

e-Tender Document

For

Supply of Filter Papers

**Tender No.:- MPCB/C.Lab/ARC-Filter Papers/
e-Tender/2019-20**



Maharashtra Pollution Control Board

**Kalpataru Point, 3rd& 4thFloor,SionMatunga Scheme Road No.8
Opp.SionCircle,Sion (East), Mumbai-400 022**

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

Price: Rs.5000/-

(Non Refundable)

(2019-2020)

Maharashtra Pollution Control Board

Kalpataru Point, 3rd&4thFloor, SionMatunga Scheme Road No.8,

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

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

e-Tender for Supply of Laboratory Filter Papers.

Sr. No.	<u>Contents</u>	<u>Page No.</u>
1)	Tender Notice	03 - 03
2)	Tender Time Schedule	04 - 04
3)	Instructions to Bidders	05 - 07
4)	List of documents to be uploaded	08 - 08
5)	Commercial Bid submission	09 - 11
6)	General Terms & Conditions	12- 14
7)	Pre Qualification Criteria (Schedule - I)	15 - 15
8)	Application Form(Schedule - II)	16 - 17
9)	Undertaking (Schedule - III)	18 - 18
10)	Technical Specification (Schedule - IV)	19 - 19
11)	List of Filter Papers	
	a) List of Filter Papers (Annexure - III)	20 - 20
	d) List of names and Address of the Board's Laboratories (Annexure – IV)	21 - 21
12)	Blank Page	22-22
	Total No. of Pages	22 Pages

3.



Maharashtra Pollution Control Board

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

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

Tender Notice

1). Tender NoticeDetails

Tender Reference no.	MPCB/C.Lab/ARC/e-Tender/2019-20,Dt..29.08.2019
Name of Work / Item	PURCHASE OF FILTER PAPERS UNDER ANNUAL RATE CONTRACT (ARC).
Cost of blank tender document & Mode of Payment	Rs. 5000/- (Rupees Five thousand Only) (Non Refundable) to be paid through Online Payment Modes i.e. Net Banking, Debit Card and Credit Card during Tender Document Download Stage.
EMD Amount & Mode of Payment	Rs. 20,000/- (Rupees twenty thousand Only) to be paid through Online Payment Modes i.e. Net Banking, Debit Card, Credit Card and NEFT/RTGS during Bid Preparation Stage.
Date ,Time and Place of Pre Bid Meeting	Dt: 05/09/2019 at 11: 00 a.m. MPCB, Conference Hall, Kalpataru Point, 4 th Floor, Sion Matunga Scheme Road No.8,Opp. Sion Circle. Sion (East), Mumbai - 400 022
Venue of online opening of tender	MPCB, Conference Hall, Kalpataru Point, 4 th Floor, Sion Matunga Scheme Road No.8,Opp. Sion Circle. Sion (East), Mumbai - 400 022
Address for Communication	Member Secretary MPC Board, Kalpataru Point, 4 th Floor, Sion Matunga Scheme Road No.8,Opp. Sion Circle. Sion (East), Mumbai - 400 022
Contact Telephone & Fax Numbers	022-267195012,67195033, 67195036 022-27780684 Email- icclab@mpcb.gov.in
e-Tendering Helpline Support: Monday to Friday - 09:00 AM - 08:00 PM Saturday - 09:00 AM - 06:00 PM	Telephone: 020 - 3018 7500 Email: support.gom@nextenders.com

2) e-TENDER TIME SCHEDULE

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:

Sr. No.	Activity	Performed by	Start		Expiry		Duration
			Date	Time	Date	Time	
1	<i>Release of Tender</i>	<i>Department</i>	<i>29.08.2019</i>	<i>11:00</i>	<i>29.08.2019</i>	<i>17:00</i>	<i>1 day</i>
2	<i>Tender Download</i>	<i>Bidders</i>	<i>29.08.2019</i>	<i>11:00</i>	<i>15.09.2019</i>	<i>17:00</i>	<i>17 days</i>
3	<i>Bid Preparation</i>						
4	<i>Superhash Generation & Bid Lock</i>	<i>Department</i>	<i>16.09.2019</i>	<i>11:00</i>	<i>16.09.2019</i>	<i>13:00</i>	<i>1 day</i>
5	<i>Control Transfer of Bid</i>	<i>Bidders</i>	<i>16.09.2019</i>	<i>13:01</i>	<i>17.09.2019</i>	<i>17:00</i>	<i>2 day</i>
6	<i>Envelope 1 Opening</i>	<i>Department</i>	<i>23.09.2019</i>	<i>15:00</i>	<i>23.09.2019</i>	<i>17:00</i>	<i>1 day</i>
7	<i>Envelope 2 Opening</i>		<i>03.10.2019</i>	<i>11:00</i>	<i>03.10.2019</i>	<i>13:00</i>	<i>1 day</i>

