



OFFICE OF THE COMMISSIONER OF CUSTOMS (IMPORTS)

CUSTOM HOUSE

NO. 60, RAJAJI SALAI

CHENNAI- 600 001

Fax: 044-25220093 Phone: 044-25232867

F. No. S31A/07/2013-CHS

Dated: 03.06.2013

Sub: Notice Inviting Tender – For design, supply, installation and commissioning of Reverse Osmosis (R.O) Plant of reputed brands – Out put water quality as per Indian Specifications for Drinking Water IS:10500 as detailed in Annexure-VII.

(NOTE: The envelope containing the tender as well as subsequent communications should be addressed and delivered to 'The Addl. Commissioner of Customs (P&V), Custom House, No. 60, Rajaji Salai, Chennai- 600 001).

Sealed tenders are invited (under Two Bid System - "TECHNICAL BID" & "PRICE BID") from bonfide manufacturers / authorised dealers for supply of "Reverse Osmosis (R.O) Plant" as per specifications and quantities detailed in the Annexure V attached.

The "Tender Documents" comprising the Compulsory Documents (Annexure I) General Terms and Conditions of Contract (Annexure II) and the Special Terms and Conditions of Contract (Annexure III) which will govern any contract made, the tender Application Form (annexure IV), the Schedule of contract / specifications of items (Annexure-V), Raw Water Characteristics (Annexure-VI) and RO Plant Output Water Quality (Annexure-VII) are enclosed herewith.

The tender document may be obtained from CHS Section, Custom House, No. 60, Rajaji Salai, Custom House, Chennai – 600 001 by the bonafide applicant or his authorised representative at a cost of Rs.500.00 (Rupees Five Hundred Only). The "tender documents" can also be downloaded from the web site www.chennaicustoms.gov.in and www.cbec.gov.in and in such case the same may be signed and submitted as per the procedures mentioned hereinafter along with the fee(s) for the "tender documents" @ Rs 500.00 (Rupees Five Hundred Only) (To be submitted along with the Technical Bid. It should not be enclosed in the envelope containing the Price Bid). All the payment may be made by Demand Draft drawn in favour of the Commissioner of Customs, Chennai.

Tenderers are requested that, before quoting their rates or sending tender, the tender forms may please be read out thoroughly so as to have a clear knowledge of the requirement contained therein, otherwise purchaser will not be held responsible for any error / oversight of his own and the penalties shall be levied for not complying with the requirements stated herein or supply of the required item/services.

The Tender forms containing the compulsory documents (Annexure – I), the Terms and Conditions (Annexure – II), the Special Terms and Conditions of Contract (Annexure III), the Tender Application Form (Annexure IV), the Schedule of contract / specifications of items (Annexure-V), Raw Water Characteristics (Annexure-VI) and RO Plant Output Water Quality (Annexure-VII) should be returned in original along with the technical bid document, intact, after filling up the same and duly signing in full with stamp, on each page, failing which the tender shall be liable for rejection.

In the event of the space on the Schedule of contract / specifications of items/proforma being insufficient for the required purpose, additional pages may be added. Each such additional page must be numbered consecutively and be duly signed and stamped by the tenderer. In such cases, reference to the additional pages must be made in the Tender Form. If any modification of the schedule is considered necessary, this should be communicated by means of a separate letter sent along with the Tender.

PARTICULARS

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| Cost of each Tender Document | Rs. 500.00 (Rupees Five Hundred Only) |
| Period for supply of Blank Tender Forms and related documents at the Custom House on all Working Days (Except Saturdays, Sundays and Holidays) | 06.06.2013 to 15.06.2013 from 10.00 am to 5.00 pm |
| Last Date & Time of submission of completed Tender Document in the Tender Box kept in the Office | 24.06.2013 up to 5.00 pm |
| Date & Time of Opening of Technical Bid | 27.06.2013 at 3.00 pm |
| Bid Security / Earnest Money to be deposited | Rs.10,000/- |
| Performance security / Security Deposit Money to be deposited | 10 % of the Bill Value of each of individual equipment & instrument to be purchased from the tenderer after selection. |

The Department does not pledge to accept the lowest or any tender and reserves the right of accepting or rejecting the whole or any part of the tender without assigning any reason thereof. Canvassing in any form by the tenderer or his representative with any of the officials of Customs shall render the tender liable to be rejected.

