

# **e-Tender Document**

**For**

**Supply of Chemicals**

**Tender No.:- MPCB/C.Lab/ARC-Chemical/  
e-Tender/2021-24**



## **Maharashtra Pollution Control Board**

**Kalpataru Point, 3<sup>rd</sup>& 4<sup>th</sup>Floor, Sion Matunga Scheme Road  
No.8 Opp. Sion Circle, Sion (East), Mumbai-400 022**

**Website:<http://mpcb.gov.in>**

**Price: Rs.5000/-**

**(Non Refundable)**

**(2021-2024)**

# **Maharashtra Pollution Control Board**

Kalpataru Point, 3<sup>rd</sup>&4<sup>th</sup>Floor, Sion Matunga Scheme Road No.8,  
Opp. Sion Circle, Sion (East), Mumbai-400 022

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## **e-Tender for Supply of Laboratory Chemicals.**

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# Maharashtra Pollution Control Board

Kalpataru Point, 3<sup>rd</sup>&4<sup>th</sup> Floor, Sion Matunga Scheme Road No.8,

Opp. Sion Circle. Sion (East), Mumbai - 400 022

**Website:** <http://mpcb.gov.in>

## 1. DETAILS FOR E-TENDER PROCEDURE

### NOTICE DETAILS

<b>Tender Reference no.</b>	<b>MPCB/C.Lab/ARC/e-Tender/2021-24, Dt. 22.07.2021</b>
<b>Name of Work / Item</b>	<b>PURCHASE OF LABORATORY CHEMICALS UNDER ANNUAL RATE CONTRACT (ARC).</b>
<b>Tender Fee</b>	Rs. 5,000/- (Rupees Five Thousand Only) (Non-Refundable) to be paid through Online Payment Modes i.e., Net Banking only, during Tender Document Download Stage.
<b>EMD</b>	Rs. 20,000/- (Rupees Twenty Thousand Only) to be paid through Online Payment Modes i.e. Net Banking only, during Tender Document submission Stage
<b>Date, Time and Place of Pre Bid Meeting</b>	<b>Dt: 03.08.2021 at 03.00 pm</b> MPCB, Conference Hall, Kalpataru Point, 4 <sup>th</sup> Floor, Sion Matunga Scheme Road No.8,Opp. Sion Circle. Sion (East), <b>Mumbai - 400 022</b>
<b>Venue of online opening of tender</b>	MPCB Conference Hall, Kaptaru point, 4 <sup>th</sup> floor Opp, PVR Cinema (near Sion Circle) Sion (East) Mumbai-400 022
<b>Address for Communication</b>	MPCB Conference Hall, Kaptaru point, 4 <sup>th</sup> floor Opp, PVR Cinema (near Sion Circle) Sion (East) Mumbai-400 022
<b>Contact Telephone &amp; Fax Numbers of MPCB</b>	Tel. No-022-24087295, 022-24010437 Fax-022-24087295 Email – <a href="mailto:icclab@mpcb.gov.in">icclab@mpcb.gov.in</a>
<b>e-Tendering Helpline Support:</b>	<b>24 X 7 Help Desk Toll Free No.1800 3070 2232 Mobile No. 7878007972, 7878007973, 7878007974.</b>

## 2. e-Tender Time Schedule

Sr. No.	Activity	Performed by	Start		Expiry	
			Date	Time	Date	Time (hrs.)
1	Release of E-tender	Department	29/07/2021	15:00	29/07/2021	17:00
2	E-tender Download	Bidders	29/07/2021	17:05	11/08/2021	17:00
3	Receipt of request for clarification during Pre-bid	Bidders	30/07/2021	11:00	02/08/2021	17:00
3	Pre-bid Meeting	Department	03/08/2021 @ 15:00 hrs			
6	Bid Submission	Bidders	12/08/2021	11:00	21/08/2021	17:00
8	Envelope Opening Date (Technical Bid)	Department	23/08/2021	13:00	23/08/2021	17:00
9	Envelope Opening Date (Price Bid)	Department	31/08/2021	13:00	31/08/2021	17:00

**Please Note:** All bid related activities (Process) like Tender Document Download, Bid Preparation, and Bid Submission will be governed by the time schedule given under Key Dates below:

*\* Dates mentioned here, are scheduled dates for Bid Opening Activities. Any changes in dates of opening of technical and commercial bids shall be notified in 'Press Notice / Corrigendum' section on the e-Tendering sub portal of the department before opening of the same.*

### **3. INSTRUCTIONS TO BIDDERS FOR e-Tendering**

#### **3.1 GENERAL INSTRUCTIONS:**

The bidders are requested to familiarize themselves with the use of the e-Tendering portal of Government of Maharashtra well in advance

To view- Tender Notice, Detailed Time Schedule, Tender Document and BoQ for this Tender and subsequently purchase the Tender Document and its supporting documents, kindly visit following e- Tendering website of **Government of Maharashtra** [www.mahatenders.gov.in](http://www.mahatenders.gov.in)

All bidders interested in participating in the online e-Tendering process are required to procure Class II or Class III Digital e-Token having 2 certificates inside it, one for Signing/Verification purpose and another for Encryption/Decryption purpose. The tender should be prepared & submitted online using individual's Digital e-Token.

