



HARYANA STATE POLLUTION CONTROL BOARD
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NOTICE INVITING E-TENDER

The global e-tender is hereby invited on behalf of Haryana State Pollution Control Board under **Two Bid System** for the following works to be carried out from the eligible parties as per details given below

The complete bidding document, fee details, technical specifications and key dates can be

Tender Ref. No.	HSPCB/e-tender/2018/AAQMS-I
Description of Item	Supply, installation, training and demonstration of 22 sets of Manual Ambient Air Quality Monitoring Stations (1 set includes a PM2.5 sampler and a PM10 Sampler) for cities, namely Mehandargarh, Bhiwani, Mewat, Rohtak, Sonipat, Rewari, Jhajjar, Panipat, Palwal , Jind and Karnal
Estimated Value	Rs 90,86,000/- (including GST)
Earnest Money	Rs 1,81,750/-
Tender Fee (Non-refundable)	Rs. 1000/-
e-service Fees (Non –refundable)	Rs. 1000/-
Start date and time of Bid preparation & submission on e-procurement portal	13.08.2018
Expiry date and time for Bid preparation & submission by bidders	12.09.2018(17:00)
Date and time of Tender Opening (Technical Bid Part-I)	14.09.2018
Date and time of Tender Opening (Financial Bid Part-II)	27.09.2018

viewed / downloaded from the web sites <https://haryanaeprocurement.gov.in> and www.hspcb.gov.in. Bid through any other mode shall not be entertained. Please note that Chairman, HSPCB reserves the right to accept or reject the tendering process at any stage without assigning any reason whatsoever.

Chairman
Haryana State Pollution Control Board

DETAIL NOTICE INVITING TENDER

e-Tender is invited for purchase of below mentioned items in single stage two cover system i.e. Request for Pre-Qualification/Technical Bid (online Bid under PQQ/ Technical Envelope) and Request for Financial Bid (comprising of price bid Proposal under online available Commercial Envelope):-

Sr. No	Description of work / Items	EMD to be deposited by Bidder	Tender Document Fee & eService Fee (Rs.)	Start Date & Time of Bid Preparation & Submission	Expiry Date & Time of Bid Preparation & Submission
1.	Supply, installation, training and demonstration of 22 sets of Munual Ambient Air Quality Monitoring Stations (1 set includes a PM2.5 sampler and a PM10 Sampler) for cities, namely Mehandergarh, Bhiwani, Mewat, Rohtak, Sonipat, Rewari, Jhajjar, Panipat, Palwal , Jind and Karnal	Rs 1,81,750/- (Rupees One lakh Eighty One Thousand Seven Hundred fifty only)	Tender Document Fees:Rs.1000/- & e- Service Fees - Rs.1000/-	13.08.2018 (9:00 Hrs)	12.09.2018 (17:00 Hrs)

Under this process, the Pre-qualification/ Technical online bid Application as well as online Price Bid shall be invited at single stage under two covers i.e. PQQ/Technical & Commercial Envelope. Eligibility and qualification of the Applicant will be first examined based on the details submitted online under first cover (PQQ or Technical) with respect to eligibility and qualification criteria prescribed in this e-Tender document. The Price Bid under the second cover shall be opened for only those Applicants whose PQQ/ Technical Applications are responsive to eligibility and qualifications requirements as per Tender document.

- The payment for Tender Document Fee and e-Service Fee shall be made by eligible bidders online directly through Debit Cards & Internet Banking Accounts and the payment for EMD can be made online directly through RTGS/NEFT available at the Single e-Procurement portal of GoH (Govt. of Haryana) and also mentioned under the Tender Document.**
- Intending bidders will be mandatorily required to online sign-up (create user account) on the website <https://haryanaeprocurement.gov.in> to be eligible to participate in the e-Tender. **He/She will be required to make online payment of Rs 1,81,750/- (Rupees one lakh Eighty One Thousand Seven Hundred Fifty only) towards EMD fee in due course of time. If the intended bidder fails to pay EMD fee under the stipulated time frame, the bidder shall not be allowed to submit his / her bids for the respective event / Tenders.**
- The interested bidders must remit the funds at least T+1 working day (Transaction day + One working Day) in advance i.e. **on or before** 10.09.2018, 17:00 Hrs **and make payment via**

RTGS /NEFT to the beneficiary account number specified under the online generated challan. The intended bidder / Agency thereafter will be able to successfully verify their payment online, and submit their bids on or before the expiry date & time of the respective events/Tenders at <https://haryanaeprocurement.gov.in>.

The interested bidders shall have to pay mandatorily e-Service fee (under document fee – Non refundable) of Rs.1000/- (Rupee One Thousand Only) online by using the service of secure electronic gateway. The secure electronic payments gateway is an online interface between bidders & online payment authorization networks.

The Payment for document fee/ e-Service fee can be made by eligible bidders online directly through Debit Cards & Internet Banking.

The Bidder can submit their tender documents (Online) as per the dates mentioned in the key dates:-

Key Dates

Sr. No.	Department Stage	Bidder's Stage	Start date and time	Expiry date and time
1		Tender Document Download and Bid Preparation/Submission	13.08.2018 (9:00 Hrs)	12.09.2018 (17:00 Hrs)
2	Technical Bid Opening		14.09.2018 (11:00 Hrs)	
3	Financial Bid Opening		27.09.2018 (11:00 Hrs)	

Important Note:

- 1) The Applicants/bidders have to complete 'Application / Bid Preparation & Submission' stage on scheduled time as mentioned above. If any Applicant / bidder failed to complete his / her aforesaid stage in the stipulated online time schedule for this stage, his / her Application/bid status will be considered as 'Applications / bids not submitted'.
- 2) Applicant/Bidder must confirm & check his/her Application/bid status after completion of his/her all activities for e-bidding.
- 3) Applicant/Bidder can rework on his/her bids even after completion of 'Application/Bid Preparation & submission stage' (Application/Bidder Stage), subject to the condition that the rework must take place during the stipulated time frame of the Applicant/Bidder Stage.
- 4) In the first instance, the online payment details of tender document fee + e-Service and EMD & PQQ/Technical Envelope shall be opened. Henceforth financial bid quoted against each of the

item by the shortlisted bidder/ Agency wherever required shall be opened online in the presence of such bidders/ Agency who either themselves or through their representatives choose to be present. The bidder can submit online their bids as per the dates mentioned in the schedule/Key Dates above.

The bids shall be submitted online in two separate envelopes:

Envelope 1: Technical Bid

The bidder shall upload the required eligibility & technical documents online in the Technical Bid.

Envelope 2: Commercial Bid

The bidder shall quote the prices in price bid format under Commercial Bid.

Instructions to bidder on Electronic Tendering System

These conditions will over-rule the conditions stated in the tender documents, wherever relevant and applicable.

1. **Registration of bidders on e-Procurement Portal:-**

All the bidders intending to participate in the tenders process online are required to get registered on the centralized e - Procurement Portal i.e. <https://haryanaeprocurement.gov.in>. Please visit the website for more details.

2. **Obtaining a Digital Certificate:**

2.1 The Bids submitted online should be encrypted and signed electronically with a Digital Certificate to establish the identity of the bidder bidding online. These Digital Certificates are issued by an Approved Certifying Authority, by the Controller of Certifying Authorities, Government of India.

2.2 A Digital Certificate is issued upon receipt of mandatory identity (i.e. Applicant's PAN Card) and Address proofs and verification form duly attested by the Bank Manager / Post Master / Gazetted Officer. Only upon the receipt of the required documents, a digital certificate can be issued. For more details please visit the website – <https://haryanaeprocurement.gov.in>.

2.3 The bidder may obtain Class-II or III digital signature certificate from any Certifying Authority or Sub-certifying Authority authorized by the Controller of Certifying Authorities or may obtain information and application format and documents required for the issue of digital certificate from.

2.4 The bidder must ensure that he/she comply by the online available important guidelines at the portal <https://haryanaeprocurement.gov.in> for Digital Signature Certificate (DSC) including the e-Token carrying DSCs.

2.5 Bid for a particular tender must be submitted online using the digital certificate (Encryption & Signing), which is used to encrypt and sign the data during the stage of bid preparation. In case, during the process of a particular tender, the user loses his digital certificate (due to virus attack, hardware problem, operating system or any other problem) he will not be

able to submit the bid online. Hence, the users are advised **to keep a backup of the certificate** and also keep the copies at safe place under proper security (for its use in case of emergencies).

2.6 In case of online tendering, if the digital certificate issued to the authorized user of a firm is used for signing and submitting a bid, it will be considered equivalent to a no-objection certificate /power of attorney / lawful authorization to that User. The firm has to authorize a specific individual through an authorization certificate signed by all partners to use the digital certificate as per Indian Information Technology Act 2000. Unless the certificates are revoked, it will be assumed to represent adequate authority of the user to bid on behalf of the firm in the department tenders as per Information Technology Act 2000. The digital signature of this authorized user will be binding on the firm.

2.7 In case of any change in the authorization, it shall be the responsibility of management / partners of the firm to inform the certifying authority about the change and to obtain the digital signatures of the new person / user on behalf of the firm / company. The procedure for application of a digital certificate however will remain the same for the new user.

2.8 The same procedure holds true for the authorized users in a private/Public limited company. In this case, the authorization certificate will have to be signed by the directors of the company.

3. Pre-requisites for online bidding:

In order to operate on the electronic tender management system, a user's machine is required to be set up. A help file on system setup/Pre-requisite can be obtained from Nextenders (India) Pvt. Ltd. or downloaded from the home page of the website - <https://haryanaeprocurement.gov.in>. The link for downloading required java applet & DC setup are also available on the Home page of the e-tendering Portal.

