

INVITATION OF BID

Tender Notice No.:
Laboratory Equipment – I /2008

Dated: 14th July 2008

Name of the work:

**Purchase of Laboratory
Equipment - I/2008**



MAHARASHTRA POLLUTION CONTROL BOARD

Kalpataru Point, 3RD & 4TH Floor,
Sion Matunga Scheme Road No.8
Sion Circle, Sion (East),
Mumbai-400 022

Price: 5,000/-

MAHARASHTRA POLLUTION CONTROL BOARD

INDEX

Name of the Work: - Purchase of Laboratory Equipment-I/2008

WATER PURIFICATION SYSTEMS

Sr. No.	Contents	Page
1.	Schedule of Tender	02
2.	Copy of Advertisement (Tender Notice)	03
3.	General Terms and conditions	04-07
4.	Submission of Tender	07-14
5.	Payment Condition	14
6.	Force Majeure	14
7.	Warranty	14-15
8.	Jurisdiction	15
9.	Description and Delivery schedule of the item (Schedule "A")	16
10.	Specification of the Item (Schedule "B") Water Purification Systems	17
11.	Tender Application Form (Annexure - I)	18
12.	Bid Form (Annexure - II)	19
13.	Undertaking (Annexure - III)	20
14.	Delivery Receipt (Annexure - IV)	21
15.	Final Acceptance Certificate (Annexure - V)	22
16.	Manufacturers Authorization (Annexure - VI)	23
17.	AMC Rate Schedule (Annexure - VII)	24

MAHARASHTRA POLLUTION CONTROL BOARD



Kalpataru Point, 3RD & 4TH Floor,
Sion Matunga Scheme Road No.8
Sion Circle, Sion (East), Mumbai-400 022

Invitation of Bid

NAME OF THE WORK:

PURCHASE OF LABORATORY EQUIPMENT

Water Purification Systems

Tender Notice No.:- Laboratory Equipment-I/2008 (WP-EQ)

Schedule of Tender

- | Price of Tender Document | |
|---------------------------------|---|
| 1. | By hand or From Website |
| | Rs. 5000/- |
| 2. | Date of sale of tenders |
| | 14/07/2008 on all working days
between 1000 Hrs. To 1700 Hrs. |
| 3. | Last date of purchase of
Tender |
| | 25/07/08 till 1700 Hrs. |
| 4. | Last Date of Submission
of tender |
| | 30/07/08 up to 1500 Hrs. |
| 5. | Date of opening of tenders |
| | 01/08/2008 at 1500 hrs. |
| 6. | Earnest Money Deposit |
| | Rs 50,000/- |
| 7. | Security Deposit |
| | 20 % of the Tender cost |

(Sanjay Khandare)_{IAS}
Member Secretary

MAHARASHTRA POLLUTION CONTROL BOARD



Kalpataru Point, 3RD & 4TH Floor,
Sion Matunga Scheme Road No. 8,
Sion Circle, Sion (East), Mumbai-400 022

TENDER NOTICE (GLOBAL)

Laboratory Equipment-I/2008 (Water Purification System)

Member Secretary, Maharashtra Pollution Control Board invites global tender from manufacturer or Authorised Indian Agents / Distributors for the supply of Water Purification System (9 Nos.) instrument.

Tender Document consisting of detailed terms & conditions shall be available from the Incharge Central Laboratory, Maharashtra Pollution Control Board, Nirmal Bhavan, Plot No. 3, MIDC TTC, Sheel-Mahape Road, Mahape, Navi Mumbai – 400 710 between 11.00 to 16.00 Hrs. on payment of Rs. 5,000/- each by Demand Draft in favour of 'Maharashtra Pollution Control Board', payable at Mumbai or can be downloaded from the Web site "http://:mpcb.mah.nic.in" of the Board, from 14th July , 08 to 25th July, 08. The last date for submission of the tender complete in all respect will be 30th July, 08 up to 15.00 hrs. If the tender document is downloaded from website, the bidder shall submit separate Demand Draft of Rs. 5,000/- towards the cost of tender during submission of Bid.