The Contractors participating first time for e-Tenders on Maha e-tendering portal will have to complete the Online Registration Process for the e-Tendering portal. A link for enrolment of new bidders are as follows.

[https://mahatenders.gov.in/nicgep/app;jsessionid=CA1444774BB4186D0E04B4178D5CA501.mhg\\_eps2?page=BiddersManualKit&service=page](https://mahatenders.gov.in/nicgep/app;jsessionid=CA1444774BB4186D0E04B4178D5CA501.mhg_eps2?page=BiddersManualKit&service=page)

**Empanelment:** The Contractors interested in participating in the Tenders of Maharashtra Pollution Control Board processed using the Electronic Tendering System shall be required to enroll on the Electronic Tendering System to obtain Login ID and password. The Contractors may obtain the necessary information on the process of enrolment either from Helpdesk support team or enrolled directly on Web site [www.mahatenders.gov.in](http://www.mahatenders.gov.in).

#### **e-Tendering Tool Kit for Bidders**

(detailed Help documents, designed for bidders) has been provided on Mahatender website

[https://mahatenders.gov.in/nicgep/app;jsessionid=CA1444774BB4186D0E04B4178D5CA501.mhg\\_eps2?page=BiddersManualKit&service=page](https://mahatenders.gov.in/nicgep/app;jsessionid=CA1444774BB4186D0E04B4178D5CA501.mhg_eps2?page=BiddersManualKit&service=page) in order to guide them through different stages involved during e-Tendering such as online procedure for Tender Document Purchase, Bid Preparation, Bid Submission.

Bidders will have to pay cost of Tender Document through online modes of payment by **Net Banking only** during **Tender Document Download stage**. This payment will not be accepted by the department through any offline modes such as Cash, Cheque or Demand Draft.

Similarly, Bidders will have to pay Earnest Money Deposit through online mode by Net banking only during **Bid Preparation stage**. This payment will not be accepted

by the department through any offline modes such as Cash, Cheque or Demand Draft.

**For any assistance on the use of Electronic Tendering System, the Users may call the below numbers: -**

**24 X 7 Help Desk Toll Free No.1800 3070 2232 Mobile No. 7878007972, 7878007973, 7878007974.**

**For a bidder, online bidding process consists of following 3 stages:**

1. *Online Tender Document Purchase and Download*
2. *Online Bid Preparation*
3. *Online Bid Submission*

**All of 3 stages are mandatory in order for bidders to successfully complete Online Bidding Process.**

#### **4. TENDER DOCUMENT PURCHASE AND DOWNLOAD:**

The tender document is uploaded / released on Mahaetenders website [www.mahatenders.gov.in](http://www.mahatenders.gov.in) Tender document and supporting documents may be purchased and downloaded from above link of Mahaetender site GoM, by making payment through **Online Payment Modes i.e. Net Banking Only.**

If for any reason a bidder fails to make this payment through online modes, system won't allow the bidder proceed further for next stage resulting in his/her elimination from Online Bidding Process.

This payment will not be accepted by the department through any offline modes such as Cash, Cheque or Demand Draft.

Subsequently, bid has to be prepared and submitted online ONLY as per the schedule.

The Tender form will be available online only. Tender forms will not be sold / issued manually. The bidders are required to download the tender document within the prescribed date & time mentioned in online tender schedule. After expiry of the date and time for tender document download, Department / Corporation will not be responsible for any such failure on account of bidders for not downloading the document within the schedule even though they have paid the cost of the tender to the Department / Corporation. In such case the cost of the tender paid by the bidders will not be refunded.

#### **5. PREPARATION & SUBMISSION OF BIDS**

Bids shall have to be prepared and subsequently submitted online only. Bids not submitted online will not be entertained.

## **6. Online Bid Preparation - Price BID**

All commercial offers must be prepared online in given BoQ format (An online form will be provided for this purpose in Online Price Bid Envelope during **Online Bid Preparation** stage).

### **Online Bid Submission**

In this stage, bidders who have successfully completed their Bid Preparation stage are required to submit the bid in prescribe time schedule.

### **INSTRUCTION TO BIDDERS FOR ONLINE BID PREPARATION & SUBMISSION**

Bidders are required to pay Earnest Money Deposit (if applicable to them) through Online Payment modes i.e. **Net Banking only** during Bid Preparation Stage.

If for any reason a bidder fails to make this payment through online modes, system won't allow the bidder to complete Bid Preparation stage resulting in his/her elimination from Online Bidding Process.

Hence, it is strongly recommended to bidders to initiate this payment well in advance prior to expiry of Bid Preparation stage in order to avoid elimination from Online Bidding Process on grounds of failure to make this payment.

During the activity of **Bid Preparation**, bidders are required to upload all the documents of the technical bid by scanning the documents and uploading those in the PDF format. This apart, bidders will have to quote commercial offer for the work / item as per the format given, for which bids are invited, in an online form made available to them in Commercial Envelope. This activity of **Bid Preparation** should be completed within the pre-scribed schedule given for bid preparation.