4 Online Viewing of Detailed Notice Inviting Tenders:

The bidder can view the detailed N.I.T and the time schedule (Key Dates) for all the tenders floated through the single portal e-procurement system on the Home Page at <https://haryanaeprocurement.gov.in>.

5 Download of Tender Document:

The tender document can be downloaded free of cost from the e-Procurement portal <https://haryanaeprocurement.gov.in>

6 Key Dates:

The bidders are strictly advised to follow dates and times as indicated in the online Notice Inviting Tenders. The date and time shall be binding on all bidders. All online activities are time tracked and the system enforces time locks that ensure that no activity or transaction can take place outside the start and end dates and the time of the stage as defined in the online Notice Inviting Tenders.

7 Online Payment of Tender Document Fee, eService fee , EMD fees & Bid Preparation & Submission (PQQ/ Technical & Commercial/Price Bid):

i) Online Payment of Tender Document Fee + e-Service fee:

The online payment for Tender document fee, eService Fee & EMD can be done using the secure electronic payment gateway. The Payment for Tender Document Fee and eService Fee shall be made by bidders/ Suppliers online directly through Debit Cards & Internet Banking Accounts and the Payment for EMD shall be made online directly through RTGS / NEFT. The secure electronic payments gateway is an online interface between contractors and Debit card / online payment authorization networks.

ii) Preparation & Submission Of online Applications / Bids:

Detailed Tender document may be downloaded from e-procurement website (<https://haryanaeprocurement.gov.in>) and tender mandatorily be submitted online.

Scan copies of Documents to be submitted/uploaded for Prequalification or Technical bid under online PQQ/ Technical Envelope: The required documents (refer to DNIT) shall be prepared and scanned in different file formats (in PDF /JPEG/MS WORD format such that file size is not exceed more than 10 MB) and uploaded during the on-line submission of PQQ or Technical Envelope.

Financial or Price Bid Proposal shall be submitted mandatorily online under Commercial Envelope and original not to be submitted manually)

8. Assistance to the Bidders:-

- a) **Technical Support Assistance will be available between 09:00 am To 5:30 pm from Monday to Friday -0172-2582008, 2582009. Office will remain closed on Saturday, Sunday and National Holidays.**
- b) **Important Note:-** All queries would require to be registered at our official email-chandigarh@nextenders.com for on-time support. (Only those queries which are sent through email along with appropriate screenshots or error description will be considered as registered with the Help-desk). Contact our helpdesk on or before prior to 4 hours of the scheduled closing date & time of respective Tender event. For queries pertaining to ePayment of EMD, please contact the helpdesk at least 2 business days prior to the closing date & time of Tender event. **Help-desk support will remain closed during lunch break i.e. from 1:30 PM up to 2:15 PM on each working day.**

Office Address for Training workshop on 1st, 2nd Wednesday (from 3:30 pm up to 5:00 pm) of each month

Nextenders India Pvt.Ltd Municipal Corporation Faridabad Near B.K.Chowk, Opp. B.K.Hospital NIT, Faridabad Contact for Training +91-9310335475	Nextenders India Pvt.Ltd Public Health Division No 2 Hisar, Model Town, Opp. N.D Gupta Hospital, Hisar Contact for Training +91-9034357793	Nextenders (India) Pvt. Ltd. Nirman Sadan (PWD B&R) Plot No.- 01, Basement, Dakshin Marg, Sec- 33 A, Chandigarh -160020 Contact for Training -0172-2582008,2009
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Help Desk contact details for Saturday and Sunday are as under for escalation Level-1

1.Mr.Lalit Saini – 9034357793

Email – Chandigarh@nextenders.com

Timings- 9:00 am to 5:30 pm

2.Mr. Tinku Singh-9310335475

Email – Chandigarh@nextenders.com

Timings-9:00 am to 5:30 pm

NOTE:- Bidders participating in online tenders shall check the validity of his/her Digital Signature Certificate before participating in the online Tenders at the portal <https://haryanaeprocurement.gov.in>.

For help manual please refer to the 'Home Page' of the e-Procurement website at <https://haryanaeprocurement.gov.in>, and click on the available link 'How to...?' to download the file.

Guideline for Online Payments in e-tendering

Post registration, bidder shall proceed for bidding by using both his digital certificates (one each for encryption and signing). Bidder shall proceed to select the tender he is interested in. On the respective Department's page in the e-tendering portal, the Bidder would have following options to make payment for tender document & EMD:

- A. Debit Card
- B. Net Banking
- C. RTGS/NEFT

Operative Procedures for Bidder Payments

A) Debit Card

The procedure for paying through Debit Card will be as follows.

- (i) Bidder selects Debit Card option in e-Procurement portal.
- (ii) The e-Procurement portal displays the amount and the card charges to be paid by bidder. The portal also displays the total amount to be paid by the bidder.
- (iii) Bidder clicks on "Continue" button
- (iv) The e-Procurement portal takes the bidder to Debit Card payment gateway screen.
- (v) Bidder enters card credentials and confirms payment
- (vi) The gateway verifies the credentials and confirms with "successful" or "failure" message, which is confirmed back to e-Procurement portal.
- (vii) The page is automatically routed back to e-Procurement portal
- (viii) The status of the payment is displayed as "successful" in e-Procurement portal. The e-Procurement portal also generates a receipt for all successful transactions. The bidder can take a print out of the same.
- (ix) The e-Procurement portal allows Bidder to process another payment attempt in case payments are not successful for previous attempt.

B) Net Banking

The procedure for paying through Net Banking will be as follows.

- (i) Bidder selects Net Banking option in e-Procurement portal.

- (ii) The e-Procurement portal displays the amount to be paid by bidder.
- (iii) Bidder clicks on “Continue” button
- (iv) The e-Procurement portal takes the bidder to Net Banking payment gateway screen displaying list of Banks
- (v) Bidder chooses his / her Bank
- (vi) The Net Banking gateway redirects Bidder to the Net Banking page of the selected Bank
- (vii) Bidder enters his account credentials and confirms payment
- (viii) The Bank verifies the credentials and confirms with “successful” or “failure” message to the Net Banking gateway which is confirmed back to e-Procurement portal.
- (ix) The page is automatically routed back to e-Procurement portal
- (x) The status of the payment is displayed as “successful” in e-Procurement portal.

The e-Procurement portal also generates a receipt for all successful transactions. The bidder can take a print out of the same. (xi) The e-Procurement portal allows Bidder to process another payment attempt in case payments are not successful for previous attempt.

C) RTGS/ NEFT

The bidder shall have the option to make the EMD payment via RTGS/ NEFT. Using this module, bidder would be able to pay from their existing Bank account through RTGS/NEFT. This would offer a wide reach for more than 90,000 bank branches and would enable the bidder to make the payment from almost any bank branch across India.

i. Bidder shall log into the client e-procurement portal using user id and password as per existing process and selects the RTGS/NEFT payment option.

ii. Upon doing so, the e-procurement portal shall generate a pre-filled challan. The challan will have all the details that is required by the bidder to make RTGS-NEFT payment.

iii. Each challan shall therefore include the following details that will be pre-populated:

- Beneficiary account no: (unique alphanumeric code for e-tendering)
- Beneficiary IFSC Code:
- Amount:
- Beneficiary bank branch:
- Beneficiary name:

iv. The Bidder shall be required to take a print of this challan and make the RTGS/NEFT on the basis of the details printed on the challan.

v. The bidder would remit the funds at least T + 1 day (Transaction + One day) in advance to the last day and make the payment via RTGS / NEFT to the beneficiary account number as mentioned in the challan.

vi. Post making the payment, the bidder would login to the e-Tendering portal and go to the payment page. On clicking the RTGS / NEFT mode of payment, there would be a link for real time validation. On clicking the same, system would do auto validation of the payment made.

Sr no.	Scenario	Do's / Don't's
1	In the event of making Payment through NEFT/RTGS	<p>Do's</p> <ul style="list-style-type: none"> • It is the bidder's responsibility to ensure that RTGS/NEFT payments are made to the exact details as mentioned in the challan which are: <ol style="list-style-type: none"> 1) Beneficiary account no: <client code> + <random number> 2) Beneficiary IFSC Code: As prescribed by ICICI Bank (this shall remain same across all tenders) 3) Amount: As mentioned on the challan. It is specific for every tender/transaction 4) Beneficiary bank branch: ICICI Bank Ltd, CMS 5) Beneficiary name: As per the challan • For every tender, details in the challan are different and specific to that tender only. Bidder should not make use of a challan for making payment for another tenders' EMD • It is advised that all the bidders make payment via RTGS/NEFT at least one day in advance to the last day of tender submission as certain amount of time is required for settlement and various parties are involved. The payment may not be available for the bidder validation. In such cases bidder may not be able to submit the tender • Bidder has to make only single payment against a challan as per the amount mentioned on the challan. • Bidder must do the payment before tender validity gets expired <p>Don't's</p> <ul style="list-style-type: none"> • Bidder should not enter erroneous details while filling the NEFT/RTGS form at their bank. The following possibilities may arise: <ol style="list-style-type: none"> 1) Incorrect IFSC code mentioned:- Transaction would be rejected and the amount would be refunded back in to the bidders account 2) Incorrect Beneficiary account number mentioned(<client code> + <random number>):- <ol style="list-style-type: none"> a) In case, the beneficiary account number mentioned is incorrect the transaction would be rejected and the bid would not be accepted. 3) Incorrect Amount mentioned: The amount would be rejected if the amount mentioned in while making the payment is incorrect. Such cases will be captured as unreconciled transactions and will be auto-refunded directly to bidder's account. In the event of any discrepancy, payment would not be considered and bidder would not be allowed to bid/ participate. • Bidder is not supposed to use challan generated in one tender for payment against another tender since details in the challan are unique to the tender and bidder combination. • Bidder must not make multiple or split payments against a particular challan. Any split payment received against the same challan will be refunded back to the bidder. • Bidder would not be entitled to claim that he is deprived of participating in the tender because his funds are blocked with the division on account of incorrect payment made by the bidder.