**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. INSTRUCTIONSTO BIDDERS

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 for this Tender and subsequently purchase the Tender Document and its supporting documents, kindly visit following e-Tendering website of **Government of Maharashtra**:
<https://maharashtra.etenders.in>

The Contractors participating first time for e-Tenders on GoM e-tendering portal will have to complete the Online Registration Process for the e-Tendering portal. A link for enrollment of new bidders has been provided on <https://maharashtra.etenders.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.

e-Tendering Tool Kit for Bidders (detailed Help documents, designed for bidders) has been provided on e-Tendering website 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 such as **Net Banking, Debit Card and Credit Card** 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 modes of payment such as **Net Banking, Debit Card, Credit Card and NEFT/RTGS** during **Bid Preparation stage**. This payment will not be accepted by the department through any offline modes such as Cash, Cheque or Demand Draft.

The interested contractors / bidders will have to make online payment (using credit card/debit card/net banking) of Rs. **1054/-** (inclusive of all taxes) per bid per tender to online service provider of e-Tendering system (SifyNexTenders) at the time of entering **Online Bid Submission** stage of the tender schedule.

If any assistance is required regarding e-Tendering (registration / upload / download) please contact GoM e-Tendering Help Desk on number: **020 – 3018 7500 (Pune Helpline)**, Email: support.gom@nextenders.com

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:

4.1) The tender document is uploaded / released on Government of Maharashtra, (GOM) e-tendering website <https://maharashtra.etenders.in>. Tender document and supporting documents may be purchased and downloaded from following link of **Organizations of Government of Maharashtra** on e-Tendering website of Government of Maharashtra, <https://allgom.maharashtra.etenders.in> by making payment through **Online Payment Modes i.e. Net Banking, Debit Card and Credit Card**.

4.2) 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.

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

4.4) subsequently, bid has to be prepared and submitted online ONLY as per the schedule.

4.5) The Tender form will be available online only. Tender forms will not be sold / issued manually from **Maharashtra Pollution Control Board (MPCB)** office.

4.6) The bidders are required to download the tender document within the pre-scribed 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

Both the Bids (Technical as well as Commercial) shall have to be prepared and subsequently submitted online only. Bids not submitted online will not be entertained.

6. Online Bid Preparation

6.1) EARNEST MONEY DEPOSIT (EMD)

Bidders are required to pay Earnest Money Deposit (if applicable) through Online Payment modes i.e. **Net Banking, Debit Card, Credit Card and NEFT/RTGS** during Bid Preparation Stage.

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

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.

In case EMD is mandatory to all the bidders for a tender, offers made without EMD shall be rejected.

In Bid Preparation stage, bidders get access to Online Technical and Commercial Envelopes where they require uploading documents related to technical eligibility criteria and quote commercial offer for the work / item in respective online envelopes.

7). TECHNICAL BID

Following documents should be uploaded in Online Technical Envelope (T1) in PDF format, if required can be zipped as well and then uploaded during **Online Bid Preparation stage**.

The list of documents for Technical Envelope is as follows:

Sr. No.	List of Documents	Compulsory (C) / Additional (A)
	Pre-Qualification Documents to be submitted as per schedule – I:	
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	C
2	List of Govt./Semi Govt. Institutions, Universities etc. having supplied Laboratory Filter Papers . Enclose Photocopies of Annual rate contract for last two years. Total Annual supply should not be less than Rs.10 Lacs .	C
3	Details as per Schedule-II	C
4	Certified copies of Excise Registration No, PAN No., GST No.	C
5	Bidders shall give undertaking as per enclosed format at schedule – III .	
6	List of authorized distributor suppliers in Maharashtra with detailed address, Contact number and e-mail ID, jurisdiction of supply shall be uploaded.	C
	Technical Specification as per schedule - IV:	
7	Filter Papers: Quantitative (Whatman paper or Equivalent to Whatman paper): Statement of Specification compilation with deviation, if any to the items mention at a,b,c,d,e,f and g of Schedule – III of Technical specification.	C

Note:1) C indicates compulsory documents to be uploaded in PDF format.