After **Bid Preparation**, the bidders are required to complete **Bid Submission** activity within prescribed schedule without which the tender will not be submitted.

The date and time for online preparation followed by submission of envelopes shall strictly apply in all cases. The tenderers should ensure that their tender is prepared online before the expiry of the scheduled date and time and then submitted online before the expiry of the scheduled date and time. No delay on account of any cause will be entertained. Offers not submitted online will not be entertained.

If for any reason, any interested bidder fails to complete any of online stages during the complete tender cycle, department shall not be responsible for that and any grievance regarding that shall not be entertained.

Any amendment to the tender will be placed on sub portal of the Department, who

have invited the bids, on Maha e-tendering portal. The tenderer will not be communicated separately regarding the amendment.

**OPENING OF BIDS:**

The bids that are submitted online successfully shall be opened online as per date and time given in detailed tender schedule (if possible), through e-Tendering procedure only in the presence of bidders (if possible). Bids shall be opened either in the presence of bidders or its duly authorized representatives. The bidder representatives who are present shall sign a register evidencing their attendance. Only one representative per applicant shall be permitted to be present at the time of opening the tender.

**7. TECHNICAL BID ENVELOPE**

This envelope shall be opened online as per the date and time given in detailed tender schedule (if possible), through e-Tendering procedure only,

The technical bid consists of following Documents

Sr. No.	Description	Document's status
	<b>Pre-Qualification Documents to be submitted as per schedule – I:</b>	
1	Undertaking of having manufacturer along with address of manufacturing activity. In case of foreign manufacturers, Indian counterpart shall enclose Authority letter from their principal	Compulsory
2	List of Govt./Semi Govt. Institutions, Universities etc. having supplied Certified Laboratory <b>Chemicals</b> . Enclose Photocopies of Annual Rate Contract for last two years. Total Annual supply should not be less than Rs.10.0 Lacs.	Compulsory
3	Details as per schedule II	Compulsory
4	Certified copies of Excise Registration No., PAN No., GST No.	Compulsory
5	Bidders shall give undertaking as per enclosed format at <b>schedule – III</b> .	Compulsory
6	List of authorized distributor suppliers in Maharashtra with detailed address, Contact number and e-mail ID, jurisdiction of supply shall be uploaded.	Compulsory
7	<b>Technical Specification as per schedule - IV:</b>	Compulsory
8	Proof of submission of EMD	Compulsory
9	<b>Chemicals:</b> Free from any impurities, Analytical Reagents grade (AR grade) <b>required for NABL Certified Laboratories.</b>	Compulsory



10	Catalogs and other supporting documents of above items should also be submitted in original at the time of technical bid opening	Compulsory
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**Price Bid ENVELOPE:**

This envelope shall be opened online as per the date and time given in detailed tender schedule (if possible), through e-Tendering procedure only,

<b>Sr. No.</b>	<b>Description</b>	<b>Document's status</b>
1	BoQ as per given excel Format	Compulsory

## **General Terms & Conditions:**

1. The e-Tender is opened to only manufacturer and in case of imported goods authorized Indian agent can bid.
2. List of chemical are enclosed at **Annexure-I**. Bidders are requested to state the discount available on the original catalog price for the financial year (i.e.2021-24).The cost of each item shall be quoted after deducting the discount. GST, Excise Duty shall be paid at actual as applicable at the time of delivery. No extra charges shall be paid for packing, forwarding, Insurance, Transportation etc.
3. The bidder is expected to examine all instructions mentioned in tender documents forms and terms & conditions. Failure to furnish all information required by the tendering documents or submission of all documents, not substantially responsive to the tendering document in every respect will be at the risk and may result in the rejection of bid.
4. This call of e-tender does not bind the M.P.C.B. to place order. The offer/Bids submitted in response to this invitation may be rejected without assigning any reasons.
5. The Board at its discretion may extend the last date of submission of tender and opening of tenders. The authority does not bind itself to accept the lowest e-tender and is vested with authority to reject any or all of the tenders received without assigning any reason.
6. Documents, samples, etc. enclosed in the e-tender, shall become the property of M.P.C.B. without any payment.
7. In case of dispute, the decision of Member Secretary, Maharashtra Pollution Control Board shall be final.
8. The proposal from the firms /Bidders putting their own terms and conditions will be rejected.
9. **The validity of the tender will be for the duration of 3 years i.e. 1<sup>st</sup> September 2021 to 31<sup>st</sup> August 2024 extendable up to 30<sup>th</sup> November 2024 or mutually agreed time period.**

**E- Tender is proposed for the three financial years (2021-2024) which is to be renewed annually based on performance of individual suppliers (quality and its delivery period as per PO), parties to quote percentage increase / decrease of rates for each chemicals for each financial years excluding taxes as applicable.**
10. EMD to be renewed after every financial year. In case of penalty the party shall top up EMD before issue of ARC order for the financial year (2021-20211, 20222-2023, 2023-2024)