THE TENDERER ARE REQUESTED TO FOLLOW THE CHECK LIST AT THE TIME OF SUBMISSION OF TENDER DOCUMENTS WITHOUT WHICH THE OFFER IS LIABLE TO BE CANCELLED:

| CHECK LIST: | | |
|-------------|--|------------------------|
| 1 | TENDER DOCUMENT FEE BY DEMAND DRAFT ONLY | Submitted , [Yes /No] |
| 2 | EARNEST MONEY DEPOSIT BY DEMAND DRAFT ONLY | Submitted , [Yes /No] |
| 3 | VALID TRADE LICENCE CERTIFICATE | Submitted [Yes /No] |
| 4 | MANDATORY AMC FOR FIVE YEARS CERTIFICATE | Submitted [Yes /No] |
| 5 | VAT / CST CERTIFICATE | Submitted [Yes /No] |
| 6 | WARRANTY CERTIFICATE | Submitted [Yes /No] |
| 7 | ORIGINAL TENDER DOCUMENT SIGNING ALL THE PAGES | Submitted [Yes /No] |

Enclosures:

1. Annexure – I (Compulsory Documents).
2. Annexure – II (General Tender Terms & Conditions).
3. Annexure – III (Special Tender Terms & Conditions).
4. Annexure - IV (Tender Application Form))
5. Annexure –V (Schedule / specifications of items/equipment).
6. Annexure-VI (Raw Water Characteristics)
7. Annexure-VII (RO Plant Output Water Quality)

L. Steephen
03/6/13

(L. STEEPHEN)
DEPUTY COMMISSIONER (PREV. GEN.)

To
The Deputy Commissioner of Customs
(Preventive General)
Custom House,
Chennai- 600 001

COMPULSORY DOCUMENTS:

[Without which the offer is liable to be cancelled)

1. Tender Document Fee: Rs. _____ DD No. _____ dated _____

2. EMD Value: Rs. _____ DD No. _____ Dated _____

3. Valid Trade Licence Certificate: Valid upto _____

4. Warranty Certificate: At least for one year, submitted [Yes /No]

5. VAT / CST certificate: Submitted [Yes /No]

6. Mandatory AMC for five years Certificate along with rates for different years:

Submitted, [Yes /No]

7. Mandatory spare parts availability for five years Certificate: Submitted, [Yes/No.]

8. Original tender document signing all the pages: Submitted, [Yes/No.]

9. Name & Address of Service Centre In CHENNAI: Submitted, [Yes/No.]

Date:-

Place:-

Signature of the tenderer:-

Full Name:-

Designation:-

(Office seal of the tenderer)

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| GENERAL TERMS AND CONDITIONS FOR TENDER / BID |
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1. PREPARATION OF TENDER:

- a. The original Tender form containing the Terms and Conditions (General and Special) and the Schedule should be returned in original after filling up the form and duly signing in full on each page with stamp, whether any item is quoted or not, failing which the tender is liable to be rejected.
- b. If any item in the schedule is not being tendered for, the corresponding space against the item should be defaced by writing 'not quoting'.
- c. In the event of the space on the schedule form being insufficient for the required purpose, additional pages may be added. Each such additional page must be numbered consecutively, bear the Tender Number and be duly signed and stamped. In such cases, reference to the additional pages must be made in the Tender Form.
- d. The Tenderer shall, wherever call upon to do so, give full information with reference to the services in hand and shall also permit the officers of Customs to inspect the premises of the tenderer at all reasonable times and shall give full assistance and information as may be required by him in connection with the contract.

2. SIGNING OF TENDER:

- a) The tender is liable to be rejected if complete information is not given therein or if the particulars and date (if any) asked for in the tender are not duly & fully filled in. Particular attention may be given to the dates of delivery, places of delivery and also to the particulars referred to in the conditions of contract so as to comply with them.
- b) Individuals signing tender or other documents connected with the contract must specify:
 - i) Whether signing as a 'Sole Proprietor' of the firm or his Attorney?
 - ii) Whether signing as a 'Registered Active Partner' of the firm or his Attorney?
 - iii) Whether signing for the firm 'Per Procreation'?

In the case of companies and firms registered under the Indian Partnership Act, the capacity in which signing e.g. Secretary, Manager, and Partner etc. or their attorney and produce copy of documents, empowering him to do so, if called upon to do so.

NOTE: In case of unregistered firms, all the members or all Attorneys duly authorised by all of them or the Manager of the firm should sign the tender and subsequent documents.

