

“COURIER”

Project Engineering  
Management

**Bharat Heavy Electricals Limited**  
(A Govt. Of India Undertaking)



Enquiry no. : PE-LPE/172 dtd. 25/06/2014

**Due Date : 09/07/2014 by 2:00 PM**

**Intimation of Open Tender Enquiry**

**Subject : Comprehensive AMC of RO water plants (qty.-4) and additional spun filters installed before each RO water plants of PPEI building.**

Dear Madam/ Sir,

Quotations are Invited in two parts in sealed cover with Enquiry no., Enquiry date, Quotation due date & Time, Name/ Address of the Organisation whom submitting the offer legibly super- scribed on it, for the above- mentioned item so as to reach the undersigned before 2:00 P.M. on or before the above mentioned due date. Interested bidders may attend the part-1 opening at 3 pm on due date.

**Contract period :** Comprehensive AMC period will be two years start from the date of work order.

**Payment terms :** Payment against monthly bill after completion of month shall generally be made within one month from the date of receipt of the bill. All applicable statutory recoveries, dues etc. will be affected at source. No interest charges shall be paid for the delay in payment. (as per clause no. 2 of Annexure-2)

**Penalty clause :** On complain/ abnormality lodging against RO machines, if the party does not respond within the stipulated time of 3 hour, Rs 200 per hour for delay shall be recovered from the monthly bill or the Security Deposit submitted by the contractor. And also if the repair or maintenance will have been done by BHEL, the expenditure and Rs. 500/- for each repair/maintenance work will be recovered from monthly bill or security deposit submitted by the contractor. (as per clause no. 3 of Annexure-2)

**EMD :** Rs. 10,000.00 as per clause no 19 of enclosed Annexure-1 (Terms & Conditions).

**Security deposit :** 10% of order value without taxes & duties as per clause no 18 of enclosed Annexure-1 (Terms & Conditions).

**Technical specification :** As per attached Annexure-4.

**PQR, General T & C, time of work & scope :** As mentioned in Annexure-2.

**Validity of Rates :** After awarding the work the rates should be firm till the completion of work.

All other terms & conditions shall be as per attached Annexures – 1, 2, 3 & 4.

**Remarks:**

- 1) Evaluation shall be done on total amount of two years (inclusive of all taxes) as given in price format (Annexure-3).
- 2) Tenders and all correspondence thereof, shall be addressed to the undersigned by name & designation and sent at the **following address:**

**Tender Room,**  
**M/s Bharat Heavy Electricals Ltd.,**  
Project Engineering Management,  
Power Project Engineering Institute,  
HRD & ESI Complex,  
Plot No 25, Sector-16 A, Noida-201301 (U.P.)  
Phone no. 0120-4213591

Thanking You,

Yours faithfully,  
For and on behalf of BHEL  
V S Kuntia/ Sr. Engineer/MM  
BHEL PEM, Noida

Please reply to:  
BHEL-PEM -Power Sector  
Power Project Engineering Institute,  
HRD & ESI Complex,  
Plot No 25, Sector-16 A, Noida-201301 (U.P.)  
Phone: 0120-4213562, 4368891  
Fax : 0120-4329055

Regd. Office:  
BHEL House,  
Siri Fort,  
New Delhi-110049

<b>TERMS AND CONDITIONS</b>
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**1. BID SUBMISSION**

Bids shall be submitted latest by 2 PM on or before the due date in two parts as follows:

**PART-1: TECHNO-COMMERCIAL BID (IN DUPLICATE)**

This part shall contain the following:

- a) Technical offer/details
- b) Commercial terms and conditions
- c) Unpriced copy of the price bid with all amounts/figures/ percentages wherever quoted in the price bid being replaced with the word 'Quoted' or 'Q'.

This part shall be submitted in duplicate in two separate Sealed Covers with bidder's distinctive Seal super scribed with correct Enquiry No., Item of supply, due date of opening and 'part-1 : techno-commercial bid'.

Complete tender in all respects duly signed & stamped on each and every page by the authorized signatory of the bidder as a token of acceptance of all the terms and conditions of tender.

**PART -2: PRICE BID**

This part shall contain Prices only and should not contain any technical details and/or Commercial Terms & Conditions. Any technical details and/or Commercial Terms & Conditions, if found in this part shall be ignored as the same are supposed to be contained in PART-I only as indicated above.

This part shall be submitted in a separate Sealed Cover with bidder's distinctive Seal super scribed with correct Enquiry No., Item of supply, due date of opening and 'part -2: price bid'.

**2. BID OPENING**

PART- I (Techno-Commercial Bids) will be opened at 3 PM on the due date in the presence of bidders who may like to be present. Date and time of opening of Part - II (Price Bids) shall be communicated separately.