11. Each folio of the tender document shall be signed by the bidder otherwise the bid will be treated as rejected.
12. The e-tender must be filled in English and all the entries must be made by handwritten in ink or may be typed. If any of the document is missing, or unsigned tender will be considered invalid.
13. The prospective bidder shall have not been disqualified by the Maharashtra Pollution Control Board for any reason for specific period.
- 14. Prospective bidder shall have registered with NABL or any other Govt. organization for the quality of the product.**
15. The price bid of only those bidders will be opened whose Pre-qualification Criteria (**Schedule - I**) is found to be acceptable.
16. The e-tender shall contain no interlineations erasures or overwriting of words except as necessary to correct errors made by e-tenders, in which case such correction shall be initialized by the person or persons.
17. Bids received after due date and time mentioned in the tender notice shall not be accepted.
18. In no case hard copy of tender should be handed over to any employee of the Board.
19. Canvassing in any form will disqualify the tender.
20. All tenders shall be addressed to:  
**The Member Secretary,  
Maharashtra Pollution Control Board, Kalpataru Point, 3<sup>rd</sup>& 4<sup>th</sup>  
Floor, Sion Matunga Scheme Road No.8, Opp. Sion Circle.  
Sion (East), Mumbai - 400 022, Tel No. 24010437, 24086916.**
21. Earnest Money of the unsuccessful bidder will be refunded without any interest after the tender is finalized or within one month whichever is earliest and that of successful bidder will be refunded without any interest after 3 months of the finalization tender or can be readjusted as a security deposit, on their request.
22. Successful bidder shall deliver the goods at the doorstep at Central Laboratory, Navi Mumbai and Regional Laboratories at Thane, Chiplun, Pune, Nashik, Aurangabad, Nagpur, Chandrapur and or any other place as mentioned in purchase order. (**Annexure-IV**)

23. Successful bidder will have to supply Laboratory Chemicals at rate finalized, during the year 2021-2024. Successful bidder or his authorized local agents / dealers as mentioned in tender document have to supply the Chemicals immediately after receipt of purchase orders.
24. The bidder shall mention the rates for supply of goods as per specification during the Period 2021 – 2024, which shall be fixed during the year, irrespective of rise in cost of raw material.
25. The rates shall be binding upon the successful bidder, if the successful bidder is unable to supply particular goods within specific time period and at accepted rates Board is free to purchase the same goods from open market and the difference in cost of the particular goods will be deducted from the security deposit amount.
26. The successful bidder shall deposit **Rs. 80,000 as** a security deposit for **Chemical** in the form of D.D. drawn in favour of **Maharashtra Pollution Control Board** which will be refundable, without interest, after the successful completion of the contract period.
27. Successful bidder after accepting the ARC order fails to supply quality Chemicals during the contract period as per the contract awarded for the items to be supply under ARC such manufacture/supplier shall be rejected from the ARC contract and his EMD and Security deposit shall be forfeited.
28. If successful bidder fails to supply the materials as per the ARC awarded, MPCB will purchase same from second lowest or form the open market. The difference in the cost or the entire cost such purchase shall be recovered from the successful bidder.
29. Manufacturer / Supplier having record of supply of impure, substandard materials under ARC in the past to MPCB are not qualified to quote for this e-Tender.
30. This e-Tender is open for 1 type of Items (Chemicals) to be supplied under ARC, The price bid of Technically qualified bids shall only be opened.
31. In case of any dispute, the Mumbai is the jurisdiction.

**Date:**

**Place:**

**(Name & Seal & Signature of Bidder)**

# Maharashtra Pollution Control Board

## Schedule- I

### PRE-QUALIFICATIONCRITERIA

Following Signed & Sealed documents should be submitted:

1. Undertaking of having manufacturer along with address of manufacturing activity. In case of foreign manufacturers, Indian counterpart shall enclose Authority letter from their principal.
2. List of Govt./Semi Govt. Institutions, Universities etc. having supplied laboratory **Chemicals**. Enclose Photocopies of Annual rate contract for last two years. Total Annual supply should not be less than **Rs.10.0 Lacs**.
3. The intending bidder will have to submit earnest money deposit (EMD) of **Rs. 20,000/-** In the form of pay order / Demand Draft of a nationalized bank drawn in favour of "**Maharashtra Pollution Control Board**" with a validity of six months after the date of issue of this tender. A tender which is not accompanied by earnest money will not be considered.
4. Certified copies of S.T., Excise Registration No, PAN No., GST No.
5. Bidders shall give undertaking as per enclosed format at schedule –II.
6. List of authorized distributor suppliers in Maharashtra with detailed address, contact number and e-mail ID, jurisdiction of supply shall be enclosed.