2) Catalogs and other supporting documents of above items should also be submitted in original at the time of technical bid opening.

8) COMMERCIAL BID

All commercial offers must be prepared online (An online form will be provided for this purpose in Online Commercial Envelope (C1), during **Online Bid Preparation** stage).

Any bidder should not quote his offer anywhere directly or indirectly in Technical Envelope (T1), failing which the Commercial Envelope (C1) shall not be opened and his tender shall stand rejected.

Note: During Online Bid Preparation stage, bidders are allowed to make any changes or modifications in the bid data uploaded by them in Technical (T1) as well as Commercial (C1) envelope.

Towards the end of Bid Preparation, once verification of EMD payment is successful, bidder completes the Bid Preparation stage by generating the Hash Values for T1 and C1. Post this, system won't allow him/her to make any further changes or modifications in the bid data.

9) Online Bid Submission

In this stage, bidders who have successfully completed their Bid Preparation stage are required to transfer the data, already uploaded by them during Bid Preparation stage, from their custody to department's custody.

Note: During this stage, bidders won't have any capability to make any kind of changes or editing into technical as well as commercial data.

10) 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, Debit Card, Credit Card and NEFT/RTGS** 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, 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 pre-scribed schedule without which the tender will not be submitted.

Interested contractors / bidders will have to make online payment (using credit card/debit card/net banking/Cash Card) of Rs. **1054/-** (inclusive of all taxes) per bid per tender to online service provider of e-Tendering system (SifyNexTenders) at the time of commencing **Online Bid Submission** stage of the tender schedule.

Non-payment of processing fees will result in non-submission of the tender and Department will not be responsible if the tenderer is not able to submit their offer due to non- payment of processing fees to the e-tendering agency.

Detailed list of different modes of online payment to e-tendering service provider (**E-Payment Options**) has been provided under **E-Tendering Toolkit for Bidders** section of **<https://maharashtra.etenders.in>**.

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 e-tendering portal of the Govt. of Maharashtra. The tenderer will not be communicated separately regarding the amendment.

11) 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 it's 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.

12) TECHNICAL ENVELOPE (T1):

First of all, Technical Envelope of the tenderer will be opened online through e-Tendering procedure to verify its contents as per requirements.

At the time of opening of technical bid the tenderer should bring all the original documents that have been uploaded in the Online Technical Envelope (T1) so that same can be verified at the time of opening of technical bid.

If the tenderer fails to produce the original documents at the time of opening of technical bid then the decision of the committee taken on the basis of document uploaded will be final and binding on the tenderer.

If the various documents contained in this envelope do not meet the requirements, a note will be recorded accordingly by the tender opening authority and the said tenderer's Commercial Envelope will not be considered for further action but the same will be recorded.

Decision of the tender opening authority shall be final in this regard.

The right to accept or reject any or all tenders in part or whole without assigning any reason thereof is reserved with Tender Opening Authority and his decision(s) on the matter will be final and binding to all.

The commercial bids shall not be opened till the completion of evaluation of technical bids.

The commercial Bids of only technically qualified Bidders as mentioned above will be opened.

13) COMMERCIAL ENVELOPE (C1):

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

14) Final List of Commercial Documents to be uploaded Online:

The following documents related to commercial envelope should be uploaded by the bidders in the form of PDF Files in the same order as mentioned below, on the e-Tendering website during **Online Bid Preparation** stage.

Sr. No.	List of Documents	Compulsory (C) / Additional (A)
1	List of Filter papers along with price details as per Annexure - III	C
2	List of Name and address of Board Laboratory Annexure - IV	A

Note:1) All above documents should be uploaded in PDF format and the price schedule (**Annexure – III**) should be uploaded in excel format as well.