(Sanjay Khandare) IAS
Member Secretary

This document contains the following:

- i) Index
- ii) Schedule of Tender
- iii) Copy of the Tender Notice
- iv) General Terms & Conditions of Bid
- v) Terms & Conditions of submission of Bid
- vi) Payment terms
- vii) Schedule “A” for Description and Delivery schedule of the item.
- viii) Schedule “B” for specifications
- ix) Application Form (Annexure – I)
- x) Bid Form (Annexure – II)
- xi) Undertaking (Annexure – III)
- xii) Delivery Receipt (Annexure – IV)
- xiii) Final Acceptance Certificate (Annexure – V)
- xiv) Manufacturers Authorization (Annexure – VI)
- xv) AMC Rate Schedule (Annexure – VII)

GENERAL TERMS & CONDITIONS:

1.00 The Tender Document is not transferable by the purchaser.

1.10 Each sheet of the bid be signed by the bidder. The price bid must be in the form provided herewith at Annexure- I & II and be submitted along with the undertaking at Annexure – III.

The Documentary evidence of the goods conformity to the bidding documents in the form of literature, drawings and data and shall be furnished.

- a) A detailed description of the goods should include essential technical and performance characteristics.
- b) A list of essential spare parts, consumables and special tools etc. be given with full particulars, including available sources and current prices.
- c) A Clause-by- clause commentary on the specifications, demonstrating the goods responsiveness to those specifications or a statement of deviations and exceptions of the provisions and specifications.

- 1.12 The bids will be accepted from the firm who have downloaded the application from the website or purchased from the office and is accompanied by D.D. of Rs 5000/- in favour of 'Maharashtra Pollution Control Board' payable at Mumbai.
- 1.13 The Board undertakes no responsibility for delay or non receipt of tender document sent by post or either way and also reserves the right to accept or reject any or all the tenders in part or full without assigning any reason thereof..
- 1.14 No bid document will be sold after the last date of sale of bid document or between the extended period of opening day, if any.
- 1.15 The bidder is expected to examine all instructions, forms, terms and conditions and specifications mentioned in the tender document. Failure to furnish all information required by the bidding document during submission of bid. Failure to do so will be at the bidder's risk and may result in the rejection of tender.
- 1.16 The Board at its discretion may extend the last date of submission of bids and opening of bids. **The first authority for acceptance of a bid will (rest) with the Member Secretary, Maharashtra Pollution Control Board** who does not bind himself to accept the lowest bid and is vested with authority to reject any or all of the bids received without assigning any reason.
- 1.17 Documents, samples etc. enclosed in the bid shall become the property of the Maharashtra Pollution Control Board without any payment.
- 1.18 The warranty period is 12 months starting from the date of successful commissioning / working of the equipments.
- 1.19 The Technology of the instruments shall be latest and shall continue to be operational for sufficient period to be mentioned in the offer. During this period, supplier shall give firm guarantee to supply spares on continuing basis. The bidder shall furnish an undertaking for uninterrupted and timely supply of spares on

continuing basis. If spares are not supplied/made available and are required to be procured from market the difference in prices, if any on account of such risk purchase and loss of revenue to the Board on account of non-operation of the instrument due to delay in procuring spares shall have to be borne by the supplier. In case demand of compensation and/or extra cost to the Board is not made good within a period of one month, it will be recovered as given in clause 2.28 of the bid document.

- 1.20 The items have to be supplied in standard packing.
- 1.21 The bids will be opened at M.P.C. Board, Sion, Mumbai on 23rd June, 2008 at 3.00 pm. In case of the date of opening of bid is declared as Public Holiday, the bid shall be opened on the next working day at the same time.
- 1.22 The bid shall contain no interlineations, erasures or overwriting of words except as necessary to correct errors made by the bidders, in which case such correction shall be initialed by the person or persons signing the bid. Failing which Bid will be rejected.
- 1.23 Late and delayed bids shall not be considered and may be returned unopened to the bidder.
- 1.24 The bids may be dropped in the bid Box kept in MPC Board, Nirmal Bhavan, Plot no. 3, Sheel Mahape Road, MIDC TTC, Mahape, Navi Mumbai – 400 710. However the bidders may send the bids by registered A. D. at his risk and the bids not received within the day and time fixed shall not be considered. **In no case bid should be handed over to any employee of the Board.**
- 1.25 Canvassing in any form will disqualify the bidder.
- 1.26 Submission of false claims / documents will attract legal action.
- 1.27 Request for bid Document for bidder through Telex, Telephone, Money Order and Tele fax shall not be entertained.

1.28 The Bid Notice “LABORATORY EQUIPMENT – I / 2008” must be invariably quoted in bid and further correspondence in this regard.