**Date :**

**(Signature of Supplier)**

**Place:**

**(Name &Designation)**

# MAHARASHTRA POLLUTION CONTROL BOARD

## Application form

### Schedule - II

(To Be Filled by the Manufacture or his distributor enclose authority letter of Principal manufacture in case of imported goods)

- 1) Name and full address of Bidder Including telegraphic address / e-mail / Telephone No. and Fax No.
- 2) Name and designation of the Head of The Firm/Supplier and his Tele. No. / Fax / Email
- 3) (i) In case the supplier is located out of Mumbai, his contact address/ authorized distributors or agents address in Mumbai, if any.  
(ii) Name, designation, address Telephone No. E-Mail of the authorized person who may be contacted during the process of the purchase concerned under this document (applicable for all the suppliers)
- 4) Tender Document Fees :Rs.5000/- Yes No
- 5) Earnest Money Deposited :Rs. 20000/- Yes No
- 6) Whether the Tender conditions are: Yes No acceptable in full. (Reply Yes or No)
- 7) **Enclose authenticity letter of Principal Manufacturer.**
- 8) Income Tax, **PAN** No., STCC /GST No./ Excise Registration Certificate Attached (Latest) (Reply Yes or No)

**9)** Enclose list containing Name, Address, Fax, Telephone No. E-mail of your authorized dealer / agents in Maharashtra who will supply the laboratory consumables (Chemicals.) at Mumbai, Navi Mumbai, Thane, Nashik, Pune, A 'bad, Nagpur, Chiplun and Chandrapur.

**10)** Documents to be submitted / enclosed

- i) Sealed Document containing prequalification criteria of bidder for the supply of laboratory chemicals duly signed, (Schedule -I)
- ii) Acceptance of General Terms & conditions duly signed as per Schedule -II
- iii) Sealed Price bid: (Annexure – I)  
Chemicals - Annexure-I (Duly signed)

**Place:**

**Date:**

**(Name& Seal & Signature of Bidder)**

**Schedule –III**  
**UNDERTAKING**

Date:-

Tender Notice No. MPCB/ C. Lab/ARC-Chemical/e-Tender/..... Dt. / /

**To,**  
**The Member Secretary**  
Maharashtra Pollution Control Board  
Kalpataru Point, 3<sup>RD</sup> Floor,  
SionMatunga Scheme Road No.8, opp. Sion Circle  
Sion, (East) Mumbai 400 022

Sir,

Having examined the conditions of Tender Documents and specifications of the materials, the receipt of which is hereby acknowledged, we the undersigned offer to supply, deliver the following:

<b>Sr. No.</b>	<b>Particulars</b>	<b>Make / Manufacturer Name</b>
<b>1</b>	<b>Chemicals</b>	

(Bidder my enclose catalog / additional pages if necessary)

The above supply, with the specification and conditions of supply will be as per the rates quoted in this tender. We undertake, if our offer is accepted to deliver the items quoted by us. We shall deliver quality items as per tender specifications within stipulated time period of tender / Purchase order (PO).

We agree to abide by these tender conditions, and it shall remain binding upon us.

Date.                      Day of                      2021.

**Signature of authorized person  
with stamp & full address**



# Maharashtra Pollution Control Board

## Schedule – IV

### Technical Specification

**1. Chemical**:- Free from Impurities, Analytical reagents grade (AR Grade) *required for NABL Certified Laboratories.*

**MAHARASHTRA POLLUTION CONTROL BOARD**  
**Central Laboratory, Navi Mumbai**  
**Annexure-I**

**PRICE SCHEDULE**

**Note: Commercial Offer has to be entered online only. An Online Form, similar to the Commercial form at given below, will be available to the bidders in Commercial Envelope(C1) during Online Bid Preparation stage where bidders would quote their offer.**

Sr. No.	Name of the Chemical.	Packing	Price (in Rs.) (After deducting discount if any)	Item wise taxes (GST) applicable (%)	Total (Rs.)
1	Ammonium Ferrous Sulphate	500 gm			
2	Ammonium Hydroxide	500 gm			
3	1 Naptholbenzein Indicator	5gm.			
4	1-10 Phenanthroline	5gm			
5	1-5- Diphenyl Carbazide	25gm.			
6	4-Amino - 2 - Antipyrine	25gm.			
7	Acetic Acid Glacial	500ml			
8	Acetone AR and HPLC grade	500ml			
9	Agar Agar	500 gm			
10	Aluminum Ammonium Sulphate	500gm			
11	Ammonium Acetate	500 gm			
12	Ammonium Chloride	500 gm			
13	Ammonium Molybdate	100 gm			
14	Ammonium Solution SP.GR.0.91	500ml			
15	Ammonium Sulphate	500gm			
16	1 - Amino - 2 - Naphtha - 4 - Sulphonic Acid	25gm			
17	Aerosol OT	25gm			
18	Acacia gum	500gm			
19	Acetonitrile HPLC Grade	2.5 Lit			
20	Accetonitrile	500 ml			
21	L - Ascorbic Acid	250 gm.			
22	Barium Chloride	500 gm			
23	Barium Hydroxide Octahydrate	500 gm			
24	Benzene Crystalizable	500ml.			
25	Bispyrazolone	5gm			
26	Boric Acid Powder	500 gm			
27	Bromine Water	25m l			