1. PROCEDURE FOR SUBMISSION OF TENDERS / BIDS:

I. The tender should be submitted in 'TWO BID' SYSTEM:-

i. TECHNICAL BIDS

- a. TECHNICAL BIDS in one separate envelope, sealed, super scribed with the wordings "TECHNICAL BID".
- b. The original copy of tender (Annexure - I to annexure -VII), duly completed and signed on each page, should be submitted/returned back, enclosed along with the "TECHNICAL BID".
- c. The "Technical Bid" shall contain Earnest Money, the Cost of the Tender Document (if downloaded from the web), both in the form of demand drafts as prescribed hereinbefore, and all the technical details & documents along with commercial terms and conditions in support of the quoted equipment.
- d. The Earnest Money Deposit (EMD) should be submitted in separate envelope super scribed with the wordings "EMD".
- e. Prices / Costs of the items should not be indicated anywhere in the Technical Bid. This should be followed meticulously failing which the tender is liable to be cancelled.

ii. PRICE (FINANCE) BID

- a. PRICE (FINANCE) BID for each ITEM is to be submitted in SEPARATE sealed envelope, super scribed with the wordings "PRICE (FINANCIAL) BID" This should be followed meticulously failing which the tender is liable to be cancelled.
- b. The 'Price/Financial Bid' will contain item-wise price / cost for the items mentioned / quoted in the technical bid.

II. Both the Technical Bid envelope and the Price (Financial) Bid envelope, prepared as above, are to be kept in a larger single envelope super-scribed with "TENDER (TWO BID SYSTEM) FOR SUPPLY OF "Reverse Osmosis (R.O) Plant" so as to give a double cover protection.

- III. The outer cover should also be sealed and addressed to the Deputy Commissioner of Customs (PG), Custom House, No. 60, Rajaji Salai, Chennai- 600 001.
- IV. Tenders submitted without following the 'Two Bid' System procedure will be rejected.

2. LATEST HOUR FOR RECEIPT OF THE TENDER:

The tender must reach this office not later than the date and time notified in the Tender Notice stated in the TENDER DOCUMENT. Any tender received after that shall be rejected. In the event of the stipulated date of opening of the tender being declared a closed holiday for Govt. offices, the date of opening of the tender(s) will be the next working day. Tender sent by hand delivery, should be delivered at this office not later than the due date and time stipulated in the schedule of tender.

3. THIS TENDER DOCUMENT IS NON-TRANSFERABLE

4. PERIOD FOR WHICH THE OFFER WILL REMAIN OPEN AND PERIOD OF VALIDITY:

- i) All tenders should remain open for acceptance for a period of twelve months from the date of opening of the tender.
- ii) The contract / tender, if awarded, shall be valid initially for one year from the date of award of Contract subject to continuous satisfactory performance and on failure on this aspect by the contractor, the Competent Authority will reserve the right to terminate the contract. The period of the contract can be extended for further period at the discretion of the Competent Authority, to a maximum of one year, on terms and conditions of this office, while accepting the tender.
- iii) Quotations qualified by such vague and indefinite expressions such as 'subject to immediate acceptance'; 'subject to prior sale' etc. will not be considered.

5. OPENING OF TENDER:

- I. The Technical bids will be opened on the specified date and time in the presence of bidders/representatives who choose to attend on the date and time as mentioned.
- II. The bidders/ representatives who are present in the opening shall sign evidencing their attendance.
- III. The Price/Financial bids of the bidders whose technical bids are found technically suitable (after the selection of samples / demonstration of equipment / Item, if any) only will be opened later. The decision of the department on technical suitability shall be final and shall not be opened for discussion.

6. PRICES:

- i) Prices are to be quoted in Indian Rupees.
- ii) Prices quoted in the Price/Financial Bid must be meaningful and measurable in the context.
- iii) The prices quoted must be per unit shown in the schedule inclusive of all packaging, installation and delivery charges wherever applicable. Refunds on account of returnable package (if any) are to be separately specified. Price & Fund must be clearly shown in figures and words.
- iv) Tenderers should clearly specify whether prices quoted are inclusive of Sales Tax/ VAT / duties / statutory charges or such charges as extra. Where no specific mention is made to Sales tax / VAT/ or other duties, prices quoted shall be deemed to be inclusive of such taxes / charges.
- v) **Price for all pipes and plumbing work for distribution of treated water should be shown separately.**

7. BID SECURITY / EARNEST MONEY:

The tenderer shall have to deposit an earnest money equivalent to the amount, Rs. 10,000/- with their Technical Bid at the time of application, failing which the tender shall be rejected. While quoting for more than one item, the earnest money mentioned against each quoted item are to be taken into consideration and added up while submitting the earnest money / bid security and shall be paid in single demand draft. The earnest money is to be paid by Demand Draft drawn in favour of the Commissioner of Customs, Chennai. In the event of the withdrawal / revocation of tenders before the date specified for acceptance, the earnest money shall stand forfeited. In the event of acceptance of the tender the earnest money may be adjusted, on written request, towards the amount of security required to be deposited by the contractor in terms of Clause mentioned herein. The earnest money will however, be returned without interest to the tenderer whose tender is not accepted after the finalisation of the tender.