1.29 All the bids should be addressed to:

**THE MEMBER SECRETARY,
MAHARASHTRA POLLUTION CONTROL BOARD,
KALPATARU POINT, 3RD & 4TH FLOOR,
SION MATUNGA SCHEME ROAD NO. 8,
SION CIRCLE, SION (EAST),
MUMBAI – 400022**

and be delivered at **Central Laboratory**, M.P.C. Board, Nirmal Bhavan, Plot no. 3, TTC MIDC, Sheel-Mahape Road, Mahape, Navi Mumbai- 400 710.

2.0 TERMS & CONDITIONS FOR SUBMISSION OF BID

2.10 The bid prepared by the bidder and all correspondence and documents relating to the tender exchanged by the bidder with the MPCB, shall be written in English language, bid may be written in another language so long as accompanied by English, translation of its pertinent passage in such case for purposes of interpretation of the bid the English translation shall govern.

2.11 The bid must accompany Annexure-I with Technical part of bid and Annexure – II along with price part of the bid duly filled in and signed by the bidder along with the seal of the firm.

2.12 The bidders are requested to quote the rates item-wise and total price of each item separately indicating the Government taxes, levies, transportation (including packing, forwarding, loading and unloading) and other expenditure item-wise as free delivery at the place shown in Schedule “A”.

2.13 The bidder should quote separately for the PRE TREATMENT and POLISHING (ULTRAPURE WATER) UNIT along with the main unit.

Important:-

1) Bidders are requested to quote year wise annual maintenance charges (AMC) for five years.

- 2) All important spares should be quoted separately. The consumables required for good maintenance of the equipment should be quoted year wise for five years, based on 15,000 Litr. of annual consumption of water.
- 2.14 Bidder should quote the rate for all the items, partial quotation shall not be accepted. The Maharashtra Pollution Control Board reserves the right to accept the bid in full or in part.
- 2.15 The bid is to be submitted in single stage - 2 envelopes system, i.e. the first sealed envelope will contain full information required to judge pre-qualification, earnest money, complete technical details of the items offered including the leaflets and catalogues, list of credentials with documentary evidence, i.e. purchase/work order etc. Income tax Clearance Certificate, Sales Tax Registration No. affidavit for not being black listed, commercial term and conditions etc. It shall be marked "Pre-qualifications" technical and commercial Bid Tender No. Laboratory Equipment – I /2008.

The second envelope will contain only price quoted by the bidder in the form given Annexure – II of this document and shall be clearly marked "Price Bid No. Laboratory Equipment – I / 2008". Both the above envelopes must separately be sealed and shall be kept in one envelope bearing the address of Maharashtra Pollution Control Board and super scribed with bold letter **BID FOR SUPPLY OF "LABORATORY EQUIPMENT – I / 2008"**

- 2.16 Technical part of the bid will be opened first on due date, i.e. **01/08/2008**. In the office of the Maharashtra Pollution Control Board, KALPATARU POINT, 3RD & 4TH FLOOR, SION MATUNGA SCHEME ROAD NO. 8, OPP. SION CIRCLE. SION (EAST), MUMBAI – 400022, in presence of the representative of the bidders who chooses to be present. Sealed price part of technically and commercially acceptable bids will be opened on the same day if possible or on a later date which will be communicated by the Board on the same day or on a later day by post / E-mail.
- 2.17 The Bidders shall deposit the lump sum amount of Rs 50,000/- towards the "**Earnest Money Deposit**" along with bid in the form

of Bank Draft / Bankers Cheque only in favor of **“MAHARASHTRA POLLUTION CONTROL BOARD” payable at State Bank of India (Matunga Branch), Mumbai**”. Earnest Money shall not be accepted in any other form. The Earnest Money shall be forfeited if a bidder withdraws its bid before validity specified in bid documents or fails to supply the material within specified period in bid document. Bid shall not be entertained where a Bidder has not furnished adequate Earnest Money in the prescribed acceptable form. In case the instrument delivered is found defective and not attended to by the supplier, the earnest money deposited by the supplier will be forfeited. If supplier fails to supply the equipment so ordered within the specified time EMD will be forfeited.