**GENERAL**

3. Prices shall be net F.O.R. destination ~~inclusive of freight, handling and packing charges, transit insurance etc.~~ and remain valid for 3 months from the due date.
4. Taxes and duties payable should be indicated separately, otherwise it will be presumed that the goods quoted are inclusive of all taxes, duty, octroi etc., if any and BHEL in such cases shall not pay any tax, duty, octroi etc.
5. No revision of prices shall be entertained after bids have been opened.
6. Prices shall remain firm without any variation till completion of contract.
7. ~~Manufacturer's name, trade Mark or Patent No., if any, should be specified.~~
8. Illustrative leaflets giving technical details of items offered should be enclosed, wherever necessary.

- 9 BHEL shall be under no obligation to accept the lowest or any other bid and shall have the right to accept or reject any bid in part or in full without assigning any reason whatsoever.
10. Late tenders will be rejected.
11. ~~BHEL reserves the right to split the order for individual item(s) with different bidders and also increase/decrease the quantities.~~
12. ~~Product with I.S.I certification marks will be preferred.~~
13. **PACKING AND MARKING** : Vendor shall arrange for sound packing and marking the goods to avoid any loss or damage during transit.
14. **PAYMENT** : As mentioned in the tender documents. (Enquiry & Annexure-2)
15. **SUBMISSION OF INVOICE** : All Invoices along with specified documents shall be submitted in triplicate, in Tender room of BHEL/PEM, BHEL, PPEI, NOIDA-201301.
16. **LIQUIDATED DAMAGES** : - As mentioned in the tender document under penalty clause.
17. **PRICE DISCREPENCY** :
  - (a) If, in the price structure quoted for the required goods/services/works, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price the quantity), the unit price shall prevail and the total price corrected accordingly, unless in the opinion of the purchaser there is an obvious misplacement of the decimal point in the unit price., in which case the total price as quoted shall govern and the unit price corrected accordingly.
  - (b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
  - (c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in the words is related to an arithmetic error, in which case the amount in figures shall prevail subject of (a) and (b) above.
  - (d) If there is such discrepancy in an offer, the same shall be conveyed to the bidder with target date up to which the bidder has to send his acceptance on the above lines and if the bidder does not agree to the decision of the purchaser, the bid is liable to be ignored.
  - (e) Taxes and duties if not specified clearly as extra shall be considered as include in the basis price and, therefore, shall not be reimbursed.

**18. SECURITY DEPOSIT :**

1. 10% of order value without taxes & duties (in the form of Bank Guarantee or DD, otherwise amount shall be withheld from supply bill). EMD of the successful bidders shall be kept as security deposit till the completion of Work Order.
2. The Security deposit shall not carry any interest and shall be refundable after successful completion of Work Order
3. SD shall be liable to be forfeited in case of non-fulfilment of contractual liabilities.

19. **EARNEST MONEY DEPOSIT** :

Bidders are required to remit Earnest Money Deposit of Rs. 10,000.00 in the form of DD / Pay Order payable in favour of "M/s BHEL" on any scheduled bank, Noida. **No interest shall be payable by BHEL on EMD amount.** The EMD shall be forfeited in case of:

- a) After opening the tender, the tenderer revokes his tender within the validity period or increases his earlier quoted rates.
- b) The tenderer does not commence the work within the period as per LOI/Contract. In case the LOI/contract is silent in this regard within 15 days after award of contract.

20. **RISK PURCHASE** : Purchaser will have the option to terminate the contract and order from elsewhere at the risk and cost of the Vendor, either the whole or part of the goods which the Vendor has failed to deliver or despatch within the stipulated delivery period or if the same were not available, the best and the nearest available substitute thereof. The Vendor would be liable to compensate the Purchaser for any loss which the Purchaser may sustain by reason of such risk purchase, in addition to Liquidated Damages at the rate mentioned above.

21. **STATUTORY VARIATION** :

- i) If the rates for taxes and duties in respect of the quoted materials and/ or services assumed by the Seller/ Contractor are less than the tariff prevailing at the time of tendering, Seller/ Contractor will be responsible for such under quotations. However, if the rates assumed are higher than the correct rates prevailing at the time of tendering, the difference will be to the credit of the Purchaser.
- ii) Statutory Variations in Service Tax only on self-manufactured items/ services rendered by vendor himself on the rates prevailing at the time of delivery/ completion in comparison to the date of offer, will be to the account of the Purchaser. No other variations such as on customs duty, exchange rate, minimum wages, prices of controlled commodities, any other input etc. shall be payable by the Purchaser.
- iii) Notwithstanding the above, where the actual completion of the supply occurs beyond the period stipulated in the Order/ Contract or any extension thereof, variations referred to above, will be limited to the rates prevailing on the dates of such agreed completion periods only. For variations after the agreed completion periods, the Seller/ Contractor alone shall bear the impact for the upward revisions and for downward revisions; purchaser shall be given the benefit of reduction in taxes/duties. This will be without prejudice to the levy of penalty for delay in delivery/completion schedule.
- iv) Any new tax structure (like Goods & Services Tax) as and when implemented by the Government shall become applicable in addition to or in lieu of existing tax structure.