8. SECURITY DEPOSIT / PERFORMANCE SECURITY:

On acceptance of the tender, within the period specified by the Commissioner of Customs, Chennai, the successful tenderer / contractor shall deposit a sum equivalent to 10 % (Ten Percentages) of the Bill Value, rounded off to the nearest Rupee, as security deposit, for due compliance & fulfilment of the terms and conditions of the contract. This has to be in the form of a bank draft, drawn in any of the nationalised bank, in favour of the Commissioner of Customs, Chennai On due performance and successful completion of the contract in all respect including warranty period, the security money deposit shall be returned to the contractor without any interest on presentation of an absolute 'No Demand Certificate' in the prescribed form and upon return in good condition of any specifications, samples or other property belonging to the purchaser, which may have been issued to the contractor. If the contractor fails in fulfilling the terms and conditions mentioned here in different parts of this tender document, such failure will constitute a breach of the contract and the Commissioner of Customs, Chennai shall be entitled to make other arrangements at the risk and expense of the contractor. Also, non-performance/unsatisfactory performance or violation of terms and conditions of the contract will make the contractor liable for forfeiture of security deposit. The decision of the Commissioner of Customs, Chennai shall be final and binding on this count.

DELIVERY TERMS:

- a. Time and date of delivery: The essence of contract: - The time for and the date of delivery of the items / date of execution of work as stipulated in the schedule shall be deemed to be the essence of contract and delivery / execution must be completed not later than the date(s) specified. The delivery of the items / execution of work / providing the services etc. are required within a period as specified in the purchase order and as the place mentioned therein. Normally maximum 6 weeks time is allowed from the date of issue of the purchase order for execution of the supply of the equipment / article. However, the time allowed for execution of order shall be governed by the stipulated time mentioned on the purchase order of Delivery of equipment / Items.
- b. The tenderer shall deliver the items/ execute the work at the destination / space defined to the consignee / authority in good order (of which the Commissioner of Customs, Chennai shall be the sole judge) within the limits of the time as deemed reasonable and specify in such quantities/qualities as may be ordered by him from time to time.
- c. When a purchase order is placed to the successful tenderer, he shall have to acknowledge the receipt of the said order within 10 (ten) days of the issue.
- d. In case this office does not receive supply of the above item(s), by due or extended date of delivery, the above stated order will stand CANCELLED, unless extension is sought for and granted by the competent authority for the late supply. In such cases, purchase of the above items will be made at the tenderer's RISK & COST without his consent and correspondence in these regards. The competent authority reserves the right to recover the difference of excess expenditure so incurred from the tenderer's incoming bills or otherwise in addition to forfeiting the earnest money deposited by the tenderer.
- e. But if the delay shall have arisen from any cause, such as strikes, lockouts, fire accidents, riots, etc., which, the Commissioner of Customs, Chennai may admit it as reasonable ground for further time, and the Commissioner of Customs, Chennai may allow such additional time required by circumstances of the case.

10.

PAYMENT TERMS:

- 1) 100% Payment will be made only after supply, inspection, complete installation and satisfactory demonstration of performance of the item / equipment / instrument (including supply of all accessories) subject to deposition of a sum equivalent to 10 % (Ten Percentages) of the Bill Value as mentioned under Security Deposit / Performance Security Clause mentioned above or submission of Performance Bank Guarantee for 10% value of the order valid for the warranty period from any Scheduled Bank or. Otherwise 90% payment will be released after installation & balance 10% payment will be released after warranty period or against bank guarantee for the warranty period. No advance payment before effecting supply as above either part or full of any kind shall be made under any circumstances.
- 2) Payment shall be made through cheque or Electronic Clearing System. Normally, payment is made within six weeks after satisfactory inspection, installation and performance of the item / equipment / instrument subject to submission of appropriate and correct invoice, Challans and other documents as deemed fit.
- 3) In case of cheque, the same may be dispatched through Speed Post.