- 2.18 The firm who seek exemption from depositing earnest money being small scale industry registered with DGS&D and other Government agencies which entitles them for exemption must submit the valid Registration Certificate covering the items offered by them along with the permissible value. The copy of Government Notification granting exemption from deposit of EMD must be submitted along with the first part of the tender along with the bid.
- 2.19 The Earnest Money of the unsuccessful bidder will be refunded without any interest after the concerned purchase is finalized or within three months whichever is later and that of successful bidder will be refunded without any interest after one month of the successful installation and commissioning / confirming performances as per specifications of the items.
- 2.20 Upon receipt of confirmed Purchase Order, successful bidder will have to pay Security Deposit of 20 % of the total cost of accepted bid value in the form of Bank Guarantee valid for 15 months from the date commissioning. This Bank Guarantee can be revoked in case of delay in supply beyond the specified period in the order or not conforming performance as per specifications given in the bid during the warranty period.
- 2.21 The validity of bid would be for a minimum period of 120 days from the date of opening of bids. A bid valid for a shorter period

will be rejected by the Board, as non responsive. In case of extension of validity period of the bid the Board may solicit the bidder's consent for extension of the period mutually agreed upon.

2.22 The non-negotiable full & final rates should be quoted both in words and figures by the bidder. In case of quote in foreign currency Rupee price on the date of opening of price bid will be considered for comparison of Financial Bids.

2.23 Arithmetical error will be rectified on the following basis.

If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price, shall prevail and the total price shall be corrected. If there is discrepancy between words and figures, the amount in words will prevail.

2.24 Bids not in proper sealed cover or received telegraphically will not be entertained.

2.25 Conditional bids will be rejected without assigning any reason.

2.26 The bid shall be typed or written in indelible ink and shall be signed by the bidder or a person or persons with due authorization should bear the signatures of only the authorized person of the firm. All pages of the tender except for unlamented printed literature shall be initials by the person or persons signing the bid.

2.27 To assist in the examination, evaluation and comparison of bids the Board may, at its discretion, ask the bidder for a clarification of its bid. However, no change in the price or substance of the bid shall be sought, offered re-permitted.

2.28 The specifications are clearly mentioned in the documents and the bidders are requested to submit bid only if their offer strictly comply with there specifications. Please note that no deviation in the required specification will be permitted. The bidding for the instruments having different specifications will be at Bidder risk as the Board will not entertain such bids. **BIDS CARRYING THE**

STATEMENT LIKE “SPECIFICATION AS PER BID DOCUMENT SHALL NOT BE ENTERTAINED”.

- 2.29 The Placement of Purchase Order will be according to the Technical evaluations of the bid and after consideration of its price worthiness.
- 2.30 The price to be given in the bids are fixed prices, irrespective of rises in material prices and increase in taxes or any statutory increase etc. till the receipt of the consignment to the Board. No request in regard to increase in the price of items or in taxes etc. or any statutory increase etc. will be entertained after the submission of the bid.
- 2.31 The nomenclature of the equipment and spares will be invariably same in Proforma invoice, packing list and in other relevant papers.
- 2.32 With the submission of bid the bidder accepts all the conditions of the bid.
- 2.33 If the item/s supplied is/are of the specification other than asked for and/or substandard quality to that mentioned in the supply order it will have to be replaced at their risk and cost. No freight and other charges for export/import and reshipment etc. will be borne by the Board.

The installation of the items is the entire responsibility of the supplier. It may be done either by the principal/supplier or their authorized agents within one week of the receipt of the items by the Board. The supplier or the agent should be in touch with the concerned authorities at the place of dispatch and in case of difficulties bidder may contact **LABORATORY INCHARGE, SENIOR SCIENTIFIC OFFICER, CENTRAL LABORATORY MAHARASHTRA POLLUTION CONTROL BOARD, NIRMAL BHAVAN, PLOT NO. 3, SHEEL MAHAPE ROAD, MIDC TTC, MAHAPE, NAVI MUMBAI - 400710. TELEPHONE: - 67195001, 67195012.**

- 2.34 The list of items, quantity and place of delivery is given in this document at Schedule “A” along with the detailed specification of the instruments at Schedule “B”. The quantity mentioned in the bid documents may be reduced or increased at the discretion of the Maharashtra Pollution Control Board without assigning any reason. The Board may place order for only one piece for testing by the Committee of group of officers appointed by MPCB and place order for remaining quantity depending on report of the Committee. Bidder/list representative can remain present at the time of inspection but the decision taken by the Committee in this regard will be final.
- 2.35 Each folio of the bid must be signed by the bidder
- 2.36 Bidder can quote the rates for all the items or some of the items. The bid shall be considered only for those items for which the rates have been specifically quoted. The Board further reserves the right to accept the bid for all the items or some of the items or some of the items for which the bidder has quoted the bid.
- 2.37 The items for which offers are made and accepted will have to be supplied within 8 weeks from the date of issue of supply order. Maharashtra Pollution Control Board shall open L.C. as per Purchase Order TOR within 15 days from receipt of Performance Bank Guarantee. In case of non-observance of delivery period of supply, not in accordance with the supply order the supplier has to pay default compensation at the rate of 0.5 % of the total value of order per concluded week and/or part of the week of the default, but not exceeding 5 % of the total value of order. In addition, for delay in supply by weeks as calculated @ 5% beyond the stipulated period of 6 weeks from the date of placement of supply order, the Board reserves the right to cancel the order and/or purchase the balance quantity (items not supplied) from open market at the cost and risk of the supplier to whom initial order was placed and the difference in prices, if any, on account of such purchase, shall have to be borne by the supplier. In case demand of compensation and/or extra cost to the Board is not made good within a period of