E-TENDER DOCUMENT

**COMPETITIVE BIDDING
FOR
SUPPLY, INSTALLATION, TRAINING AND DEMONSTRATION OF 22
SETS OF MANUAL AMBIENT AIR QUALITY MONITORING STATIONS
(1 SET INCLUDES A PM2.5 SAMPLER AND A PM10 SAMPLER)**



**Haryana State Pollution Control Board
C-11 Sector-06, Panchkula
Website: hspcb.gov.in & Email ID: hspcbho@gmail.com**

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01. Terms & Conditions

1. **Haryana State Pollution Control Board invites** online Bids for supply, installation, training and demonstration of 22 sets of Manual Ambient Air Quality Monitoring Stations (1 set includes a PM 2.5 sampler and a PM10 Sampler) for cities, namely Mehandergarh, Bhiwani, Mewat, Rohtak, Sonipat, Rewari, Jhajjar, Panipat, Palwal , Jind and Karnal. Sampling Equipment (PM2.5 sampler and PM10 Sampler) be supplied as per specifications given in the Annexure V to VI attached to the Tender Document. All offers should be made in English and should be written in both figures and words. Tender forms can be downloaded from the e-procurement Portal of Govt. of Haryana (<https://haryanaprocurement.gov.in> & HSPCB website hspcb.gov.in .
2. The bidders are requested to read the tender document carefully and ensure compliance with all specifications/instructions herein. Non-compliance with specifications/instructions in this document may disqualify the bidders from the tender exercise. The Chairman, Haryana State Pollution Control Board reserves the right to select the item (in single or multiple units) or to reject any quotation wholly or partly without assigning any reason. Incomplete tenders, amendments and additions to tender after opening or late tenders are liable to be ignored and rejected.

CRITICAL DATE SHEET

Published Date	10.08.2018
Start date and time of Bid preparation & submission on e-procurement portal	13.08.2018
Expiry date and time for Bid preparation & submission by bidders	12.09.2018(17:00)
Date and time of Tender Opening (Technical Bid Part-I)	14.09.2018
Date and time of Tender Opening (Financial Bid Part-II)	27.09.2018

Preparation and submission of bids:

3. There are various search options built in the State Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender publishing on the State Portal.
4. Bidder should take into account any corrigendum published on the tender document before submitting their bids.
5. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents – including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

6. The Tender shall be submitted online on <https://haryanaprocurement.gov.in> in two parts viz. Technical Bid and Financial Bid. In the Technical Bids, the bidders are required to upload all the documents in **.pdf** format. All quotation (both Technical and Financial should be submitted in the e-procurement portal).
7. Possession of a Valid Class I/II Digital Signature Certificate (DSC) in the form of smart card/e-token in the company's name is a prerequisite for registration and participating in the bid submission activities through <https://haryanaprocurement.gov.in>. Digital Signature Certificates can be obtained from the authorized certifying agencies, details of which are available in the web site <https://haryanaprocurement.gov.in> under the link "Information about DSC".
8. The Bidder shall enter a price or rate against equipments through online only and as per **Annexure-I**.

Bid Form

- The Bid Price to be quoted by the Bidder shall be prepared on the official letter head of the respective Bidder according to the Annexure-I without any alteration or change and uploaded the document on tender site at <https://haryanaeprocurement.gov.in>.
 - The Bid Price shall be quoted for performing the Contract strictly in accordance with the Technical Specifications.
 - The Bid Price quoted by the Bidder shall be firm during the Bidder's performance of the Contract and not subject to variation on any account.
 - A Bid Price submitted with an adjustable price will be treated as non-responsive and will be rejected
9. The tender will be rejected straightway without assigning any reasons if the firm involves in any criminal cases, declared black-listed by any Govt./Semi govt. department/agencies etc.
 10. All the firms participating in the Tender must attach a list of their owners/ partners etc. and a Certificate to the effect that the firm is neither blacklisted by any Govt. Department nor any Criminal Case is registered against the firm or its owner or partners anywhere in India be attached with technical bid.
 11. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule.
 12. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
 13. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
 14. Detailed Tender documents may be downloaded from e-procurement website (<https://haryanaeprocurement.gov.in>) and tender mandatorily be submitted online.

15. **Scan copy of Documents to be submitted/uploaded for Prequalification (like, compliance sheet, OEM/Principal Certificate etc.) or Technical bid under online PQQ/ Technical Envelope:** The required documents (refer to DNIT) shall be prepared and scanned in different file formats (in PDF /JPEG/MS WORD format such that file size is not exceed more than 10 MB) and uploaded during the on-line submission of PQQ or Technical Envelope.
FINANCIAL or Price Bid PROPOSAL shall be submitted mandatorily online under Commercial Envelope and original not to be submitted manually
16. Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
17. Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
18. The bidder who have earlier supplied the equipment to any of the Ministries/ Govt. Department/Public Sector Undertaking/Scientific Institute of National Repute may only tender. The details of such institutions and the cost with name of equipment may also be supplied with the bids.
19. The Technical and Financial bids should be submitted online through portal <https://haryanaprocurement.gov.in> in original. The financial bid should include the cost of main equipment/item and its accessories. If there is any separate cost for installation etc. that should be quoted separately.
20. Each bidder should mark the tender reference on the top of bids submitted online:
21. The printed literature and catalogue/brochure giving full technical details should be included with the technical bid to verify the specifications quoted in the tender. The bidders should submit copies of suitable documents in support of their reputation, credentials and past performance in **.pdf** format.
22. The rates should be quoted in figures (typed or printed) and cutting should be avoided. The final amount should be in figures as well as in words. If there are cuttings, they should be duly initialled, failing which the bids are liable to be rejected.
23. Any bids received after last date of Tender Submission shall not be considered.
24. Financial Bids of those bidders who are declared technically qualified will only be opened.
25. While sending rates, the firm shall give an undertaking to the effect that “the terms/conditions mentioned in the enquiry letter/Tender Notice against which the rates are being given are acceptable to the firm.”. In case the firms do not give this undertaking, their rates will not be considered.
26. For an item, bids of either the principal manufacturer or the authorized agent will only be accepted. Bid of the bidder quoting on behalf of two manufacturers of same product will be rejected.

27. In this tender either the Indian Agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product. If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal / OEM in the same tender for the same item/product. The Supplier/ authorized Indian agent/Authorised Representative should have minimum two years' continuous agency /partnership/joint venture/participation or collaboration with their principal foreign Supplier/OEM. The documentary proof of such agency ship /authorization/MOU should be submitted along-with the technical part. The bid of the firm does not contain the proof of such nomination/authorization as Indian agent/authorized representative will be rejected.
28. The bidder should provide a complete list of spares and consumables required for 10 (ten) years for trouble free operation and maintenance of the equipment and a certificate to be given by manufacturer that spare parts will be made available for at least ten years. A price list of such spare parts also be given.
29. The bidder should be profitable in last 2 financial years and annual turnover should be minimum 2 crore in each of these financial years.
30. The bidder should have executed at least 2 orders of more than 20 lakh in last 5 years for similar equipments.
31. The equipment for which Tenders are invited will have to be supplied the equipments within period of 60 days from the date of opening Letter of Credit (LC).
32. The after sales service is most important to be considered for comparison of the bids. Bid of those firms who do not have sufficient infrastructure facilities to provide after sales service during warranty period will not be considered.
33. The quantity shown against the item is approximate and may vary as per demand of the Institute at the time of placing order.
34. The tenders will be received online through portal <https://haryanaprocurement.gov.in> .All tender documents received after the specified date and time shall not be considered.
35. In the event of any dispute or difference(s) between the vendee Institute (Haryana State Pollution Control Board) and the Supplier arising out of non-supply of material or supplies not found according to specifications or any other cause whatsoever relating to the supply or purchase order before or after the supply has been executed, determination, abandonment or breach of the contract shall be referred to a sole arbitrator appointed by the Chairman, HSPCB. The decision of the sole arbitrator shall be final and binding on both the parties. It will not be an objection to any such appointment that the arbitrators are the government servant and had any interest in the board or the contract entered into directly or indirectly. In all cases, the arbitrator shall state their decision in writing. The arbitrator shall give reasons for award. Subject as previously mentioned, the provisions of the Arbitration and Conciliation Act, 1996 or any statutory modification or re-enactment thereof and the rules made there under and for the time being in force shall apply to the arbitration proceeding under this clause.
36. The place of arbitration and the language to be used in arbitral proceedings shall be decided by the arbitrator.
37. The courts in Haryana shall have exclusive jurisdiction to adjudicate the disputes.