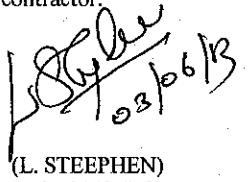
11.

OTHER TERMS:

- a) Responsibility for executing Contract: The contractor is to be entirely responsible for the execution of the contract in all respects in accordance with the terms and conditions as specified in the acceptance of tender.
- b) The contractor shall not sublet transfer or assign the contract to any part thereof without the written permission of the Commissioner of Customs, Chennai. In the event of the contractor contravening this condition, the Commissioner of Customs is entitled to place the contract elsewhere on the contractor's account at his risk and the contractor shall be liable for any loss or damage, which the department may sustain in consequence or arising out of such replacing of the contract.
- c) Recovery of sums due: Whenever any claim for the payment of a sum of money arises out of or under this contract against the contractor the department shall be entitled to recover of such sum by appropriating, in part or whole the security/earnest money deposited by the contractor, when the balance or the total sum to be recoverable, as the case may be shall be deducted from any sum then due or which at any time thereafter may become due to recoverable under this or any other contract with the department. Should this sum not be sufficient to cover the full amount recoverable, the contractor shall pay to the purchaser on demand the remaining balance due.
- d) Insolvency and breach of contract: The Commissioner of Customs, Chennai may at any time by notice in writing summarily terminate the contract without compensation to the contractor in any of the following events, that is to say:-
 - i) If the contractor being an individual or if firm, any partner in the contractor's firm, shall at any time be adjudged insolvent or shall have a receiving order or orders for administration of his estate made against him or shall take any proceedings for liquidation or composition under any insolvency not for the time being in force or shall make any assignment or arrangement of his efforts or enter into any arrangements or composition with his creditors or suspend payment of if the firm be dissolved under partnership act, or
 - ii) If the contractor being a company shall pass a resolution or the court shall make an order for the liquidation of the affairs or a receiver on behalf of the debenture holder shall be appointed or circumstances shall have arisen which entitled the court or debenture holders to appoint a receiver.
 - iii) If the contract commits any breach of this contract not herein specifically proved for: Provided always that such determination shall not prejudice any right of action or remedy which shall have accrued or shall accrue thereafter to the purchaser and provided also that the contractor shall be liable to pay the purchaser for any extra expenditure, he is thereby put to but shall not be entitled to any gain on repurchased.
- e) Arbitration: In the event of any question, dispute or difference arising under these conditions or any special conditions of the contract, or in connection with this contract, except as to any matter the decision of which is specially provided for by these on the special conditions, the same shall be referred to the sole arbitration as appointed by the Commissioner of Customs, Chennai. It will be no objection that the arbitrator is a Govt. servant, that he had to deal with the matter to which the contract relates for that in the course of his duties as a Govt. servant he had expressed views on all or any of the arbitration dispute or difference. The award of the arbitrator shall be final and binding on the parties to the contract. Subject as aforesaid the Arbitration Act, 1940 and the rules there under and any statutory modifications thereof for the time being in force shall be deemed to apply to the arbitrator proceedings under this clause. Work under the contractor shall if reasonable

possible continue during the arbitration proceeding and no payment due to payable by the purchaser shall be withheld on account of proceedings: - The venue of arbitration shall be at Chennai.

- f) Document: The tenderer should have a valid Trade licence, PAN / TAN / other statutory document as applicable and produce attested copies of such certificates along with the tender papers in Technical Bid, failing which the tender is liable to be rejected.
- g) Right to accept / reject: The Department reserves the right to reject any or all tender without assigning any reason whatsoever. Also, the Department reserves the right to award any or part or full contract to any successful agency at its discretion and this will be binding on the tenderer.
- h) The quantity shown in the tender can be increased or decreased to any extent depending upon the actual requirement.
- i) Assistance to contractor: The contractor shall not be entitled to assistance either, in the procurement of raw materials required for the fulfilment of the contract or in the securing of transport facilities.
- j) In case of failure to comply with the provisions of the terms and conditions mentioned, by the agency that has been awarded the contract, the Department reserves the right to award the contract to the next higher tenderer or outside agency and the difference of price will be recovered from the defaulter agency who has been awarded the initial contract and this will be binding on the tenderer.
- k) the Department does not pledge to accept the lowest or any tender and reserve the right of accepting the whole or any part of the tender or portion of the quantity offered and tenderer shall supply the same / execute the work at the rate quoted.
- l) Failure and Termination: If the contractor fails to deliver the items or instalments thereof within the period prescribed for such delivery in the contract or any time liquidation the contract before the expiry of such period, the Commissioner of Customs may without prejudice to his right to recover damages for breach of the contract, be entitled at his option.
- i. To recovery from the contractor as agreed liquidated damages, and not by way of penalty a sum equivalent to 2% of the price of the items which the contractor has failed to deliver within the period fixed for delivery for the schedule for each month or part of the month during which the delivery of such item may be in arrears, where delivery thereof is accepted after expiry of the aforesaid period, or
- ii. To purchase elsewhere, without notice to the contractor, on his account and at the risk of the contractor, the item not delivered or stores of similar description (where items exactly complying with the particulars are not in the opinion of the Commissioner of Customs readily procurable such opinion being final) without cancelling the delivery in respect of the consignments not yet due for delivery, or
- iii. To cancel the contract or a portion thereof, and if so decided to purchase or authorise to purchase of items not so delivered or other of a similar description (where items exactly complying with the particulars are not, in the opinion of the Commissioner of Customs, Chennai readily procurable, such opinion being final) at the risk and cost of the contractor.