Sr. No.	Name of the Chemical	Packing	Price (in Rs.) (After deducting discount if any)	Item wise Taxes (GST) applicable (%)	Total (Rs.)
28	Bromocresol Green indicator solution	125ml			
29	Bromothymol Blue indicator solution	125 ml			
30	Buffer Tablet pH - 4.0	10 Tablet			
31	Buffer Tablet pH - 7.0	10 Tablet			
32	Buffer Tablet pH - 9.2	10 Tablet			
33	Buffer Tablet pH -10.0	10 Tablet			
34	Butanol	500ml.			
35	Barbituric Acid	500gm			
36	Benzene HPLC Grade	500ml.			
37	Calcium Carbonate Precipitated	500 gm			
38	Calcium Chloride	500 gm			
39	Chloroamine - T	25gm			
40	Calcium Hypo chloride	500ml			
41	Cadmium Sulphate	250 gm			
42	Carbon Tetra-Chloride	500ml			
43	Carbon-di-sulphide	500ml			
44	Carmine	5gm			
45	Charcoal Activated Powder	500 gm			
46	Chloroform	2.5 Lit			
47	Citric Acid Monohydrate	500 gm			
48	Copper Sulphate	500gm			
49	Cyclohexane	2.5 Lit			
50	Cyclohexane	500 ml			
51	D-Glucose EP	500 gm			
52	Di Sodium Hydrogen Orthophosphate	500gm			
53	Diethyl Ether	500ml			
54	Di-Potassium Hydrogen Orthophosphate	500gm			
55	Di-octyl - Sodium Sulfosuccinate	500gm.			
56	Dipicolinic Acid	500 gm			
57	EDT A (Di-sodium Salt)	100 gm			
58	Ethyl Acetate	500ml			

59	Ethyl Alcohol	500ml			
60	Eriochrome Black T	100 gm			
61	Ethyl Benzene	500ml			
62	Ferric Chloride	500 gm			
63	Formaldehyde soln.	500ml			
64	Ferrous Sulphate	500gm			
65	Ferric Sulphate	500gm			
66	Glycerol	500ml			
67	Hexane	2.5 Lit.			
68	Hexane PRA Grade	2.5 Lit.			
69	Hydrochloric Acid	500ml			
70	Hydrogen Peroxide	500ml.			
71	Hydroxylamine Hydrochloride	100 gm			
72	Hydrazine Sulphate	500 gm			
73	Hexamethylenetetramine	500 gm			
74	Iso - Octane ( Extra pure for PCB analysis)	1 Lit.			
75	Iso Propyl Alcohol	2.5 Lit.			
76	ISO Propanol Grade	2.5 Lit.			
77	Iodine	100gm			
78	Iso-octane	500 ml			
79	Iso-octane (Extra pure)	500 ml			
80	Karl fisher reagent (Five +)	500ml			
81	L Glutamic Acid	500gm.			
82	Lab Clean ( For Glassware washing)	500 gm			
83	Litmus Paper Red / Blue	-			
84	Linear alkyl benzene sulphonate (Sodium)	500 gm			
85	Liquid Phenol (>98%)	250 ml			
86	Magnesium Chloride	500 gm			
87	Magnesium Sulphate	500 gm			
88	Manganese Chloride	500 gm			

89	Mercuric Chloride	250 gm			
90	Mercuric Iodide (Red)	100 gm			
91	Mercuric Sulphate	250gm			
92	Methanol	2.5 Ltr.			
93	Methanol S.P. Dried	500 ml.			
94	Methylene Chloride	2.5 Ltr.			
95	Methylene Chloride PRA Grade	2.5 Ltr.			
96	Methyl Orange	125ml			
97	Methyl Red	125 gm			
98	Mureoxide Indicator	25 gm.			
99	Methanol HPLC Grade	1 Lit.			
100	Methylene Blue	25gm			
101	3 - Methyl - 1 - Phenyl - 2 - Pyrazolin - 5 - One	100gm			
102	NEDA (N-NaphthylEthylenediamine Di Hydro chloride)	25gm			
103	N-Butanol	500ml.			
104	Nitric Acid	500ml			
105	NN-Dimethyl P-PhenyleneDiammine Oxalate	10gm.			
106	NN-Dimethyl P-PhenyleneDiammine Dihydrochloride	25 gm			
107	N-Hexane HPLC Grade	1. Lit			
108	N-1 Naphthyl Ethylene DimaineDihydrochloride (NEDA) for air	100 gm			
109	Oxalic Acid	500gm			
110	Ortho Phosphoric Acid	500ml			
111	pH roll (Merck or equivalent): Range 1 to 14, Range 1 to 10 (Merck or equivalent)	Rolls			
112	Petroleum Jelly ( White)	500 gm			
113	Phenol	500ml			
114	Phenolphthalein Solution	125 ml.			
115	Potassium Bromide	500 gm.			
116	Potassium Chloride	500 gm			
117	Potassium dichromate	500 gm			