38. All tenders in which any of the prescribed conditions is not fulfilled or any condition is put forth by the tender shall be summarily rejected.
39. The bidders or their authorized representatives may also be present during the opening of the Technical Bid, if they desire so, at their own expenses.
40. Price bids of only those bidders will be opened whose technical bids are found qualified by the committee constituted by Chairman, Haryana State Pollution Control Board for the purpose.
- 41. Clarifications:**

In case the bidders require any clarification regarding the tender document, they are requested to submit their queries on the e-mail i.e. hspcbho@gmail.com Answers of the queries will be uploaded online on e-procurement portal after pre-bid meeting.
42. in case of pre bid meeting, Only two authorized representative will be allowed to attend the meeting. They should also bring Letter-Head of the firm with an undertaking that any decision/negotiation taken by them would be accepted by firm.
43. Only two representatives will be allowed to attend the pre-bid meeting on behalf of tendering firm. The representatives, who are deputed to attend the meeting, should be bearing an authority letter, whose specimen signatures should have attested by the firm's authorized signatory having seal of the firm.
44. The legible scanned copy of latest receipt/return in respect of Sales Tax/VAT/GST deposited with Sales Tax/VAT/GST department in the language of English/Hindi must be attached with technical bid. The latest deposit receipt/return of Sales Tax/VAT/GST should be of previous financial year showing therein that the tax is deposited up to 31 March 2018 or for the subsequent period in the current financial year.
45. The online payment for Tender document fee, e-Service Fee & EMD can be done using the secure electronic payment gateway (Rs. 1000/- tender documents fee and Rs. 1000/- for e-service fees). The Payment for Tender Document Fee and eService Fee shall be made by bidders/ Suppliers online directly through Debit Cards & Internet Banking Accounts and the Payment for EMD shall be made online directly through RTGS / NEFT. The secure electronic payments gateway is an online interface between contractors and Debit card / online payment authorization networks
46. At any time prior to the deadline for submission of the Bid, the Board, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, may modify the Bidding Documents by amendment.
47. All prospective Bidders should take in to the account amendment (if any) published on haryanaprocurement.gov.in and same will be binding on them. The Owner will bear no responsibility or liability arising out of non-receipt of the same in time or otherwise.

48. In order to allow prospective Bidders reasonable time in which to take amendment into account in preparing their Bids, the Board at its discretion may extend the deadline for submission of the Bid.

49. **Earnest Money Deposit (EMD):**

Intending bidders will be mandatorily required to online sign-up (create user account) on the website <https://haryanaeprocurement.gov.in> to be eligible to participate in the e-Tender. He / She will be required to make online payment of Rs 1,81,750/- (Rupees one lakh Eighty One thousand Seven Hundred Fifty only) towards EMD fee in due course of time. The intended bidder fails to pay EMD fee under the stipulated time frame shall not be allowed to submit his / her bids for the respective event / Tenders. The bidders should enclose a pre-receipted bill for the EMD to enable us to return the EMD of unsuccessful bidders

50. **Pre – Qualification Criteria:**

- (i) The bidder should be profitable in last 2 financial years and annual turnover should be minimum 2 Crore in each of these financial years in the **performa enclosed as Annexure-VII.**
- (ii) The Bidder who have earlier supplied the equipment to any of the Ministries/Government Department/Public Sector Undertaking/Scientific Institute of National Repute may only tender. The details of such institutions and the cost with name of equipment may also be supplied with the bids **in the performa enclosed as Annexure-VIII.**
- (iii) The bidder should have executed at least 2 orders of more than 20 lakh in last 5 years for similar equipments in the **performa enclosed as Annexure-VIII.**
- (iv) Bidder should be the manufacturer / authorized dealer. Letter of Authorization from Original Equipment Manufacturer (OEM) on the same and specific to the tender should be submitted **in the performa enclosed as Annexure-X.**
- (v) An undertaking from the OEM is required stating that they would facilitate the bidder on a regular basis with technology/product updates and extend support for the warranty as well.
- (vi) OEM should be internationally/nationally reputed manufacturer/branded company.
- (vii) Non-compliance of tender terms, non-submission of required documents, lack of clarity of the specifications, contradiction between bidder specification and supporting documents etc. may lead to rejection of the bid.
- (viii) Furnishing of wrong/ambiguous information in the compliance statement may lead to rejection of bid and further black-listing of the bidder, if prima-facie it appears that the information in the compliance statement was given with a malafide / fraudulent intent.

51. Prices:

- (i) The rates should be quoted on FOR-destination basis only.
- (ii) The incidental expenses towards sending the equipments to the designated locations such as arranging transport, insurance, labour, etc. to be borne by the Supplier/their authorized Indian representative. The Indian agent/ their representatives should be responsible for the safety of the equipments during the transit to the designated locations.
- (iii) Bidder should clearly mention the final FOR Destination specified in Annexure-I, as applicable in their bid.

52. Validity:

The bid should be valid for acceptance up to a period of 180 Days with effect from the last date for submission of bids on e-Procurement portal of Govt. of Haryana. The Bidders should be ready to extend the validity, if required without any additional financial implications.

53. Inspection and Testing of equipments

The equipments are to be inspected and tested by a committee constituted by Chairman, HSPCB at manufacturer's site before delivery. The committee members shall submit their inspection report within 10 days from the date of opening of Letter of Credit(LC)

54. Delivery

The Equipment shall be delivered after obtaining the satisfactory report of the team and be installed within 60 days after opening of LC as per the provisions / conditions of the purchase order, unless otherwise prescribed. If the bidder fails to deliver the Equipments or perform the service by the specified date, penalty at the rate of 1% per week of the total order value subject to the maximum of 10% of total order value will be deducted.

55. Haryana State Pollution Control Board, in order to satisfy itself can order on the spot enquiry to verify the soundness & capability of the item and any other information given by the tendering firms.

56. The tendering firm will also submit an **undertaking** that the product offered by them is as per technical specifications of the tender.

57. Installation, Training & Demonstration:

Bidder need to provide adequate training to the nominated persons of Haryana State Pollution Control Board at their cost. Haryana State Pollution Control Board will not bear any training expenditure. The Supplier is required to provide demonstration of the equipment and training to the nominated persons **within one month** of arrival of materials at the site of installation, otherwise the penalty clause will be the same as per the supply of material.

58. **Warranty:**

Bidders must give the comprehensive on-site warranty of at least three years from the date of successful installation of Equipment and also give the warranty declaration that “everything to be supplied by us hereunder shall be free from all defects and faults in material, workmanship and shall be of the highest quality and material of the type ordered, shall be in full conformity with the specification and shall be complete enough to carry out the Ambient Air Quality sampling, as specified in the tender document.

59. Any deviation in the material, and the specifications from the accepted terms may liable to be rejected and the bidders need to supply all the goods in the specified form to the satisfaction/specifications specified in the order / contract and demonstrate at their own cost.
60. **Performance Bank Guarantee:** A performance bank guarantee from a scheduled bank in India for an amount equal to 10% of the award amount for duration of two months beyond the expiry of warranty period will be taken from the Supplier in proforma as provided at **Annexure-IX**.
61. **Terms of Payment:** Payment will generally be made only after delivery and satisfactory installation, depending upon the availability/release of funds by the Govt. and the agencies/contractors shall have no claim in case of delayed payment and no interest will be paid for the delayed payment.
- **On delivery:** Eighty (80) percent of the contract price shall be paid(through LC) on receipt of Goods and upon submission of the documents specified as per the tender document : and
 - **On final acceptance:** Balance twenty(20) percent of contract price of the equipment after submission of indemnity Bond by Supplier on account of injury or death of a person or damage to property and insurance for reason as specified in clause 67, 68 and satisfactory completion of installation, training, demonstration and successful operation of all the equipment.
62. **Tender expenses and documents:** All costs incurred by the bidder in the preparation of the tender shall be at the entire expense of the bidder.
63. **Tender Evaluation Criteria:** The technical bids will be opened and evaluated by a committee duly constituted by Chairman, Haryana State Pollution Control Board. After evaluation of the technical bid, the financial bid for only those offers which have qualified in the evaluation of technical bid will be opened. After examination of the technical bid and price bid, HSPCB will have discretion to award the contract to more than one firm, if their L-1 rates are same.
64. HSPCB reserves the right to relax any terms and conditions in the govt. interest with the approval of Competent Authority.
65. The tender documents should be duly signed in original and submitted in two separate envelopes- one having technical bid and the other having financial bid. Both these envelopes must be sealed by the firm.

66. **FORCE MAJEURE**

Supplier 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, frost, floods, riots and acts of usurped power. Only those causes which have a duration of more than 7 calendar days shall be considered cause of force majeure. A notification to this effect duly certified by the Local Chamber of Commerce/Statutory Authorities shall be given by the Supplier to the buyer by registered letter. In the event of delay due to such cases a length of time equal to the period of force majeure or at the option of the buyer, the order may be cancelled. Such cancellation would be without any liability whatsoever on the part of buyer. In the event of such cancellation the Supplier shall refund any amount advanced by the Purchaser and deliver back any material issued to him by the Purchaser and release facilities, if any, provided by the Purchaser.

INJURY AND DAMAGE

67. **Injury or Death of Persons**

The Supplier shall be liable for and shall indemnify the Board against any liability, loss claim or proceedings whatsoever arising under any statute or law in respect of personal injury death or any disability caused by the carrying out of the Works unless due to any act or neglect of the Board, or of any person for whom the Board is responsible.

68. **Damage to Property**

The Supplier shall be liable for and indemnify the Board against and insure and cause any Manufacturers and subcontractors to insure against any expense, liability, loss claim or proceedings in respect of any damage whatsoever to any real or personal property for any one occurrence in so far as such damage arises out of or in the course of or by reason of the carrying out of the Works and is due to any negligence, omission or default of the Supplier or any person for whom the Supplier is responsible or any Manufacturers and subcontractors or person whom the Manufacturers and subcontractors are responsible.