03/06/13

(L. STEEPHEN)
DEPUTY COMMISSIONER OF CUSTOMS (PG)

SPECIAL TERMS AND CONDITIONS

The following special terms and conditions shall apply for supply of "Reverse Osmosis (R.O) Plant" at Custom House, No. 60, Rajaji Salai, Chennai- 600 001.

A. INSPECTION / INSTALLATION OF ITEMS / EQUIPMENTS:

Supplies shall be accepted and work shall be certified as completed subject to satisfactory and complete installation (upto full potentials claimed for that respective equipment/ Item) of the equipment / items supplied including supply of all accessories, and certified by the assigned officer, and subsequent inspection by the officers. Any defect found in the materials / equipment / items supplied / work done will render the supplies / work open to rejection and decision of the Commissioner of Customs, Chennai shall be final and legally binding. The tenderers shall have to take the same (rejected store) back at their own cost and risk, and shall replace such rejections with the items of standard specifications / quality as acceptable to the Department. Alternatively, the items may be purchased from others / work may be executed through others, at the risks and costs of the tenderer, at the discretion of the authority.

B. WARRANTY / GUARANTEE:

Along with the Technical Bid the following information are to be provided exclusively.

- (i) All the equipments shall be carrying at least 1 (One) year warranty / guarantee against defects of manufacturer/workmanship and poor quality of components. Accordingly, the tenderers shall indicate clearly and exhaustively the mandatory warranty / guarantee offered by them / by the manufacturing / supplying firms, its duration, as well as the various Terms & Conditions involved therein, at the time of submission of the Technical Bid papers.
- (ii) The tenderer must be able to provide after sales service for the equipments quoted at least for a period of five years. A declaration to such effect must be accompanied with the offer, in the technical bid.
- (iii) Uptime guarantee: During the warranty/guarantee / AMC period the firm will maintain the equipment in good working condition. All the complaints will be attended by the firm within 24 hours of the dispatch of a complaint to their office. The firm shall ensure that machine is set right within 5 days (five Days) of the intimation. However, the tenderer have to arrange similar equipment as a standby at his cost and risk in case of breakdown. In case of the machine not being made functional within 5 days (five Days), stiff penalty equivalent to 1½% of the cost of machine per week shall be levied for every week of delay at the discretion of the authority. In addition, the tenderer have to arrange similar equipment as a standby as stated above.
- (iv) A certificate about satisfactory performance of the equipment duly authenticated by other existing users of the equipment has to be supplied.

c. CERTIFICATES TO BE SUBMITTED ALONG WITH THE TECHNICAL BID:

The following written guarantee / declaration must be provided exclusively without which the quotation shall be liable for rejection.

1. The name, addresses, phone no, fax no, etc, of the authorised service centre in Chennai for each of the specific equipment / Article / item quoted.
2. A certificate about satisfactory performance of the equipment duly authenticated by other existing users of the equipment has to be supplied.
3. A declaration that the after sales service facilities as well as spare parts shall be made available at least for five years for each of the specific equipment / article quoted.
4. A declaration indicating willingness to provide AMC services at least for five years after the expiry of the warranty for each of the specific equipment quoted. Accordingly, the tenderer must quote prices for AMC, separately, for each year, for 5 years. The quotation for the cost of such

AMC are to be furnished along with cost of the equipment in the Price Bid. No such rate shall be mentioned in Technical Bid. Post warranty operation of RO Plant, consumables like salt, antiscalant, ph booster & micron cartridges etc. required for RO Plant shall be supplied by vendor and cost of the same to be included in the AMC amount.