118	Potassium Di-Hydrogen Ortho Phosphate	500 gm			
119	Potassium Ferry Cyanide	500 gm			
120	Potassium Hydroxide	500 gm			
121	Potassium Hydrogen Phthalate	500 gm.			
122	Phosphate Buffer	100 ml			
123	Potassium Iodide	250 gm			
124	Pararosaniline Hydrochloride (Fluka Make)	5gm.			
125	Potassium Sulphate	500 gm			
126	Pyridine	500ml			
127	Potassium Iodate	250 gm			
128	Potassium Cyanide	100gm			
129	Perchloric Acid	500ml			
130	Potassium Per Sulphate	500 gm			
131	Phenol Di-Sulphonic Acid	500ml			
132	Potassium Per manganate	500 gm			
133	Potassium Nitrate	500gm			
134	Potassium Chromate	500 gm			
135	Potassium Chromate (K <sub>2</sub> CrO <sub>4</sub> )	100 gm			
136	Pararosaline for air	100 gm			
137	Salicylic Acid	500 gm			
138	Silver Di-ethyl Di- ThioCarbamate	100 gm			
139	Silver Nitrate	25gm.			
140	Silver Sulphate	25gm.			
141	Sodium Acetate	500 gm			
142	Sodium Azide	100 gm			
143	Sodium Carbonate Anhydrous	500 gm			
144	Sodium Chloride	500gm			
145	Sodium Fluoride	500gm.			
146	Sodium Hydrogen Carbonate	500 gm.			
147	Sodium Hydroxide	500 gm			
148	Sodium Meta Silicate	500 gm.			
149	Sodium Nitrite	500gm			

150	Sodium Sulphate	500 gm			
151	Sodium Sulphide	500gm			
152	Sodium Sulphite	500gm			
153	Sodium Thio-Sulphate	500 gm			
154	Sodium Tetra-Borate	500 gm			
155	SPANDS	5gm			
156	Stannous Chloride	100 gm.			
157	Starch Soluble	500 gm			
158	Sulphamic Acid	500gm			
159	Sulphuric Acid	2.5 Lit.			
160	Sodium Arsenite	500 gm			
161	Sodium Borohydride	500 gm			
162	Silica Gel (60-120 mesh)	500 gm			
163	Sodium Persulphate	500 gm			
164	Sodium Meta bi sulphite	500 gm			
165	Sodium Phosphate Monobasic monohydrate	500gm			
166	Sodium SulphideTrihydrate	500gm			
167	Sodium dihydrogen orthophosphate	500gm			
168	Sodium Hypochlorite	500gm			
169	Sodium Potassium Tartarate	500gm			
170	Sodium nitroprusside	500gm			
171	Sulphanilamide for air	250 gm			
172	Sodium Bi-Carbonate	100 gm			
173	Tartaric acid	100 gm			
174	Turbidity standard				
175	Toluene HPLC Grade	1 Lit.			
176	Thomoklin	500mi			
177	Toluene	1 lit			
178	Trisodium Citrate	500gm			
179	Universal Indicator Solution	125 ml			
180	Water HPLC Grade	1 Lit.			
181	Xylene	500ml			

182	Zinc Powder (Dust)	500 gm			
183	Zirconyl Chloride (8H <sub>2</sub> O)	500gm			
<b>Chemicals Required for Microbiology Section</b>					
184	Lauryl Sulphate Broth	500 gm.			
185	MacConkey Broth (Double strength)	500gm.			
186	MacConkey Broth (Single strength)	500 gm.			
187	MugEC Broth	500 gm.			
188	MacConkey Agar	500 gm.			
189	MFC Agar	500 gm.			
190	XLD Agar	500 gm.			
191	TCBS Agar	500 gm.			
192	Centrimide Agar	500 gm.			
193	M-Enterococcus Agar	500 gm.			
194	Rosalie Acid (Contg. 5 Vials)	01 No.Box			
195	M-7 hr FC Agar	500 gm.			
196	Endo Agar	500 gm.			
197	EMB Agar	500 gm.			
198	Brilliant Green Lactose Broth	500 gm.			
199	Glucose Phosphate Broth	500 gm.			
200	Peptone Water	500 gm.			
201	Simmons Citrate Agar	500 gm.			
202	Kovac's Indol Reagent	100 ml.			
203	Alpha Naphthylamine Solution	100ml.			
204	Methyl Red Indicator	125ml.			
205	Barritt Reagent A	100 ml.			
206	Barritt Reagent B	100ml.			
207	Yeast Extract Powder	500gm			
208	Lauryl Tryptose Broth	500 gm			
209	Brilliant green bile broth	500 gm			
210	Nutrient Agar	500 gm			
211	EC Broth	500 gm			



212	Azide Dextrose Broth	500 gm			
213	Bile Esculine Agar	500 gm			
214	Gram's Stain Kit	-			
215	Cedar Wood Oil for Oil immersion (microscope)	-			

**Note:** -1) Kindly mention the percentage of discount available if any on catalog prize and also enclose copy of catalog.

2) Bidders are requested to give information in PDF format as well as in excel format.