69. **ROYALTY AND PATENTS**

- (i) The Supplier shall pay all royalties and license fees for the use of any patented item, whether it may be an invention, method, arrangement, article, process or appliance used in connection with the performance of the Contract. The Supplier shall indemnify and save harmless the Board against any and all costs, damages and expenses of any nature or kind whatsoever which may arise out of or result from a claim by any person, firm or corporation that the manufacture, purchase, use or sale of any of the inventions, methods, arrangements, articles, processes or appliances used in connection with the performance of this Contract infringes any patent or such other rights. The Supplier shall, at the request of the Board, defend the Board against any suit brought to enforce any such claim at the Supplier's expense.
- (ii) In case any such patented item used on or in conjunction with the Works is in suit held to constitute an infringement of its use enjoined, the Supplier shall either secure for the Board the right to continue using the said item by suspension of the injunction, by procuring for the Board a license or otherwise, or will replace such items with a non-infringing item or modify it so that it becomes non-infringing or with the Board's approval remove the said enjoined item and refund to the Board the sums paid thereof.

70. **Return of EMD:**

- (i) The earnest money of unsuccessful bidders will be returned to them without any interest after awarding the contract.
- (ii) The earnest money of the successful bidder i.e Supplier will be returned to them after supply of material and submission of Bank Guarantee, without any interest after supply of material.

71. **Manual and documentation:** All the manuals necessary for operating and servicing the equipment (including details of electronic circuits) will have to be provided along with the equipment.

72. This call of tenders does not bind the Haryana State Pollution Control Board to place order. The Haryana State Pollution Control Board reserves the right to cancel the tender at any stage (point of time) without assigning any reason.

73. Bidders should go through the tender terms, conditions and specifications carefully and fill in the attached compliance statement accurately and unambiguously. They should ensure that all the required documents are furnished along with the bid.

74. **NOTE :-**

- **THE SELF ATTESTED & STAMPED SCANNED COPIES OF FOLLOWING DOCUMENTS REQUIRED TO BE ATTACHED WITH TECHNICAL BID:-**
- **Rs.1000/-** as tender Fee and Rs.1000/-e-service fees).
- E.M.D fees.
- Tax Registration Certificate.
- Copy of latest Tax deposit receipt.
- Technical specifications along-with literature/brochure of the quoted product.
- Tender Acceptance Letter.
- List of owners/partners/directors etc..
- Certificate for non-blacklisting of firm and non-registration of criminal case..
- Undertaking that the product offered by them is as per technical specifications of the tender.
- Undertaking for comprehensive warranty/guarantee for the period.
- Documents showing experience in supplies to Govt. Organizations.
- **PRICE BID:** - The price schedule will be uploaded **in proforma provided as Annexure-I** with the tender document.
- Last 3 financial year's annual turnover return **in proforma provided as Annexure-VII.**
- Copy of Last 2 orders of more than 20 lakh in last 5 years for similar equipments **in proforma provided as Annexure-VIII.**
- Letter of Authorization from OEM on same and specific to the tender should be enclosed **in proforma as provided as Annexure-X.**

75. **The offline financial bids will not be accepted. The option in the rates will not be entertained.**

**Member Secretary
Haryana State Pollution Control Board
C-11, Sector-6, Panchkula**

02. CHECKLIST FOR BID/TENDER SUBMISSION

(The following check-list must be filled in and submitted with the bid documents)

Pre-Qualification Bid

Sr No.	Particulars	Yes/No
1.	Have You made tender document fees of Rs.1000/- and e-service fees of Rs.1000/- ?	
2.	Have You deposited EMD fees as per requirements ?	
3.	Have You attached GST Registration Certificate ?	
4.	Have You attached Copy of latest Sales GST deposit receipt ?	
5.	Have You attached Technical specifications along with literature/brochure of the quoted product ?	
6.	Have You attached Tender Acceptance Letter ?	
7.	Have You attached List of owners/partners/directors etc ?	
8.	Have You attached Certificate for non-blacklisting of firm and non-registration of criminal case?	
09.	Have You attached Undertaking that the product offered is as per technical specifications of the tender ?	
10.	Have You attached Undertaking for comprehensive warranty / guarantee ?	
11.	Have you attached experience certificate for supplies to Govt Organisations (Pos/Experience Certificates/Performance Certificates etc) ?	
12.	Have you attached un-priced financial bid ?	
13.	Have you attached Last 2 financial years and annual turnover return ?	
14.	Have you attached copy of Last 2 orders of more than 20 lakh in last 5 years for similar equipments ?	
15.	Have you attached undertaking to the effect that the terms/conditions mentioned in the enquiry letter/Tender Notice against which the rates are being given are acceptable to the firm ?	
16.	Have you provided a complete list of spares and consumables required for 10 (ten) years for trouble free operation and maintenance of the equipment and a certificate to be given by manufacturer that spare parts will be made available for at least ten years. A price list of such spare parts also be given ?	
7	Have you attached undertaking that the product offered by them is as per technical specifications of the tender ?	
Price Bid		
	Have you signed and attached the priced bid form on e-Procurement portal of Govt. of Haryana ? Please note that the price bid will only be accepted online on e-Procurement portal of Govt. of Haryana. Sending the price bid with technical bid may lead to rejection of the bid.	

03. BID FORM

ANNEXURE - I

Details showing quantity and other details for the equipments offered (to be filled by the bidder and must be kept in "Price Bid" part of the Tender)

Sr. No	Name of the Equipment	Quantity	Rate per set A) Basic Price B) Tax (Specify Tax)	Total Amount FOR destination (Inclusive of the cost of Installation, training ,demonstration and GST etc to be mentioned).	Total Amount In words
1	Sets of PM 2.5 & PM 10 Sampler	22 sets of Manual Ambient Air Quality Monitoring Stations (1 set includes a PM2.5 sampler and a PM10 Sampler)			

NOTE:- If this sheet is not sufficient to accommodate the bid the additional sheets containing the same proforma but all such sheets including this one must be signed by the Bidder along with the seal. This Annexure must enclose in the Proforma Invoice price bid for item wise. Separate Bid form should be attached against each item, quoted for. All terms and conditions and any other information may also be given in this financial bid.

**Signature with date & stamp of the bidder / authorized Person,
Name with Stamp & full Address.**

04. UNDERTAKING

DATE _____

TENDER NOTICE NO _____

TO

THE MEMBER SECRETARY
HARYANA STATE POLLUTION CONTROL BOARD
C-11 SECTRO-6 PANCHKULA.

Sir,

Having examined the conditions of Tender Document and specifications of the equipments, the receipt of which is hereby acknowledged. We, the undersigned, offer to supply, delivery, successful installation, training and demonstration of the following:

- 1. 22 sets of Manual Ambient Air Quality Monitoring Stations (1 set includes a PM2.5 sampler and a PM10 Sampler).**

(Please add additional pages, if required).The above supply, installation & commissioning shall be in conformity with the specifications and conditions of supply.

We undertake if our bid is accepted to deliver the equipments quoted by us, we shall deliver and install within the period indicated by us in our offer. We also undertake that in case of our failure to deliver the item on specified time, appropriate penalty can be levied on us.

We agree to abide by this bid for a period of 180 days from the date fixed for Bid opening and it shall remain binding upon us and may be accepted at any time before expiration of that period.

We are submitting a EMD of Rs 1,81,750/- (Rupees One lakh Eighty One Thousand Seven Hundred Fifty only) through e-gateway of e-procurement portal of Government of Haryana towards the Earnest Money.

This Bid, together with your written acceptance thereof in your notification of award shall constitute a bidding contract between us.

We understood that you are not bound to accept the lowest or any bid you may receive.

Dated this.....day of.....2018

**Signature with date & stamp of the bidder / authorized Person,
Name with Stamp & full Address.**

05. SCHEDULE OF EARNEST MONEY

S. No.	Item Code	Equipment	Quantity Requirement	EMD (Rs.)
1.	ICB-01	Sets of PM 2.5 & PM 10 Sampler	22 sets of Manual Ambient Air Quality Monitoring Stations (1 set includes a PM2.5 sampler and a PM10 Sampler)	Rs 1,81,750/-

**Signature with date & stamp of the bidder / authorized Person,
Name with Stamp & full Address.**

06. PRE CONTRACT INTEGRITY PACT

General

This Contract Agreement (hereinafter called the Integrity Pact) is made onday of the month of2018, between, HSPCB, An autonomous body acting through Shri, Member Secretary, HSPCB hereinafter called the "BUYER", which expression shall mean and include, unless the context otherwise requires, his successors in office and assigns of the First Part and M/s..... represented by Shri....., Chief Executive Officer (hereinafter called the "BIDDER / SELLER" which expression shall mean and include, unless the context otherwise requires, his successors and permitted assigns) of the Second Part.

WHEREAS the BUYER proposes to procure (Name of the Stores/Equipment/Item) and the BIDDER/Seller is willing to offer/has offered the stores and

WHEREAS the BIDDER is a private company/public company/Government undertaking/partnership/registered export agency, constituted in accordance with the relevant law in the matter and the BUYER HSPCB work under the aegis of Environment & Forests, performing its functions as per the provisions of Water Act 1974, Air Act ,1981 and EPA Act, 1986.

NOW, THEREFORE,

To avoid all forms of corruption by following a system that is fair, transparent and free from any influence/prejudiced dealings prior to, during and subsequent to the currency of the contract to be entered into with a view to :-

Enabling the BUYER to obtain the desired said stores/equipment at a competitive price in conformity with the defined specifications by avoiding the high cost and the distortionary impact of corruption on public procurement, and

Enabling BIDDERS to abstain from bribing or indulging in any corrupt practice in order to secure the contract by providing assurance to them that their competitors will also abstain from bribing and other corrupt practices and the BUYER will commit to prevent corruption, in any form, by its officials by following transparent procedures.