one month by the bidder, it will be recovered from the pending bills, E.M.D. and/or arrears of land revenue.

- 2.38 “After sales services” is most important aspect to be considered for comparison of bid. The bidder having service centers all over Maharashtra will be given preference at the time of consideration of the bid. In case, the bidder is not an authorized agent of the company for which the bid has been made the bidder should arrange for the installation, warranty service, operational training, after sales service, etc. including free training to the staff of the Board through the authorized agents at the site of installation. The cost of this training shall be included in the price quoted and no separate consideration is offered. The Confirmation of the above may be provided with the technical bid failing which the bid will not be considered. The details of after sales service after warranty period shall be given as mentioned in Annexure-II.
- 2.39 At any time prior to the deadline for submission of the bids the Board may for any reason whether at it’s own initiative or in response to a clarification requested by a prospective bidder, modify the bid documents by amendment.
- 2.40 The amendment if any will be brought to the notice in writing or by telex or cable to all concerned bids that have received the bidding documents and will be binding on them.
- 2.41 In order to afford prospective bidder reasonable time in which to take the amendment into account in preparing their bids, the Board may at its discretion, extend the date for the submission of bids.
- 2.42 The price must be quoted item wise i.e. basic price, taxes, packing, forwarding, handling and transportation charges, insurance, installation charges, etc. the charges must be quoted clearly and not in vague terms like “As actual”, “Approx”, etc.
- 2.43 All the risks during inland transportation i.e. from Airport to place of delivery will be at the cost & risk of Bidder.

2.44 MOST IMPORTANT:

Please note that annexure-I of this document must be enclosed with the first part of bid, i.e. "Technical and Commercial Bid and Annexure-II and V" will be kept in the second part of the bid i.e. Price Bid.

2.45 Please note that there is no need to enclose the entire bid document (supplied by the Board) with your bid only Annexure-I, II, III need to be enclosed as per instructions stipulated.

2.46 Manufacturers authorization in the form of Annexure – IV is must.

3.0 PAYMENT CONDITIONS:

A Letter of Credit will be opened in Bank for 100 % of cost of the instrument. The 80 % payment will be released after delivery of the equipment at destination and on production of delivery certificate of respective authority. Remaining 20 % will be released after successful installation, commissioning and satisfactory performance certification by the concerned officer.

4.0 FORCE MAJEURE: Vendor shall not be considered in default if delay in delivery occurs due to causes beyond his control such as acts of God, natural calamities, civil wars, strikes, fire, floods, riots, etc. In the event of delay due to such causes delivery schedule will be extended for a length of time equal to the period of force majeure or at the option of the Board or the order may be cancelled. Such cancellation would be without any liability whatsoever on the part of the Board.

5.0 WARRANTY: The materials supplied under this contract shall be of the best quality and workmanship and shall be strictly in accordance with the specifications and particulars mentioned in the clauses of the bid. The contractors will have to guarantee that the said material would continue to conform to the specification and perform satisfactorily for a period of 12 months from the date of installation/commissioning of the material and that notwithstanding the fact the Board may have inspected and/or approved the said material, discovered not to conform to the description and quality mentioned in the bid or have deteriorated (decision of the Chairman of the Board will be final and conclusive), the Board will be entitled to reject the said material or such portion of the material which may be discovered not to conform to the specifications and

quality mentioned in the bid. On such rejection the material will be at the Contractor's / Supplier's risk and of the provisions herein contained relating to rejection of goods etc. shall apply. The Contractor's / Supplier's if so called upon to do so, replace the material etc. or such portion thereof as is rejected by the Chairman of the Board free of cost at the ultimate destination, otherwise the Contractor / Supplier shall pay to the Board such damage as may arise by reason of breach of the condition herein contained. Nothing herein contained shall prejudice any other right of the Board in that behalf under this contract or otherwise. On failure to make the loss good to the Board, within 15 days from the date of demand, it will be recovered as arrears of Land Revenue.