**Place:**

**Date :**

**(Name& Seal & Signature of Bidder)**

## Certified Reference Materials

Sr. No.	CRM required with traceability & uncertainty value & expiry date	Packing	Price (in Rs.) (After deducting discount if any)	Item wise Taxes (GST) applicable (%)	Total (Rs.)
1	Buffers tablets/Capsule	pH 7.0, 4.0; 9.2			
2	Boric Acid (H3BO3) CRM	100 gms			
3	Suspended Solids Standard	10 ppm & 100 ppm			
4	Total Dissolved Solids Standard	10 ppm & 100 ppm			
5	Potassium Hydrogen Pthalate	100 gms			
6	Potassium Dichromate	500 gms			
7	Glucose Glutamic Acid	100 gms			
8	Oil & Grease Standard	100 ml			
9	Sodium Chloride	100 gms			
10	Sodium Nitrite	100 gms			
11	Sodium Sulphate	100 gms			
12	Potassium Dihydrogen Phosphate	100 gms			
13	Na Solution 1000 ppm - Standard	100 ml			
14	K Solution 1000 ppm - Standard	100 ml			
15	Potassium Chlorides	100 gms			
16	Calcium Carbonate	100 gms			
17	Sodium Hydroxide	100 gms			
18	Concentrated Sulfuric Acid	500 ml			
18	<b>Metal Standard</b>				
I.	<b>Standard Solution of Respective metals of 1000.0 ppm each.</b> (Sigma Aldrich / Merck/LGC)  (Copper, Cadmium, Nickel, Zinc, Lead, Iron, Maganese, Total Chromium, Cobalt, Mercury, Hexavalent Chromium, Arsenic).	100 ml each			
II.					
III.					
IV.					
V.					
VI.					
VII.					
VIII.					
IX.					
X.					

19	Potassium Dichromate	100 gms			
20	ICP Standards	1 ml / 1 gm			
21	PCB Standards <b>(Sigma Aldrich/Restek/Merck/LGC)</b>	1 ml / 1 gm			
22	PAH Standards <b>(Sigma Aldrich/Restek/Merck/LGC)</b>	1 ml / 1 gm			
23	Pesticides Standards <b>(Sigma Aldrich/Restek/Merck/LGC)</b>	1 ml / 1 gm			
24	AAS Standards <b>(Sigma Aldrich/Restek/Merck/LGC)</b>	1 ml / 1 gm			
25	VOC Standards <b>(Sigma Aldrich/Restek/Merck/LGC)</b>	1 ml / 1 gm			
26	Turbidity Standard GEL (Turbidity Range 0 to 4000 NTU)	100 ml			
27	Sodium Sulfite	500 gm			
28	Sodium Thiosulphate	500 gm			
29	Standard Iodine Solution	500 ml			
30	Sodium Nitrate	500 gm			
31	Sodium Tetra-Borate	500 gm			

**Annexure -IV**

## List of name and address of the board's Laboratory

Sr. No.	Name of the Region	Address	Telephone No.	Fax No.	Email
1	Central Laboratory, Navi Mumbai.	Central Laboratory, Maharashtra Pollution Control Board, "Nirmal Bhavan", P-3, MIDC Industrial Area, Mahape, Navi Mumbai- 400 701.	(022) 67195031 67195032	(022) 27780683	<a href="mailto:icclab@mpcb.gov.in">icclab@mpcb.gov.in</a> <a href="mailto:mpcbclab@mpcb.gov.in">mpcbclab@mpcb.gov.in</a>
2	Regional Laboratory, Pune.	Regional Laboratory, Maharashtra Pollution Control Board, Jog Centre, 3 <sup>rd</sup> Floor, Mumbai Pune Road, Wakdewadi, Pune- 411 003.	(020) 25811698	(020) 25811698	sopunelab@mpcb.gov.in
3	Regional Laboratory, Nagpur.	Regional Laboratory, Maharashtra Pollution Control Board, Udyog Bhavan, Civil Lines, Nagpur -440 001	(0712) 2557231	(0712) 2560851	ssonagpurlab@mpcb.gov.in
4	Regional Laboratory, Aurangabad.	Regional Laboratory, Maharashtra Pollution Control Board, A-4/1, Paryavaran Bhavan, Behind Dhoot Hospital, Chikalthana MIDC Aurangabad -431 006	(0240) 2473461	(0240) 2473463	soaurangabadlab@mpcb.gov.in
5	Regional Laboratory, Thane.	Regional Laboratory, Maharashtra Pollution Control Board, Office Complex Building, 5th Floor, Wagle Industrial Estate, Thane-400 601	020 25820423	(020) 25805398	sothanelab@mpcb.gov.in
6	Regional Laboratory, Chiplun.	Regional Laboratory, Maharashtra Pollution Control Board, Parkar Complex, 1st Floor, Behind Nagar Parishad, Chiplun, Dist. Ratnagiri - 415 605	(02355) 261970	(02355) 261970	sochiplunlab@mpcb.gov.in
7	Regional Laboratory, Nashik.	Regional Laboratory, Maharashtra Pollution Control Board, Udyog Bhavan, Satpur MIDC, Near ITI, Nashik- 422 007.	(0253) 2362820	(0253) 2362820	sonashiklab@mpcb.gov.in
8	Regional Laboratory, Chandrapur.	Regional Laboratory, Maharashtra Pollution Control Board, 2 <sup>nd</sup> floor Mahavir Tower, Mul Road. Chandrapur - 442 402	(0712) 2531907/ 2526672	(0712) 2526672	sochandrapurlab@mpcb.gov.in

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