The parties hereto hereby agree to enter into this Integrity Pact and agree as follows:

Commitments of the BUYER

- 1.1 The BUYER undertakes that no official of the BUYER, connected directly or indirectly with the contract, will demand, take a promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favour or any material or immaterial benefit or any other advantage from the BIDDER, either for themselves or for any person, organization or third party related to the contract in exchange for an advantage in the bidding process, bid evaluation, contracting or implementation process related to the contract.
- 1.2 The BUYER will, during the pre-contract stage, treat all BIDDERS alike, and will provide to all BIDDERS the same information and will not provide any such information to any particular BIDDER which could afford an advantage to that particular BIDDER in comparison to other BIDDERS.
- 1.3 All the officials of the BUYER will report to the appropriate Government office any attempted or completed breaches of the above commitments as well as any substantial suspicion of such a breach.
- 1.4 In case any such preceding misconduct on the part of such official(s) is reported by the BIDDER to the BUYER with full and verifiable facts and the same is prima facie found to be correct by the BUYER, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings may be initiated by the BUYER and such a

person shall be debarred from further dealings related to the contract process. In such a case while an inquiry is being conducted by the BUYER the proceedings under the contract would not be stalled.

Commitments of BIDDERS

2. The BIDDER commits itself to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of its bid or during any pre-contract stage in order to secure the contract or in furtherance to secure it and in particular commit itself to the following:-
 - 2.1 The BIDDER will not offer, directly or through intermediaries, any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the BUYER, connected directly or indirectly with the bidding process, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding, evaluation, contracting and implementation of the contract.
 - 2.2 The BIDDER further undertakes that it has not given, offered or promised to give, directly or indirectly any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the BUYER or otherwise in procuring the Contract or forbearing to do or having done any act in relation to the obtaining or execution of the contract or any other contract with the Government for showing or forbearing to show favour or disfavour to any person in relation to the contract or any other contract with the Government.
 - 2.3 BIDDERS shall disclose the name and address of agents and representatives and Indian BIDDERS shall disclose their foreign principals or associates.
 - 2.4 BIDDERS shall disclose the payments to be made by them to agents/brokers or any other intermediary, in connection with this bid/contract.
 - 2.5 The BIDDER further confirms and declares to the BUYER that the BIDDER is the original manufacture/integrator/authorized government sponsored export entity of the defence stores and has not engaged any individual or firm or company whether Indian or foreign to intercede, facilitate or in any way to recommend to the BUYER or any of its functionaries, whether officially or unofficially to the award of the contract to the BIDDER, nor has any amount been paid, promised or intended to be paid to any such individual, firm or company in respect of any such intercession, facilitation or recommendation.
 - 2.6 The BIDDER, either while presenting the bid or during pre-contract negotiations or before signing the contract, shall disclose any payments he has made, is committed to or intends to make to officials of the BUYER or their family members, agents, brokers or any other intermediaries in connection with the contract and the details of services agreed upon for such payments.
 - 2.7 The BIDDER will not collude with other parties interested in the contract to impair the transparency, fairness and progress of the bidding process, bid evaluation, contracting and implementation of the contract.
 - 2.8 The BIDDER will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.

- 2.9 The BIDDER shall not use improperly, for purposes of competition or personal gain, or pass on to others, any information provided by the BUYER as part of the business relationship, regarding plans, technical proposals and business details, including information contained in any electronic data carrier. The BIDDER also undertakes to exercise due and adequate care lest any such information is divulged.
- 2.10 The BIDDER commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.
- 2.11 The BIDDER shall not instigate or cause to instigate any third person to commit any of the actions mentioned above.
- 2.12 If the BIDDER or any employee of the BIDDER or any person action on behalf of the BIDDER, either directly or indirectly, is a relative of any of the officers of the BUYER, or alternatively, if any relative of an officer of the BUYER has financial interest/stake in the BIDDER's firm, the same shall be disclosed by the BIDDER at the time of filling of tender.
- 2.13 The BIDDER shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any employee of the BUYER.

3. Previous Transgression

- 3.1 The BIDDER declares that no previous transgression occurred in the last three years immediately before signing of this Integrity Pact, with any other company in any country in respect of any corrupt practices envisaged hereunder or with any Public Sector Enterprise in India or any Government Department in India that could justify BIDDER's exclusion from the tender process.
- 3.2 The BIDDER agrees that if it makes incorrect statement on this subject, BIDDER can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

4. Sanctions for Violations

- 4.1 Any breach of the aforesaid provisions by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER) shall entitle the BUYER to take all or any one of the following actions, wherever required:-
- (i) To immediately call off the pre-contract negotiations without assigning any reason or giving any compensation to the BIDDER. However, the proceedings with the other BIDDER (s) would continue.
 - (ii) The Earnest Money Deposit (in pre-contract stage) and/or Security Deposit/Performance Bond (after the contract is signed) shall stand forfeited either fully or partially, as decided by the BUYER and the BUYER shall not be required to assign any reason therefore.
 - (iii) To immediately cancel the contract, if already signed, without giving any compensation to the BIDDER.
 - (iv) To recover all sums already paid by the BUYER, and in case of an Indian BIDDER with interest thereon at 2% higher than the prevailing Prime Lending Rate of State Bank of India, while in case of a BIDDER from a country other

than India with interest thereon at 2% higher than the LIBOR. If any outstanding payment is due to the BIDDER from the BUYER in connection with any other contract for any other stores, such outstanding payment could also be utilized to recover the aforesaid sum and interest.

- (v) To encash the advance bank guarantee and performance bond/warranty bond, if furnished by the BIDDER, in order to recover the payments, already made by the BUYER, along with interest.
- (vi) To cancel all or any other Contracts with the BIDDER. The BIDDER shall be liable to pay compensation for any loss or damage to the BUYER resulting from such cancellation/rescission and the BUYER shall be entitled to deduct the amount so payable from the money (s) due to the BIDDER.
- (vii) To debar the BIDDER from participating in future bidding processes of the Government of India for a minimum period of five years, which may be further extended at the discretion of the BUYER.
- (viii) To recover all sums paid in violation of this Pact by BIDDER (s) to any middleman or agent or broker with a view to securing the contract.
- (ix) In cases where irrevocable Letters of Credit have been received in respect of any contract signed by the BUYER with the BIDDER, the same shall not be opened.
- (x) Forfeiture of Performance Bond in case of a decision by the BUYER to forfeit the same without assigning any reason for imposing sanction for violation of this Pact.

4.2 The BUYER will be entitled to take all or any of the actions mentioned at para 6.1 (i) to (x) of this Pact also on the Commission by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER), of an offence as defined in Chapter IX of the Indian Penal code, 1860 or Prevention of Corruption Act, 1988 or any other statute enacted for prevention of corruption.

4.3 The decision of the BUYER to the effect that a breach of the provisions of this Pact has been committed by the BIDDER shall be final and conclusive on the BIDDER. However, the BIDDER can approach the Independent Monitor (s) appointed for the purposes of this Pact.

5. **Fall Clause**

5.1 The BIDDER undertakes that it has not supplied/is not supplying similar product/systems or subsystems at a price lower than that offered in the present bid in respect of any other Ministry/Department of the Government of India or PSU and if it is found at any stage that similar product/systems or sub systems was supplied by the BIDDER to any other Ministry/Department of the Government of India or a PSU at a lower price, then that very price, with due allowance for elapsed time, will be applicable to the present case and the difference in the cost would be refunded by the BIDDER to the BUYER, if the contract has already been concluded.

6. **Facilitation of Investigation**
In case of any allegation of violation of any provisions of this Pact or payment of Commission, the BUYER or its agencies shall be entitled to examine all the documents including the Books of Accounts of the BIDDER and the BIDDER shall provide necessary information and documents in English and shall extend all possible help for the purpose of such examination.
7. **Law and Place of Jurisdiction**
This Pact is subject to Indian Law. The place of performance and jurisdiction is the seat/place of the BUYER.
8. **Other Legal Actions**
The actions stipulated in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.
09. **Validity**
 - 9.1 The validity of this Integrity Pact shall be from date of its signing and extend upto 5 years or the complete execution of the contract to the satisfaction of both the BUYER and the BIDDER/Seller, including warranty period, whichever is later. In case BIDDER is unsuccessful, this Integrity Pact shall expire after six months from the date of the signing of the contract.
 - 9.2 Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact shall remain valid. In this case, the parties will strive to come to an agreement to their original intentions.
10. The parties hereby sign the Integrity Pact aton.....

BUYER

BIDDER

**Member Secretary
Haryana State Pollution Control Board**

CHIEF EXECUTIVE OFFICER

Witness

Witness

1.....

1.....

2.....

2.....