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 Filter Papers are enclosed at **Annexure I**. Bidders are requested to state the discount available on the original catalog price for the period (i.e.2019-20). The cost of each item shall be quoted after deducting the discount. Sales Tax, VAT, Excise Duty, Octroi, GST shall be paid at actuals 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 1 year i.e. 1stOctober, 2019 to 31stOctober, 2020 extendable up to 30th January, 2021 or mutually agreed time period.
10. Each folio of the tender document shall be signed by the bidder otherwise the bid will be treated as rejected.
11. The e-tender must be filled in English and all the entries must be made by hand written in ink or may be typed. If any of the document is missing, or unsigned tender will be considered invalid.
12. The prospective bidder shall have not been disqualified by the Maharashtra Pollution Control Board for any reason for specific period.
13. Prospective bidder shall have registered with NABL or any other Govt. organization for the quality of the product.
14. The price bid of only those bidders will be opened whose Pre-qualification Criteria (schedule - I) are found to be acceptable.
15. 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.

16. Bids received after due date and time mentioned in the tender notice shall not be accepted.
17. In no case hard copy of tender should be handed over to any employee of the Board.
18. Canvassing in any form will disqualify the tender.
19. All tenders shall be addressed to:

The Member Secretary,
Maharashtra Pollution Control Board, Kalpataru Point, 3rd& 4th Floor,
SionMatunga Scheme Road No.8, Opp. Sion Circle.
Sion (East), Mumbai - 400 022, Tel No. 24010437, 24086916.

20. 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.
21. Successful bidder shall deliver the goods at the door step 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)
22. Successful bidder will have to supply laboratory consumables at rate finalized, during the year 2019 - 2020. Successful bidder or his authorized local agents / dealers as mentioned in tender document have to supply the consumables (Filter Papers) immediately after receipt of purchase orders.
23. The bidder shall mention the rates for supply of goods as per specification during the period 2019 – 2020, which shall be fixed during the year, irrespective of rise in cost of raw material.
24. 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.
25. The successful bidder shall deposit Rs. 80,000 as a security deposit for (**Filter Papers**) 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.
26. Successful bidder after accepting the ARC order fails to supply quality Filter Papers 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.
27. 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.

28. 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.
29. This e-Tender is open for 1 type of Items (Filter Papers) to be supplied under ARC, The price bid of technically qualified bids shall only be opened.
30. In case of any dispute, the Mumbai is the jurisdiction.

Date:

Place:

(Name & Seal & Signature of Bidder)

Maharashtra Pollution Control Board

Schedule- I

PRE-QUALIFICATION CRITERIA

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 **Filter Papers**. Enclose Photocopies of Annual rate contract for last two years. Total Annual supply should not be less than **Rs.10 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 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 /Excise Registration Certificate/ GST No. 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 (Filter Papers.) 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 consumables duly signed, (Schedule - I)

ii) Acceptance of General Terms & conditions duly signed as per Schedule - II

iii) Sealed Price bid: (Annexure – III)

Filter Papers - Annexure-III (Duly signed)

Place:

Date :

(Name& Seal & Signature of Bidder)

Schedule – III
UNDERTAKING

Date:-

TenderNoticeNo.MPCB/C. Lab/ARC-Filter Papers/e-Tender/..... Dt. / /

To,
The Member Secretary
Maharashtra Pollution Control Board
Kalpataru Point, 3RD 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:

Sr. No.	Particulars	Make / Manufacturer Name
1	Filter Papers	

(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 this tender conditions and it shall remain binding upon us.

Date. day of 2019.

Signature of authorized person)
With stamp & full address

Maharashtra Pollution Control Board

Schedule – IV

Technical Specification

1. Filter Papers:- (Whatman paper or Equivalent to Whatman paper)

a) Filter paper (Quantitative): (Whatman Grade No. 42, ash less or Equivalent to Whatman Grade No. 42, ash less)

Pore Size - 2.5 μ m. (Micrometer), Ash content - 0.007 % & Thickness - 0.20 mm. and weight - 100 g/m² with the finest particles retention of all cellulose filter typical analytical precipitates include Barium Sulphate, Metastannic Acid and finely precipitated calcium carbonate Ash less circles, 125 mm diameter.

