro chlorination System.

- 1) Electro Chlorination System capable of generating chlorine from common salt by electrolysis using electrodes in form of sodium hypo chlorite solution containing 6-8 Gms/Ltr. of available chlorine in batch in continuous process and capable of providing 8 hrs storage of hypochlorite in case of power failure. The electro chlorinator shall comprise of following.
- 2) Electrolytic cell consisting dimensionally stable electrodes made from Gr I Titanium sheet with multi metal oxide coating. Electrolyser tank made from PVC-FRP or Acrylic.
- 3) Power pack consisting of transformer rectifier for generating suitable DC current from AC supply along with the control switch for dosing pumps etc. through MCB's contacts, relays and wiring.
- 4) Control Panel for the electro chlorinator consisting of DC voltage and current display incoming phase status unit on-off switches fuses etc.
- 5) Dosing tank of suitable capacity made from PVC/FRP.
- 6) Dosing pump of specials quality (1W + 1S) suitable to handle hypo chlorite solution.
- 7) Entire chlorine solution pipeline shall be of PVC
- 8) Chlorine test kit suitable to measure residual chlorine up to 5 ppm.
- 9) Electro Chlorination system running with solar power shall consist of the following
 - Solar Panels, Charger Controller of reputed Make and Battery with back up of 3 days.
 - The electronic timer shall be capable of memory in case of power break down.
 - The Panel MOC shall be corrosion resistive, non-metallic and wall mounted type.
 - Battery shall be VRLA type of reputed brand having at least life of 3000 charging cycles
 - Solar panels shall be controlled by : PWM (Pulse Width Modulation) or MPPT (Maximum power point tracking).
- 10) The manufacturer shall impart adequate training to the PHE Field staff/operator to ensure proper installation and commissioning of the “**Electro Chlorination system**” by deputing personnel if necessary.
- 11) Capacity of the “**Electro Chlorination system**” -

1	5gms/lts	Each
1.	25 gms/hr	Each
2.	50 gms/hr	Each

- 12) Electro Chlorination system shall comply all specification of the EOI document for Water supply Pipe line works.

The Rates are FOR PHE treatment plant inclusive of packing forwarding charges, loading unloading and stacking all complete, excluding GST and 0.40% Inspection Charges by Third Party Inspecting Agency.

The Quotation shall be submitted in a sealed envelope marked “**Quotation for Supply, Installation and Maintenance of Electro Chlorinator against Letter No. CE/PHE/JJM/SPMU/WQ-55/2023-2024/17 Dated 19.01.2024**” and to be addressed to the Office of the Chief Engineer, Meghalaya Shillong, so as to reach the address mentioned at Sl 9 on or before **12.02.2024** prior to **15.00 Hours**. EOI received after the above specified date and time, either by hand or post, shall not be entertained.

If the envelope is not sealed and marked as above, PHED will assume no responsibility for any misplacement of submittals of the quotation.

22. PHED reserves the right to reject any or all quotation at any stage of the empanelment process, or to annul the process or part of the process and/ or to modify the process or any part thereof at any time, on any justified and genuine grounds, without thereby incurring any liability to the affected Applicants, nor does it have any obligation to inform the Applicants of the ground for the action of PHED.

23. Inspection & Testing.

- (i). Manufacturer's test certificate shall have to be produced at the time of supply of all equipment. Equipment should be tested at the manufacturer's works as per relevant IS Code before dispatch.
- (ii). Inspection will be carried out by the Empanelled Third Party Inspection Agency.
- (iii). Supplier should Submit Third Party Inspection Certificate at the time of delivery of the materials at the respective specified location.
- (iv). TPI report should cover (i) all the parameters as per relevant IS specifications.
- (v). The sampling size will be guided as per relevant IS code.

24. Maintenance (5 years)

- (i) On completion of installation & commissioning, the Maintenance period starts - for a period of 5 years should be the post Defect Liability Period (DLP) for all piped water supply system.
- (ii) It would include supply of parts, maintenance of electro chlorinator etc. The maintenance payment will be made centrally by SWSM.
- (iii) The empaneled agency shall bear all expenses towards Maintenance during the contract period.

**Annexure-I
Covering Letter**

(On the letter head of the Applicant, with full postal address, telephone no., fax no. & e-mail address)

To,

**The Chief Engineer, PHE.,
PHE Administrative Building
Lower Lachummiere,
Shillong 793 001,
Meghalaya..**

Madam/Sir,

1. This has a reference to your Empanelment notice, which appeared in the (Newspaper) dated inviting "Quotation" for supply, installation & maintenance in the following Category:
 - a. Name of the Category / categories as given in the Guidelines for submitting "Quotation"
2. I have fully studied and understood the clauses mentioned in the detail notice and the guidelines for empanelment and all informations/details provided therein.
3. Annexed to this application are the certified copies of documents conveying and confirming the signatories' legal status.
4. All information / particulars as mentioned in the detail notice inviting "Quotation" have been submitted herewith.
5. PHED and its authorized representatives are hereby authorized to conduct or to make any enquiry or investigations to verify the statements /information submitted with this application.

The undersigned hereby declares that the statement made and the information provided in this application is complete, true and correct in all respects.

I accept and confirm.