07. TECHNICAL SPECIFICATIONS OF PM_{2.5} SAMPLER

Conforming to USEPA Manual Reference / Equivalent Method

Main Body	Hard Aluminium with Powder Coating, Sheet Thickness – 3 mm (Nalco / Hindalco / Sterlite make).
Door	3 mm Hard Aluminium sheet (Nalco / Hindalco make) with standard Door Lock and keys.
PM _{2.5} (WINS) Impactor	Hard Aluminium Casting with Hard Anodizing only
Elapsed time indicator	Up to 99.99 hours
Flow Rate	Fixed, 1m ³ /hour (16.7 LPM) controlled by Mass Flow Controller only
Size Selective inlets	Very Sharp Cut Cyclone / WINS impactor for PM _{2.5} Cut off
Impactor Assembly	The Sampler should be designed as per specifications of USEPA reference samplers approved as Federal Reference Method (FRM) as mentioned in appendix L of 40 CFR part 50 along with relevant data logging and retrieval system. The system should be designed in accordance with the drawings as published on USEPA website
Connectors	The connectors shall be push fit type with engraved groove for gaskets at male parts. Screw system for joints should be avoided.
Filter holder	Filter loading mechanism and filter holder assembly shall be designed in user friendly way and sufficient space must be provided to ensure proper handling of filter
Suction Pump Assembly	Suitable oil free suction pump for providing Fixed flow rate, 1m ³ /hour (16.7 LPM), with Rotary Vane Type Induction motor, 50 Hz, 0.75 KW, RPM – 1440, I/P Voltage – 220-240V, Running Current – 1.2 Amp from any reputed brand. The motor of suction pump should be almost noiseless/brushless having capacity to run for at least 28 hours continuously with VF Drive and Mass Flow Controller.
Flow Controller	VF Drive and Mass Flow Controller The software should have the capability to collect the flow data every 5 seconds and compare the sample data for deviation of more than 5% of set value (16.7 LPM) upto maximum 3 minutes. If the deviation more than 5% is observed within this period, the sampler will give an error message and shall be automatically stopped.
Flow Recorder	Flow Recorder should be Memory based, downloadable to computer through USB with manual display on screen. All the data should be retrievable through USB Pen Drive. The Equipment should have capability to store previous sampling data in memory.
Dry gas meter (Volume totalizer)	Calibrated volume totalizer capable to display instantaneous volume passed.
Temperature and Pressure Sensor	Ambient Temperature Sensor, Ambient Pressure Sensor, Filter Temperature Sensor, Filter Pressure Sensor should be provided to compensate for volumetric flow rate
Pressure drop Monitor	Pressure drop across the filter should be monitored during sampling and whenever it reaches above 200 mm of Hg the sampler should stop automatically with an error message.

Height of the Inlet	The height of the inlet should be in between 1.8 - 2 m from the ground and the sampler should stand alone firmly at erected position.
Calibration Unit (at least one)	Calibration unit to calibrate the flow rate of the equipment
Date Logger	Should record & display on LCD screen (14 channel X 4 line) following parameters:- Flow Rate (LPM), Amb/Filter temp – Deg C, Amb /Filter Pressure – mmHg, Sample Volume – Litre/M3, Date/Time etc
Rotameter	Scale – 0.3-3 LPM; Acrylic Body, Least Count: 0.05 LPM

08. Technical specification for PM10 sampler

Confirming to BIS Standards IS 5182 (Part 23) of 2006.

1. SCOPE

This standard (Part 23) prescribes methods for measurement of respirable particulate matter PM10 in the ambient air with the help of an appropriate cyclonic particle fractionating device.

2. REFERENCE

The standard listed below contains provisions which, though reference in this text, constitutes provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below:

3. TERMINOLOGY

For the purpose of this standard, the definitions given in IS 4167 and the following shall apply.

Respirable Suspended Particulate Matter (PM₁₀), PM₁₀ size convention closely resembles the thoracic size distribution (see Fig.1) and has a 50 percent penetration at 10 micron equivalent diameter/aerodynamic diameter. Figure 1 shows the size distribution of particulate penetration in different portions of the human respiratory tract and the PM₁₀ size distribution adopted by the international community.

- *Inhalable Particles (IPM)*, are particles that can be breathed through the nose or mouth – or all particles that enter the human respiratory tract.
- *Thoracic Size Distribution (TPM)*, includes particles that travel past the Larynx and reach the gas exchange region of the Lungs.

4. PRINCIPLE

Air is drawn through a size-selective inlet and through a 20.3 cm x 25.4 cm filter at a flow rate of about 1000 LPM. Particles with aerodynamic diameter less than the cut-point of the inlet are collected by the filter. The mass of these particles is determined by the difference in filter weights prior to and after sampling. The concentration of PM₁₀ in the designated size range is calculated by dividing the weight gain of the filter by the volume of air sampled.

Note – The method of PM10 sampling is non-destructive and the sample is available for further analysis of other components.

5. RANGE AND SENSITIVITY

Lower Quantifiable Limit

For a 24 h sample duration at about average 1000 LPM, the lowest detection limit is determined by the reproducibility of the filter weight difference which shows a standard deviation of approximately $\pm 2\text{mg}$. The three detection limit is then approximately $3.5 \mu\text{g}/\text{m}^3$. The three lower quantifiable limit depends on the filter used and may be even $5 \mu\text{g}/\text{m}^3$.

Upper Quantifiable Limit

For a 24 h sample duration at about average 1000 LPM, the upper quantifiable limit is 1000 LPM, the upper quantifiable limit is $1000 \mu\text{g}/\text{m}^3$. However, the exact value depends on the nature of the aerosol being sampled; very small particles will clog the filter at a relatively low mass loading while larger particles will bounce off during sample transport at high concentrations.

6. INTERFERENCES

Passive Deposition

Passive deposition occurs when windblown dust deposits on a filter both prior to and after sampling.

Re-circulation

Re-circulation occurs when the blower exhaust, which contains carbon and copper particles from the armature and brushes, is entrained in the sample air. Positive bases of $0.15 \mu\text{g}/\text{m}^3$ have been measured, which are insignificant mass interference but which may affect carbon and copper measurements. Re-circulation can be minimized by assuring a tight seal between the blower and the sample housing or by ducting blower exhaust away from the sampler. if the cyclone walls or the cup below are not cleaned and have accumulated too much particulate some of these may get re-entrained and reach the filter paper causing erroneously high PM_{10} values to be reported.

7. APPARATUS

Sampler –The essential features of a typical cyclonic fractionating sampler for respirable particulate matter are those of a compact unit consisting of protective aluminium housing, blower, voltage stabilizer, time totalizer, rotameter and filter holder capable of supporting a $20.3 \text{ cm} \times 25.4 \text{ cm}$ glass fibre filter..

Cyclonic Size Selective Inlet of PM10 Sampling

Volume Flow Controllers – For a PM₁₀ sampler flow rate is maintained within 15 percent of the designed flow rate (1000 LPM) for the cyclone separating device. An automatic flow controller with flow sensing device and feedback should be provided to constantly monitor the flow rate and compensate for decrease in flow rate due to filter choking by dust load or flow rate changes on account of voltage fluctuation. A voltage stabilizer may be provided to compensate for voltage fluctuation.

Note:- The flow rate decreases as the filter deposit increase. Sampling should be stopped and the filter paper should be replaced when the flow rate decrease to 850 LPM.

Elapsed Timer – Accurate to ± 1 min.

Flow Metering Device – accurate to ± 5 percent.

Equilibration Rank – The rank to separate filters from one another so that the equilibration are can reach all parts of the filter surface.

Numbering Machine – An incrementing numbering machine that prints 4 to 8 digit ID number

8. PRECISION AND ACCURACY

Mass of the filter deposit, flow rate through the filter, and sampling time have typical precision of ± 2 mg, ± 5 percent and ± 1 min, respectively, as determined from performance tests. The accuracy of those measurements can be will within these tolerances when determined with independent standards. The filter deposit mass, measurement precision dominates at low concentration while the flow rate precision dominates at high concentrations.

Sampler design and performance criteria shall be conforming to the BIS standards IS 5182 (Part 23) of 2006 and as per the details specified at Attachment-I

Attachment-I

Main Body	:	Hard Aluminium with Powder Coating, Sheet Thickness – 3 mm (Nalco / Hindalco/ Sterlite make).
Door	:	3 mm Hard Aluminium sheet (Nalco / Hindalco make) with standard Door Lock and keys
Flow Rate	:	0.8 to 1.4 cubic meters per minute free flow with flow stabilization Automatic Electronic Feedback Flow Control Device.
Suction pump/Blower	:	Impeller base induction, Brush less motor of 50 Hz, 0.85 KW, RPM – 2860, I/P Voltage – 220-240V, Running Current – 3.7 Amp from any reputed brand. The motor of suction pump should be almost noiseless/brushless having capacity to run for at least 28 hours continuously, with VF Drive and Electronic Feedback Flow Controller, Pressure Sensor capable of giving flow up to 1.6 cubic meters per minute.
Size Selective Inlet and Particle Size	:	Cyclonic flow or impaction inlet (as per BIS standard IS 5182 (Part 23) of 2006) for cut off particle greater than 10 μm . Particles of 10 microns and below collected on filter media.
Filter holder	:	Designed to accept any standard glass fibre filter of 20.3 cm x 25.4 cm.
Height of the Inlet	:	The height of the inlet should be in between 1.5 – 1.8 m from the ground and the sampler should stand alone firmly at erected position
Sampling time	:	24 hours
Time Totaliser	:	0 to 9999.99 hours. Time-totaliser circuit detects blower stoppage due to any reason.
Automatic Sampling	:	24 hour programmable timer to automatically shut-off the system after pre-set time intervals.
Power Supply	:	230 \pm 10 V AC; 50 Hz \pm 3%
Volume Flow Controller	:	Having Digital Timer, Time Totalizer and Pressure Sensor to compensate for dust loading on filter and automatic shut off. Electronic Automatic flow controller and flow sensing device, and feedback should be provided to constantly monitor the flow rate and compensate for decrease in flow rate due to filter choking by dust load or flow rate should changes on account of voltage fluctuation. Flow rate should be maintained within 15 percent of the designed flow rate (1m ³ / min) for the cyclone separating device as per BIS Standard IS-5182-Part 23:2006.
Auto Shut Off	:	Flow Controller should have provision to automatically shut off the system if flow rate drops below 0.85m ³ / min in compliance with BIS Standards IS-5182-Part 23:2006.
Particulate Sampling / Separation	:	From 10 Micro down to 0.1 micron on Filter paper and coarse dust collected in cup under the cyclone as per separation technology designed by CSIR-NEERI.