6.0 JURISDICTION: In case of any dispute, the Mumbai Court alone will have the jurisdiction to try the suit on contract.

XXXXXXXXXXXXXXXXXXXXXXXXXXXX

SCHEDULE - A
MAHARASHTRA POLLUTION CONTROL BOARD

Kalpataru Point, 3RD & 4TH Floor,
Sion Matunga Scheme Road No.8
Opp. Sion Circle, Sion (East), Mumbai-400 022.

NAME OF WORK:
PURCHASE OF WATER PURIFICATION SYSTEM

Sr. No.	Place of Supply & Accepting Authority	No. of Units
1.	Senior Scientific Officer, Central Laboratory	03
2.	Scientific Officer, Regional Lab., A' bad	01
3.	Scientific Officer, Regional Lab., Nagpur	01
4.	Scientific Officer, Regional Lab., Chiplun	01
5.	Scientific Officer, Regional Lab., Nashik	01
6.	Scientific Officer, Regional Lab., Pune	01
7.	Scientific Officer, Regional Lab., Thane	01

List for Addresses for Delivery of Instruments

Sr. No.	Name of the Regional Laboratories	Address	Tel. & Fax Nos.
1.	Central laboratory, Mahape, Navi Mumbai	Nirmal Bhavan, Plot no. 3, Sheel Mahape Road, MIDC TTC, Mahape, Navi Mumbai - 400 710.	Tel. 64504220 Fax. 64504220
2.	Regional Laboratory, Aurangabad.	Paryavaran Bhavan, Plot no, A-4/1, Chilkalthana MIDC Area, Behind Dainik Lokpatra, Jalna Road, Aurangabad - 431 210	Tel: 0240-2473461 Fax: 0240-2473462
3.	Regional Laboratory, Nagpur	Udyog Bhavan, 6 th Floor, Near Sales Tax Office, Civil Lines, Nagpur - 440 001	Tel: 0712-2557231 Fax:- 0712-2560851
4.	Regional Laboratory, Chiplun	Parkar Complex, 1 st Floor, Behind Nagar Parishad, Chiplun, Dist. Ratnagiri	Tel.: 02355 - 261970 Fax: 02355 - 261570
5.	Regional Laboratory, Nashik	Udyog Bhavan, Satpur MIDC, Near ITI, Nashik - 422 107	Tel: 0253 - 2362820 Fax: 0253 - 2365161
6.	Regional Laboratory, Pune	Jog Centre, 3 rd Floor, Mumbai Pune Road, Wakdewadi, Pune 411 003	Tel: 020-25811698 Fax: 020-25811029
7.	Regional Laboratory, Thane	Office Complex, 5 th Floor, Wagle Industrial Estate, Thane.	Tel.: 020 - 25820423 Fax: 020 - 25805398

SCHEDULE – B

SPECIFICATION FOR WATER PURIFICATION SYSTEM **(WP - EQ)**

System Requirements:

The water purification system needed for the Board's Laboratories for requirement of reagent grade water as well as ultra pure water for instruments like HPLC, IC & ICP etc.

A) The Instrument:-

The equipment should contain following systems:

- 1) Pre filtration /treatment unit: - The system should include arrangements to remove suspended solids and reduce the hardness and free chlorine from the feed water. quality of feed water is as follows:
 - a) Conductivity - 1000 $\mu\text{s}/\text{cm}$
 - b) TDS - 500 mg/lit.
 - c) Suspended Solids - 50 mg/lit.

 - 2) Main unit: - Reverse Osmosis followed by mix bed de-ionization module and Ultra Violet Lamp (185 nm & 254 nm wavelength), to get the reagent grade water (Type - II water of equivalent to ASTM specification) it should be capable of delivering pure water of type-I, at the rate of 10 lit. per hour to the storage tank.

 - 3) Storage Tank:- System should have a 60 liter capacity storage tank vertical in shape, conical at the bottom made out of polyethylene. Should have Tap at the appropriate place to draw pure water. Should be equipped with level sensor, vent filter with carbon-dioxide trap and submersible UV lamp to maintain the water quality, received from purification unit, as follows:
 - a) Conductivity - upto 1.00 $\mu\text{s}/\text{cm}$
 - b) TOC - < 50ppb
 - c) Silicates - upto 3 ppb
 - d) Sodium - upto 5 ppb
 - e) Chlorides - upto 5 ppb
 - f) Bacteria - 0.1 cfu/ml.
 - g) Endotoxin - 0.25 Eu/ml.