(Box containing 100 No. Circle form paper)

b) Glass Micro Fiber Filter: (Whatman GF / A or Equivalent to Whatman GF / A)

Pore Size - 1.6 μ m. (micrometer), Thickness - 0.26 mm., Dry Tensile in gram 430., suitable for suspended solids in all types of water and effluent and filtration of particles in water, algae and bacterial culture. Circles 47 mm. diameter. (Box containing 100 No. Paper circles)

c) Qualitative Filter Paper: (Whatman Grade – 1 or Equivalent to Whatman Grade - 1)

Pore Size - 11 Micrometer, Ash content - 0.06 %, Thickness - 0.18 mm. Weight - 87 g/m², Filter paper qualitative 460 x 570 mm. Sheet.

(Box containing 100 rectangular sheets)

d) Glass Micro-fiber Extraction Thimbles:

(Whatman Grade HP - GF or Equivalent to Whatman Grade HP - GF)

High purity, internal diameter x External Length x 19 mm. x 90 mm, the Thimble should be free of binders or additives and can be used at temperatures up to 500^o C.

(Box containing 25 Thimbles) (To be used for Stack Monitoring)

e) Cellulose Extraction Thimbles: (Whatman or Equivalent to Whatman)

Internal diameter x external diameter 21 mm. X 90 mm. external length.

(Box containing 25 nos. thimbles) (To be used for Stack Monitoring)

f) Glass Micro-fiber Filters - Sheets: (Whatman or Equivalent to Whatman 203 x 254 mm.)

(Box containing 100 sheets) To be used for Ambient Air monitoring

g) PTFE Membrane Filter: Whatman Equivalent 2 μ m PTFE 46.2 mm filter, PP ring supported for Pm 2.5.

MAHARASHTRA POLLUTION CONTROL BOARD
Central Laboratory, Navi Mumbai
Annexure-III

PRICE SCHEDULE

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

(Please refer Technical specification at Schedule – IV)

Name of the Item	Packing	Unit Price (in Rs.) (After deducting discount if any)	Item wise Taxes applicable (%)
a) Filter paper Qualitative Grade No. 42, 2.5 Micrometer, Ash Circles 25 mm. Diameter,	Box of 100 Papers		
b) Glass Micro Fiber Filter GF/ACircular, 1.6 Micrometer.. 47mm. Diameter.	Box of 100 Papers		
c) Qualitative (Equivalent to Whatman Grade - I) Filter paper, Qualitative 460 x 570 mm. Sheet	Box of 100 Rectangular Sheets		
d) Glass Micro Fiber Extraction Thimbles. (Equivalent to Whatman Grade - I) High Purity, Internal Diameter x External Length. 19 mm. x 90 mm.	Box of 25Thimbles		
e) Cellulose Extraction Thimbles, Internal diameter ExternalLength. 19 mm. x 90 mm. External Diameter 21 mm x 90 mm. External Length	Box of 25 Thimbles		
f) Glass Micro-fiber filters – Sheet 203 x 254 mm.	Box of 100 Sheets.		
g) Grade EPM 2000 Equivalent size to whatman GMF 203 x 254 mm.	Box of 100Sheets		
h) PTFE membrane filters 46.2 mm for PM 2.5 air monitoring	Box of 100Sheets		

Note:- Kindly mention the percentage of discount available if any on catalog price and also enclose copy of catalog

Place :

Date :

(Name & Seal & Signature of Bidder)

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, "NirmalBhavan", P-3, MIDC Industrial Area, Mahape, Navi Mumbai- 400 701.	(022) 67195031 67195032	(022) 27780683	icclab@mpcb.gov.in mpcblab@mpcb.gov.in
2	Regional Laboratory, Pune.	Regional Laboratory, Maharashtra Pollution Control Board, Jog Centre, 3rd Floor, Mumbai Pune Road, Wakdewadi, Pune- 411003.	(020) 25811698	(020) 25811698	sopunelab@mpcb.gov.in
3	Regional Laboratory, Nagpur	Regional Laboratory, Maharashtra Pollution Control Board, UdyogBhavan, Civil Lines, Nagpur.	(0712) 2557231	(0712) 2560851	ssonagpurlab@mpcb.gov.in
4	Regional Laboratory, Aurangabad.	Regional Laboratory, Maharashtra Pollution Control Board, A-4/1, ParyavaranBhavan, Behind Dhoot Hospital, Chikalthana MIDC Aurangabad.	(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, UdyogBhavan, 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 nd floor Mahavir Tower, Mul Road. Chandrapur- 442 402	(0712) 2531907/ 2526672	(0712) 2526672	sochandrapurlab@mpcb.gov.in

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