Flow Measurement : Glass Monometer tube accurately graduated directly in M³ / min and calibrated across a critical orifice.

Rotameter : Scale – 0.3-3 LPM; Acrylic Body, Least Count: 0.05 LPM

Gaseous Sampling Attachment

Flow Rate : 0 - 2 LPM (Least count 0.05 LPM)

Flow Control : Four inlet and one outlet manifold with built in needle valves with locking facility for flow control of each inlet for running all types of impingers viz. Midget.

Sampling Train : 4 Nos. of 50 ml Borosilicate glass midget impingers kept in ice tray

Flow calibration unit (Optional)

Top Loading Orifice Calibration unit : Top Loading Orifice Calibration unit with resistance plates, U-tube manometer and barometer (as per USEPA design) to fit on the filter support plate of the sampler

09. PROFORMA FOR FINANCIAL CAPABILITY OF BIDDER**(for a period of last three years)**

Bid No. _____ Package Code _____ Date of Opening _____

Time _____

Name of the Bidder

Year	Currency	Turnover
2015-2016 financial year		
2016-2017 financial year		
2017-2018 financial year		
Average		

Note:

1. The annual turnover amount is to be supported by annual report.

**Signature with date & stamp of the bidder / authorized Person,
Name with Stamp & full Address.**

10. PROFORMA FOR PERFORMANCE STATEMENT FOR MANUFACTURER

(for a period of last five years)

Bid No. _____ Name of Equipment _____ Date of Opening _____

Time _____

Name of the Manufacturer _____

Order placed by (full address of Purchaser)	Order No. & Date	Description of ordered equipment (Model no.)	Quantity supplied	Value of order	Date of handing over , training and demonstration	Has the equipment been satisfactory functioning? (Attach certificates from the Purchaser/ Consignee for each equipment)
1	2	3	4	5	6	7

NOTE : Bidder to furnish above detail for each equipment of the quoted package on separate sheet.

**Signature with date & stamp of the bidder / authorized Person,
Name with Stamp & full Address.**

11. FORM OF BANK GUARANTEE FOR BID SECURITY

(To be stamped in accordance with Stamp Act, if any, of the issuing Bank)

Bank Guarantee No. _____

Ref. No.:-

Date : _____

To,

**The Member Secretary,
Haryana State Pollution Control Board,
C-11, sec-6, Panchkula, Haryana (India)**

Dear Sirs,

WHEREAS----- (hereinafter called "the Bidder") has submitted its bid dated -----
----- for Supply of Ambient Air Quality Monitoring Stations (AAQMS) for Haryana State Pollution
Control Board at Panchkula, Haryana (hereinafter called "The Bid")

KNOW ALL MEN by these present that WE----- of having our registered office
at ----- (hereinafter called "The Bank") are bound unto Haryana State Pollution Control
Board at Panchkula, Haryana , India (hereinafter called "The Board") in the sum of -----
(amount as per bid document in Indian Rs. in words and figures), for which payment well and assign,
by these presents. Sealed with the common seal of the bank this----- day ----- of 2018.

THE CONDITIONS of this obligation are:

If a Bidder withdraws / modifies its Bid during the period of Bid validity specified in clause 52
hereunder;

or

If a bidder having been notified of the acceptance of its bids by the board during the period of
bid validity:

If a bidder fails or refuses to execute the Contract Form, when requested ;

or

If a bidder fails or refuses to furnish the Performance Security, in accordance with the
Instruction to Bidders.

or

If a bidder refuses to withdraw, without any cost to the Owner, those deviations, which the
bidder did not state in the Deviation Schedules.

We undertake to pay to the Board up to the above amount, according to, and upon receipt of, its first written demand, without the Board having to substantiate its demand, provide that in its demand the Board will note that the amount claimed by it is due to it owing to the occurrence of one or all of the three above stated conditions, specifying the occurred condition or conditions.

[NAME OF BANK]

By _____

Authorized Representative

(Signature of Witness)

Name of Witness _____

Address of Witness _____

**12. LIST OF BANKS ACCEPTABLE FOR SUBMISSION
OF BANK GUARANTEE FOR BID SECURITY**

SCHEDULED COMMERCIAL BANKS

(A) SBI AND ASSOCIATES

1. State Bank of India
2. State Bank of Bikaner and Jaipur
3. State Bank of Hyderabad
4. State Bank of Indore
5. State Bank of Mysore
6. State Bank of Patiala
7. State Bank of Saurashtra
8. State Bank of Travancore

(B) NATIONALISED BANKS

9. Allahabad Bank
10. Andhra Bank
11. Bank of India
12. Bank of Maharashtra
13. Canara Bank
14. Central Bank of India
15. Corporation Bank
16. Dena Bank
17. Indian Bank
18. Indian Overseas Bank
19. Oriental Bank of Commerce
20. Punjab National Bank
21. Punjab & Sind Bank
22. Syndicate Bank
23. Union Bank of India
24. United Bank of India
25. UCO Bank
26. Vijaya Bank
27. Bank of Baroda

(C) SCHEDULED PRIVATE BANKS (INDIAN BANKS)

1. Bank of Rajasthan
2. Bharat Overseas Bank Ltd.
3. Catholic Syrian Bank
4. City Union Bank
5. Dhanalakshmi Bank
6. Federal Bank Ltd.
7. Jammu & Kashmir Bank Ltd.
8. Karnataka Bank Ltd.
9. Karur Vysya Bank Ltd.
10. Lakshmi Vilas Bank Ltd.
11. Lord Krishna Bank Ltd.
12. Nainital Bank Ltd.
13. Kotak Mahindra Bank
14. Ratnakar Bank Ltd.
15. Sangli Bank Ltd.
16. South Indian Bank Ltd.
17. Tamilnadu Mercantile Bank Ltd.
18. United Western Bank Ltd.
19. ING Vysya Bank Ltd.
20. UTI Bank Ltd.
21. S.B.I. Commercial & International Bank Ltd.
22. Ganesh Bank of Kurundwad Ltd.
23. INDUSIND Bank Ltd.
24. ICICI Bank Ltd.
25. HDFC Bank Ltd.
26. Centurion Bank of Punjab Limited
27. Development Credit Bank Ltd.
28. Yes Bank

(D) SCHEDULED PRIVATE BANKS (FOREIGN BANKS)

29. Abu Dhabi Commercial Bank Ltd.
30. ABN Amro Bank Ltd.
31. American Express Bank Ltd.
32. Bank of America NA
33. Bank of Bahrain & Kuwait
34. Mashreq Bank
35. Bank of Nova Scotia
36. The Bank of Tokyo-Mitsubishi UFJ Limited.

37. Calyon Bank
38. BNP Paribas
39. Barclays Bank
40. Citi Bank
41. Deutsche Bank
42. The Hong Kong and Shanghai Banking Corporation Ltd.
43. Oman International Bank
44. Societe Generale
45. Sonali Bank
46. Standard Chartered Bank
47. J.P Morgan Chase Bank
48. State Bank of Mauritius
49. Development Bank of Singapore
50. Bank of Ceylon
51. Bank International Indonesia
52. Arab Bangladesh Bank
53. Cho Hung Bank
54. China Trust Bank
55. Mizuho Corporate Bank Ltd.
56. Krung Thai Bank
57. Antwerp Diamond Bank N.V. Belgium
58. ING Bank N.V.

(E) PUBLIC SECTOR BANK

59. IDBI Ltd.

13. FORM OF LETTER OF AUTHORITY

To,

**The Member Secretary,
Haryana State Pollution Control Board,
C-11, sec-6 Panchkula, Haryana (India)**

Subject:- Letter of Authority from Manufacturer

Dear Sir,

We, (Name of Manufacturer), a manufacturer duly organized and existing under the law of India with its principal office of business at (Address) hereby make, constitute and appoint (name of Bidder), a company duly organized and existing under the laws of India with its principal office of business at (Address) to be our true and lawful attorney in fact to do the following sets and deeds:

To present and bind us in the for Supply, training and demonstration of Ambient Air Quality Monitoring Stations (AAQMS) for Haryana State Pollution Control Board, regarding the supply and installation of the following equipment proposed in the bid which we manufacture or produce.

Item No.	Name of Equipment
1.	Supply, installation, training and demonstration of 22 sets of Manual Ambient Air Quality Monitoring Stations (1 set includes a PM2.5 sampler and a PM10 Sampler).

We, as a manufacturer bind ourselves as co-worker of the bid and are jointly and severally responsible for the compliance of the said bid and once (Name of Bidder) has been selected as a successful bidder, we shall manufacture, delivery and install the equipment in accordance with the terms and conditions of contract with (Name of Bidder) and the Haryana State Pollution Control Board, Panchkula.

We hereby give and grant to the said (Name of Bidder) full power and authority to do and perform all and every act and thing whatsoever, requisite necessary and proper to be done in the premises, as fully, to all intents and purposes as we might or could do with full power of submission and renovation hereby ratifying and conforming all that (Name of Bidder) or its duly authorized representative shall lawfully do or cause to do done by virtue hereof.

IN WITNESS WHEREOF, we have hereto signed this document on _____ 2018.

ACCEPTED ON -----,2018

NAME OF BIDDER

NAME OF ISSUING MANUFACTURER

(Name of duly authorized
representative to sign and signature)

(Name of duly authorized
representative to sign and signature)

(Rank of position and department)

(Rank of position and department)