Authorize Signature

{In full and initials}

Name and Designation of Signatory

Name of Organization

Address

Contact information (phone and e-mail)

Declaration of Non-Blacklisted Organization

(On the Company’s letterhead)

(To be submitted in Technical Bid)

UNDERTAKING/DECLARATION FORM

I/We having My/ our office at . do declare that I/ We have carefully read all the terms & conditions of Quotation for Supply, Installation & Maintenance of Electro chlorinator in piped water supply schemes under department of Public Health Engineering (PHE) of Government of Meghalaya. I/ we will abide with all the terms & conditions set forth in the quotation vide *No.CE/PHE/JJM/SPMU/WQ-55/2023-2024/17 Dated 19-01-2024.*

I/We do hereby declare I/We have not been de-recognized / blacklisted by any State Govt./Union Territory/Govt. of India / Govt. Organization for not providing Standard Quality service /failure to provide service.

I/We agree that the quotation inviting Authority can forfeit the Earnest Money Deposit and or Security Deposit and blacklist me/us for a period of 3 years if any information furnished by us proved to be false at the time of evaluation/verification and not complying with the Quotation terms & conditions.

I/ We do hereby declare that I/we will carry out the order for Supply, Installation, and Management of Electro chlorinator in village piped water supply schemes under department of Public Health Engineering (PHE) of Government of Meghalaya as per the terms & conditions of the above-referred Quotation.

(Authorise Signatory)

Seal and Signed

Name & Address of the firm

Date:

Place:

BOQ for Electro Chlorinator -Batch System (Power Supply: Grid Power Supply)

Sl No	Description of Item	Unit	Rate (₹)	In words
1	Electro Chlorination System capable of generating chlorine from common salt by electrolysis using electrodes in form of sodium hypo chlorite solution containing 6-8 gms/Ltr. of available chlorine in batch in continuous process and capable of providing 8 hrs storage of hypochlorite in case of power failure. The electro chlorinator shall comprise all components (Complete system) mentioned in SI 21 above.			
	Residual Chlorine should be 0.2ppm			
	Capacity in gms/hr (inclusive of GST) (Inclusive of packing, loading & unloading, transportation cost up to the site)			
	5gms/lts	Nos		
	25 gms/hr	Nos		
	50 gms/hr	Nos		
2	Installation & Commissioning			
	Installation & Commissioning of all components (complete system), giving trail run and training to local Staff			
	5gms/lts	Nos		
	25 gms/hr	Nos		
	50 gms/hr	Nos		
3	Maintenance Charge			
	Maintenance charges including on site servicing and warranty support for a period of 5 Years			
	5gms/lts	Job		
	25 gms/hr	Job		
	50 gms/hr	Job		

Authorized Signature -----

Date signed -----

Name & Title of Signatory -----

Name of Bidder -----

BOQ for Electro Chlorinator – Continuous System (Power Supply: Grid Power Supply)				
SI No	Description of Item	Unit	Rate (₹)	In words
1	Electro Chlorination System capable of generating chlorine from common salt by electrolysis using electrodes in form of sodium hypo chlorite solution containing 6-8 gms/Ltr. of available chlorine in batch in continuous process and capable of providing 8 hrs storage of hypochlorite in case of power failure. The electro chlorinator shall comprise all components (Complete system) mentioned in SI 21 above.			
	Residual Chlorine should be 0.2ppm			
	Capacity in gms/hr (inclusive of GST) (Inclusive of packing, loading & unloading, transportation cost up to the site)			
	5gms/lts	Nos		
	25 gms/hr	Nos		
	50 gms/hr	Nos		
2	Installation & Commissioning			
	Installation & Commissioning of all components (complete system), giving trail run and training to local Staff			
	5gms/lts	Job		
	25 gms/hr	Job		
	50 gms/hr	Job		
3	Maintenance Charge			
	Maintenance charges including on site servicing and warranty support for a period of 5 Years			
	5gms/lts	Job		
	25 gms/hr	Job		
	50 gms/hr	Job		

Authorized Signature -----

Date signed -----

Name & Title of Signatory -----

Name of Bidder -----

BOQ for Electro Chlorinator – (Power Supply: Solar Power Supply)

SI No	Description of Item	Unit	Rate (₹)	In words
1	Electro Chlorination System capable of generating chlorine from common salt by electrolysis using electrodes in form of sodium hypo chlorite solution containing 6-8 gms/Ltr. of available chlorine in batch in continuous process and capable of providing 8 hrs storage of hypochlorite in case of power failure. The electro chlorinator shall comprise all components (Complete system) mentioned in SI 21 above.			
	Residual Chlorine should be 0.2ppm			
	Capacity in gms/hr (inclusive of GST) (Inclusive of packing, loading & unloading, transportation cost up to the site)			
	5gms/lts	Nos		
	25 gms/hr	Nos		
	50 gms/hr	Nos		
	Installation & Commissioning			
	Installation & Commissioning of all components (complete system), giving trail run and training to local Staff			
	5gms/lts	Job		
	25 gms/hr	Job		
	50 gms/hr	Job		
3	Maintenance Charge			
	Maintenance charges including on site servicing and warranty support for a period of 5 Years			
	5gms/lts	Job		
	25 gms/hr	Job		
	50 gms/hr	Job		

Authorized Signature

Date signed

Name & Title of Signatory

Name of Bidder