**NOTE** :

It is presumed that the bidder has accepted all the instructions, Terms and conditions and Technical Specifications covered in this Tender Enquiry, unless the deviations are specifically indicated in the bid on a separate sheet.

**BHEL PEM/ NOIDA****Comprehensive AMC of RO water plants and additional filter before each RO plants at PPEI,  
Building****1. Eligibility Criteria/ Prequalifying requirements (PQR) :-**

- a. Bidder should have similar experience in executing the contract for last two years. Documents to be enclosed. Please give name of PSU/Govt. Offices/ any reputed Pvt Companies where such works executed.
- b. Bidder has to submit PAN details.
- c. Bidder has to provide Sales Tax or Service tax registration certificate as applicable.
- d. Bidder should have office or branch of office located in Delhi NCR (in order to reach promptly whenever the unsatisfactory working of RO machines is reported).
- e. Bidder has to provide valid email id and two phone/mobile numbers.

**2. Payment terms :-**

Payment against monthly bill after completion of month shall generally be made within one month from the date of receipt of the bill. All applicable statutory recoveries, dues etc. will be affected at source. No interest charges shall be paid for the delay in payment.

**3. Penalty Clause :-**

On complain/ abnormality lodging against RO machines, if the party does not respond within the stipulated time of 3 hour, Rs 200 per hour for delay shall be recovered from the monthly bill or the Security Deposit submitted by the contractor. And also if the repair or maintenance will have been done by BHEL, the expenditure and Rs. 500/- for each repair/maintenance work will be recovered from monthly bill or security deposit submitted by the contractor.

**4. General Terms & Condition :-**

- a. Bidder must be ready to start the work from the date of awarding of the work order.
- b. Bidder must be agreeable to all terms and conditions of tender document & work order.
- c. Successful bidder shall take all precautions to ensure that no damage happens to any structure of the building.
- d. Bidder may visit the site and survey the four RO machines before submitting his offer. Any query regarding this tender may be clarified from the mentioned phone number in tender document.
- e. Bidder will have full responsibility of proper up keep, maintenance of the equipment's etc., handed over by the company.
- f. Rate quoted by the bidder should be inclusive of all taxes and should remain firm till the currency of the contract.
- g. The tender shall be strictly in accordance with the tender specifications and no deviations are acceptable. Offer with deviation shall be rejected.
- h. Party must have sufficient numbers of skilled workers.
- i. The opinion / decision of BHEL regarding the bids shall be final and conclusive. BHEL reserve the rights to reject any or all the bids at any time without assigning any reason whatsoever.

(Signature With name, Designation & seal of the firm)

**5. Time of work :-**

The work will be done on working days. The party representative will attend the work on every alternate working days and also on the day of any abnormality reported in RO water/ RO machine, whichever comes first.

**6. Scope of work :-**

- a. The party will provide comprehensive AMC for four nos. of RO water plants and comprehensive AMC for pre- sedimentation spun filters installed before each RO water plants for two years in PPEI building of BHEL PEM. RO water from these four RO machines is being presently used by a total of 500 persons approximately in office hours for drinking purpose only.
- b. The quality of produced water should be of WHO standards. Water quality will be checked twice by BHEL in a year from reputed organizations.
- c. Party will get tested the TDS of produced RO water on weekly basis and will maintain the record counter signed by BHEL authorized person. The TDS measured value must not be more than 200 mg/l (i.e.200 ppm).
- d. BHEL will provide space, electricity, supply of raw water, storage tank & water cooler for its equipment.
- e. Party must be ready to provide the services within three hour after the receipt of complain / order (the abnormality of machines may be reported at any point of time). For this they must have valid e-mail ID and existing phone no./ mobile no. for receiving complaints and abnormality about RO machines.
- f. Party representative/skilled worker (s) must inspect the machine every alternate day and remove the abnormality, if any, in machine or produced RO water.
- g. Party will provide all the necessary consumables/ spares including membrane, all types of filters including additional installed pre sedimentation (spun) filters, carbon filters, HP pump, HPR/ LPR switches, adapter, ' T' union, candle, pipe lines, check valves, housing, electrical cables, flow regulators, storage tank sensors and other spares if any, at their expense. No labour/transportation charges, consumables/ spares for four RO units and four additional installed pre sedimentation filters will be provided/ reimbursed by BHEL.
- h. All types of maintenance will be the responsibility of contractor of the four RO machines.
- i. To maintain the quality of water as per WHO standard, if the contractor installs or advises to install additional equipment, expenditure will be borne by the contractor.
- j. The party must visit and inspect/survey the four RO machines and quality of raw water before submitting the tender and price format which include all the expenditure.