5. A declaration that the specific equipment/article with the given specifications has not been sold / supplied to any other organisation at a lesser price than the price quoted here for each of the specific equipment quoted here.

E. SAMPLES / DEMONSTRATION

The firms should be prepared to demonstrate their item(s) / arrange for demonstration of items within 3 (Three) weeks from the date of opening of tender for verification / inspection, etc., or at a later date as decided by the competent authority. The firm shall have to comply with such conditions failing which the tenderer shall be liable for rejection and forfeiture of the Earnest Money. The tenderer / firm / company shall arrange for demonstration of equipment / Item / article at his own cost and risk. Tenderer who fails to demonstrate the equipments/ instruments quoted will not be considered for selection.

F. Training :

The Selected firm should impart training for operation of the equipment supplied, to at least 4(four) staff the office, free of cost, within 2(weeks) from satisfactory installation of the equipment.

G. DETAILS OF ITEMS QUOTED:

It is mandatory to indicate the full name, make / brand, model number, and details specification of the equipments quoted by them, (in addition, a brochure of product information may be attached along with). Tenderers also have to indicate clearly the Name, Address and all Contact numbers of the MANUFACTURING FIRM and the firm responsible for providing AFTER SALES SERVICES, of the equipment quoted by them.

H. Third Party Inspection: The vendor has to arrange for third party inspection by any one of the following agencies at his own cost and inspection charge to be included in the price quoted for RO Plant.


Lloyds

EIL (Engineers India Ltd.)

IRS (Indian Registrar of Shipping)

BV (Bureau Veritas)

DNV (Det Norske Veritas)


03/06/13

(L. STEEPHEN)
DEPUTY COMMISSIONER OF CUSTOMS (PG)

TENDER APPLICATION/DECLARATION FORM

| | | |
|----|---|--|
| 1 | Name of the firm:- | |
| 2 | a Full Postal Address | |
| | b Cell Phone No. | |
| | c Telephone No | |
| | d Fax No. | |
| | e E-mail address: | |
| 3 | Date of Establishment of Firm:- | |
| 4 | If your Firm Registered under:- | |
| | a The Indian Factories Act:- | |
| | b Any other Act, if not, who are the owners (Please give full address):- | |
| 5 | Details of Annual Turn Over and audited balance sheet for the last two years | |
| 6 | Name and Address of your Bankers stating the name in which the Account stands:- | |
| 7 | Whether insured against fire, theft, burglary etc. If so, please state the amount and name of company with policy no:- | |
| 8 | Total number of Employees:- | |
| 9 | Are you in the list of approved contractors of any other organisations / institutions, if any give details (Append extra page if necessary):- | |
| 10 | Give details of any Government contracts executed during the last 24 months (Append extra page if necessary):- | |
| 11 | Any other information which you consider necessary to furnish: | |

UNDERTAKING:

- a. I, the undersigned certify that I have gone through the terms and conditions mentioned in the tender document and undertake to comply with them.
- b. The rates quoted by me are valid and binding upon me for the entire period of contract and it is certified that the rates quoted are the lowest quoted for any other institution/ hospital in India.
- c. The earnest money of Rs. _____ to be deposited by me has been enclosed herewith vide Demand Draft no. _____, Dt. _____, drawn on bank _____, Branch _____.
- d. I hereby undertake to supply the items as per directions given in the tender document / supply order within stipulated period.
- e. I/We give the rights to the Commissioner of Customs, Chennai to forfeit the earnest money deposited by me/us if any delay occur on my/agent's part or failed to supply the article within the appointed time or the items of desired quality.
- f. There is no vigilance/CBI case or court case pending against the firm.

Date:-
Place:-

Signature of the tenderer:-

Full Name:-
Designation:-

(Office seal of the tenderer)