 - 4) Ultra pure water module (Ultra Filtration Unit) comprising of highest purity synthetic active carbon, semi conductor grade mixed bed resin with UV Lamp for reduction of TOC. The dispenser should be flexible and should be made out of PVDF. The ultra filtration unit should be capable of delivering water > 1 lit./minute of the following quality of water.
 - a) Conductivity : 0.055 $\mu\text{s}/\text{cm}$
 - b) TOC : < 10 ppb
 - c) Silicates : upto 3 ppb
 - d) Sodium : upto 1 ppb
 - e) Chlorides : upto 1 ppb
 - f) Bacteria : < 0.1 cfu/ml.
 - g) Endotoxin : < 0.25 Eu/ml.
 - h) Particle size : upto 0.1 μ
- B)** i) The system should include conductivity meter, temperature meter to measure online conductivity and temperature. The system should be compact, treatment should be in a single unit and storage tank and should be user friendly.
- ii) The system should be provided with front panel, back lit LCD to display various operational and functional parameters of the equipment.

ANNEXURE – 1

MAHARASHTRA POLLUTION CONTROL BOARD

Application form

(To Be Filled By the Bidder)

- 1) Name and full address of Bidder including :
e-mail address and Fax No.
- 2) Name and designation of the Head of the :
Firm and his Telephone No.
- 3) (i) In case the supplier is located out of :
Mumbai, contact details of authorized
distributors or agents in Mumbai.
(ii) Name, Designation, address and :
Telephone No. of the authorized
person who is to be contacted during
the process of the purchase
concerned under this document.
- 4) The total value of tender submitted :
- 5) Earnest Money Deposited : **Yes / No**
- 6) If yes, Demand Draft No., Date and Name :
of issuing Bank
- 7) Validity of Tender (No. of Days) :
- 8) Whether the Tender conditions are : **Yes / No**
accepted in full.
- 9) Income Tax clearance certificate attached : **Yes / No**
(latest)
- 10) Manufacturer Authorization (in case of : **Yes / No**
Indian Agents bidding on behalf of Foreign
Manufacturers.)

Place :

Date :

Authorized Signatory

ANNEXURE-II

MAHARASHTRA POLLUTION CONTROL BOARD

BID FORM

(To be filled by the bidder and must be kept in "PRICE TENDER" part of the tender)

1. DETAILS SHOWING QUANTITY, SPECIFICATIONS, RATES AND OTHER DETAILS OF THE ITEMS OFFERED

Sr. No. of the item as per tender document	Name of the item	Specification offered by the bidder	Difference in specifications of tender document and that of bid, if any	Quantity in the tender	Rate	Cost	Taxes and other expenditure (ins. And freight etc.) may be shown separately	Total Cost
1	2	3	4	5	6	7	8	9
1.								
2.								
3.								
4.								
5.								

NOTE: *If this sheet is not sufficient to accommodate the bid, the additional sheets containing the same proforma may be used but the bidder with the seal must sign all such sheets including this one. In case of foreign bidder this Annexure must enclose proforma invoice item wise.*

ANNEXURE – III

UNDERTAKING

Date:
Tender Notice No.

To,

**The Member Secretary,
Maharashtra Pollution Control Board**
KALPATARU POINT, 3rd & 4th floor,
Sion Matunga Scheme Road No. 8
Opp. Sion Circle, Sion (East),
Mumbai – 400 022

Sir,

Having examined the conditions of Tender Documents and specifications of the equipment, the receipt of which is hereby acknowledged, we the undersigned offer to supply, deliver and install the following with successful working of instruments/equipments.

Sr. No.	Particulars	Type of equipment	Calibrated from / Date of Calibration
1			

(Please add additional pages, if required)

The above supply, installation shall be in conformity with the specifications and conditions of supply for a sum of Rs. _____/- (Rupees _____ only) we undertake if our tender is accepted to deliver the items quoted by us, we shall deliver and install within the period of supply indicated in the tender.

We agree to abide by this tender and it shall remain binding upon us.

We are submitting a Demand Draft for Rs. _____/- (Rupees _____ only) in favor of Maharashtra Pollution Control Board payable at State Bank of India, Matunga Branch, Mumbai, towards the Earnest Money.