(Signature With name, Designation & seal of the firm)

**BHARAT HEAVY ELECTRICALS LIMITED**  
**(A GOVERNMENT OF INDIA UNDER TAKING)**  
**POWER SECTOR - PROJECT ENGINEERING MANAGEMENT**  
**PPEI, HRDI & ESI COMPLEX, PLOT NO. - 25,**  
**FILM CITY, SECTOR – 16A NOIDA (U.P.) – 201301**  
**Tele No. 0120-4213562/ 4368891, FAX No. 0120-4329055**

## PRICE FORMAT

Name of work: - "Comprehensive AMC of RO Water Plants and Additional spun filters installed before each RO water Plants of PPEI Building" in BHEL, PS-PEM, PPEI, HRDI & ESI COMPLEX, FILM CITY, PLOT NO.25, SECTOR 16A, NOIDA (U.P.) – 201301.

S. N.	Description of work	Unit	Quantity of RO machines	Rates per month inclusive of all taxes for the four machines together	Amount
1	Maintenance of RO water plants including replacement of all consumable items like membrane, pump, adapter/transformer, ' T' union, candle, pipe lines, HPR/LPR switches and other valves, housing, electrical cables, ss frame, flow regulators, all types of filters etc. <b>Including</b> replacement and maintenance of inner cell spun filters for additional pre-sedimentation filter installed one before each RO units. (Material Should be WHO approved brand or manufacturer). These shall include labour and transportation charges.	Nos	4.00		
Total amount of one month (Inclusive of all taxes) Rs.					
Total Amount of two year (Inclusive of all taxes) Rs.					

Amount \_\_\_\_\_ in \_\_\_\_\_ words,  
 Rupees.....only.

\*OVER ALL PRICE SHALL BE CONSIDERD FOR L1 RATE.

(Signature With name, Designation & seal of the firm)

## BHEL PEM/ NOIDA

### Technical Specification for Comprehensive AMC of RO water plants and additional filters before each RO plant at PPEI, Building

- 1 Four RO machines have been installed at PPEI Building (at First & Ground Floor), Sector-16A, Film City, Noida in year 2007. These comprise of pump motors, adapters/transformers, membranes, filters, additional filters, SS frame, pipes, unions and joints, valves, sensors, electrical cables & plugs, HPR and LPR switches, solenoid valves etc covering WHO approved standard. The machines need to be maintained/repared for failed components and made always workable (RO machines will run in to provide the best quality of RO water as WHO standards (IS:10500 specifications).

**2. Bill of Quantities: (total quantity of RO machines – 04)**

Tentative BOQ for items which are required to make the system always functional is mentioned in the table here. Bidder to note that BOQ enclosed is indicative and may vary to some extent. Bidder should visit the site to survey the machines before bid submission. Bidder will have to provide each and every item to make the RO machines working always.

S.No.	Description of Item	Quantity for each RO machines	No of Machines	Total
1.	Membranes with housing	4	4	16
2.	Filters/candles with housing	3	4	12
3.	Flow regulator (FR)	2	4	4
4.	Chemical dosing with housing unit	1	4	4
5.	Additional pre-sedimentation filter with housing	1	4	4
6.	Pump motor	2	4	8
7.	Adapter/ transformer	2	4	8
8.	HPR switch	1	4	4
9.	LPR switch	1	4	4
10	SS frame	1	4	4
11	Pipes, unions and joints, solenoid valves, sockets etc. and other spares and parts as considered necessary by the vendor to run machines satisfactory	lot	4	4 lot
12	Electrical cables and plugs for convenient distance use.	lot	4	4 lot

**2 Approval/standard:**

Components of RO machines shall be of WHO standard and the components shall be shown as a proof to the BHEL authority before changing or replacement while carrying out maintenance activities.

- 3 Quality of RO water:** The vendor will maintain the log book to make entry for TDS measurement on weekly basis or at schedule decided by BHEL PEM authorities from time to time. The TDS of RO water produced by the RO machines will not exceed 200 ppm.

(Signature With name, Designation & seal of the firm)