Specification of plant

| (A) RO Plant: | | | | | | |
|---------------|---|---|-----------------|-------------------|----------------|-------------------|
| Items | | Specification | Quantity | Rate to be Quoted | Amount of Rs. | Tax as applicable |
| 1 | Plant capacity | - 1000 LPH -500 LPH - 250 LPH | 01 01 01 | | | |
| 2 | Feed flow | -2600 LPH (min.) -1600 LPH (min.) -1200 LPH(min.) | | | | |
| 3 | System recover | > 30% | | | | |
| 4 | The plant should have electronic dosing system of chloride with minimum 50 litres tank. | | | | | |
| 5 | Multimedia Filter with minimum 1600mm height, minimum dia 480/360/300mm | | | | | |
| 6 | Antiscalant dosing system with minimum 50 litres tank with electronic dosing pump. | | | | | |
| 7 | RO block should be with high pressure pump – Grundfos/Equivalent. | | | | | |
| 8 | Membrane should be Dow/Hydranautics/Equivalent | | | | | |
| 9 | RO should be with UPVC pipe line. | | | | | |
| (B) | 500 liters storage tank (HDPE) RO(UPVC) | | 01 | | | |
| (C) | Transfer pump(SS) with minimum 0.5 HP Motor | | 01 | | | |
| (D) | All pipes and plumbing work for distribution of treated water | | | | | |
| (E) | Treated water quality | | TDS: 50-120 ppm | | Hardness <5ppm | |

RAW WATER CHARACTERISTICS (BORE WELL WATER FOR RO PLANT INPUT) (ANNEXURE-VI)

| Bacteriological Examination | BOREWELL-I | BOREWELL-II |
|--|--------------------------|--------------------------|
| Total colonies per ml on agar at 37 Degree C | 270 | 290 |
| MPN of Coliform bacteria per 100 ml | 150 | 75 |
| Nature of Coliform bacteria isolated | Citrobactor Freudndii II | Citrobactor Freudndii II |
| Result of vibrio test | | |
| <u>Physical examination</u> | | |
| Colour | Slightly whitish | Slightly whitish |
| Turbidity | 10 | 10 |
| Smell | None | None |
| Total solids (105 Degree C) | 3790 | 2860 |
| Carbonate Hardness as CaCO ₃ | 248 | 244 |
| Non-Carbonate Hardness as CaCO ₃ | 512 | 336 |
| Total Hardness as CaCO ₃ | 760 | 580 |
| Chloride as chlorine | 1170 | 810 |
| Ammoniacal nitrogen Directness | - | - |
| Albuminoid nitrogen | - | - |
| Oxygen absorbed (Tidy's test) | 1.84 | 2.4 |
| Nitrate-nitrogen | 5.0 | 4.0 |
| Acidity/Alkalinity Phenolphthalein | 0 | 0 |
| As CaCO ₃ Methyl Orange | 248 | 244 |
| Fluoride as Fluorine | 0.1 | 0.1 |
| pH value | 7.3 | 7.4 |
| Iron as Fe Total | 0.2 | 0.2 |
| Ferrous | 0.05 | 0.1 |
| Manganese as Mn | Nil | 0.1 |
| Nitrite Nitrogen | Trace | Trace |
| Sulphate | Marked | Marked |
| Phosphate | Trace | Trace |
| Toxic substance | | |
| Electrical conductivity (Reciprocal megohms per cm ³ at 20 Deg C) | 5410 | 4080 |
| Microscopical Examination | Amorphous matter | Amorphous matter |

RO PLANT OUTPUT WATER QUALITY (ANNEXURE-VII)

| Characteristics | HPCL requirement (mg/litre) |
|--|------------------------------------|
| Essential Characteristics | |
| Colour (in Hazen unit) | 5 |
| Odour | Unobjectionable |
| Taste | |
| Turbidity (in NTU) | 10 |
| PH | 6.5-8.5 |
| Total Hardness (as CaCO ₃) | 300 |
| Iron (as Fe) | 0.3 |
| Chloride (as Cl) | 250 |
| Residual free Chloride | 0.2 |
| Desirable Characteristics | |
| Total Dissolve solid | 110 |
| Calcium | 75 |
| Manganese | 30 |
| Copper | 0.05 |
| Manganese | 0.1 |
| Sulphate | 200 |
| Nitrate | 45 |
| Fluoride | 0.6 to 1.2 |
| Phenolic Compound | 0.001 |
| Mercury | 0.001 |
| Cadmium | 0.01 |
| Selenium | 0.01 |
| Arsenic | 0.05 |
| Cyanide | 0.05 |
| Lead | 0.1 |
| Zinc | 5 |
| Anionic Detergents | 0.2 |
| Chromium | 0.05 |
| Polynuclear aromatic hydrocarbon | -- |
| Mineral Oil | 0.01 |
| Pesticides | Absent |
| Alkalinity | 200 |
| Aluminium | 0.03 |
| Boron Radioactive materials | 0.3 |
| a) Alpha emitters | 0.1 |
| b) Beta emitters | 1 |