This bid, together with your written acceptance thereof in your notification of reward shall constitute a tendering contract.

Date this _____ day of _____ 2006

**Signature of Authorized person
With stamp & full address**

ANNEXURE – IV

Delivery Receipt

(To be issued by the consignee on letterhead)

No.:

To,

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.....

ACKNOWLEDGEMENT RECEIPT OF INSTRUMENTS / EQUIPMENTS

(To be given separately for each item supplied)

This is to certify that the equipments as detailed below has been received in good condition along with all standard and special accessories / spares in accordance with the conditions of the contract and amendment, if any.

Tender No. :

Purchaser :

Purchase Order No. and Data :

Description of the item supplied :

Quantity supplied :

Name of principal / supplier :

Name of Indian Agent (if any) :

Date of actual supply (date of delivery for the Indigenous supplier) :

Outstanding / dues with the Supplier :
As per PO & amendment, if any

Recommendation : **Recommended / not recommended for release of payment**

List of Documents enclosed :

Signature of designated Consignee.
(RO / SRO / SSO / SO)
Name & Designation with Seal &
Contact No. Ph. / Fax No.:

Copy submitted to: C.A.O., MPCB, Mumbai, for information & necessary action.
CC to: S.S.O. Central Lab., MPCB, Mahape, Navi Mumbai, for information.

ANNEXURE – V

FINAL ACCEPTANCE CERTIFICATE

No.

Date:

To,

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.....
.....

INSTALLATION, COMMISSIONING AND FINAL ACCEPTANCE CERTIFICATE

This is to certify that the instruments / equipments as detailed below has been received in good condition along with all standard and special accessories / spares and in accordance with the conditions of the contract and amendment, if any, and the same has been finally accepted after satisfactory installation, commissioning and training at the nominated site:-

Tender No. :
Purchaser :
Purchase Order No. and Date :
Description of the item supplied :
Quantity supplied :
Name of principal / supplier :
Name of Indian Agent (if any) :
Date of Installation, Commissioning and Final acceptance :
Name of the designation of consignee where Equipment installed & commissioned by the Supplier. :
Where incidental services as per P.O. provided : Yes / No
Outstanding / dues with the supplier :
List of Documents enclosed :

Further certified that, necessary entry has been taken in M.B. No. _____ Page No. _____ to _____ and Instrument Register on page no. _____ (Enclosed certified photocopy)

Recommended for Release of full & final payment.

Signature of designated Consignee.
(SSO / SO)
Name & Designation with Seal &
Contact No. Ph. / Fax No.:

Copy submitted to: C.A.O., MPCB, Mumbai, for information & necessary action.
CC to: S.S.O. Central Lab., MPCB, Mahape, Navi Mumbai, for information.

ANNEXURE -VI
MANUFACTURERS' AUTHORIZATION FORM

No.:

Date :

To,

Member Secretary,
Maharashtra Pollution Control Board,
3rd & 4th Floor, Kalpataru Point,
Sion-Matunga Scheme Road No.8,
Opp. Cine Planet, Sion (East),
Mumbai – 400 022.

Dear Sir,

Ref. : Tender No.: _____ dtd.

We, M/s. _____ are established and reputed manufacturer of _____ having manufacturing unit (s) at (address of factory) do hereby authorize M/s. _____ (Name and address of Agent) to submit a bid, and sign the contract with you for supply of “_____” the manufactured, make & model of Instrument / equipment, by us against the above Tender No. _____.

No company or firm or individual other than M/s. _____ is authorized to bid and conclude the contract in regard to this business against this specific Bid.

We hereby extend our full guarantee and warranty as per Clause (s) of the Conditions of Contract for the goods and services offered for supply by the above firm against this Bid.

Yours faithfully,

Place:

Date:

(Authorized Signature)

Name:

Designation:

Note: This letter of authority should be on the letterhead of the manufacturer duly sealed and signed by a person competent and having the power of attorney to bind the manufacturer.

Annexure-VII

Rate scheduled of AMC for Water Purification System Quoted

The water purification systems are to be supplied to various Board's Laboratories as per delivery schedule should be quoted as per place.

Sr. No.	Period	AMC charges for single system	No. of visit regular/on call	Remarks
1.	2008-2009 Twelve Month		3 routine visit + no. of Break-down visits	
2.	2009-2010 Twelve Month			
3.	2010-2011 Twelve Month			
4.	2011-2012 Twelve Month			
5.	2012-2013 Twelve Month			