



Central Pollution Control Board
Ministry of Environment, Forest & Climate Change Govt. of India
Parivesh Bhawan, East Arjun Nagar
Delhi - 110032

E-TENDER NOTICE FOR SUPPLY, INSTALLATION AND COMMISSIONING OF HIGH VOLUME SAMPLERS (06 NOS.)

Tender Enquiry No. : C-47011/LCB/02/2019-20/Mat

Dated: 06.03.2020

Online bids are invited under two bids system i.e. Technical and Financial Bids for Supply, Installation, Testing and Commissioning of High Volume Samplers (06 Nos.). Tender can be downloaded from the CPP Portal (<http://eprocure.gov.in/eprocure/app>) or from CPCB Website (www.cpcb.nic.in) under Tenders tab. The bids to be submitted on CPP Portal only.

Name of the Goods required	Supply, Installation, Testing and Commissioning of High Volume Samplers	
Quantity Required	06 (Six)	
Earnest Money Deposit (EMD)	Rs. 20,000/- (Rupees Twenty Thousand Only)	
Critical Date Sheet		
Particulars	Date	Time
Date of Publishing	06.03.2020	1600 hrs
Bid download/Bid submission start date	06-03.2020	1600 hrs
Clarification Start Date	06.03.2020	1600 hrs
Clarification End Date	11.03.2020	1700 hrs
Pre-bid meeting	17.03.2020	1100hrs
Uploading of Corrigendum if any and Bid submission start date.	20.03.2020	1700 hrs
Last Date of Technical Bid Submission	02.04.2020	1500 hrs
Technical Bid Opening Date	03.04.2020	1600 hrs
Date and time for opening of Financial bids of the technically qualified bidders	It will be announced on the above portal after opening of technical bids.	

-s/d-
AO (Material)



CENTRAL POLLUTION CONTROL BOARD
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PARIVESH BHAWAN, EAST ARJUN NAGAR
SHAHDARA, DELHI-110032

Ref.: No: C-47011/LCB/02/2019-20/Mat

Dt: .01.2020

E-TENDER NOTICE FOR SUPPLY, INSTALLATION AND COMMISSIONING OF HIGH VOLUME SAMPLERS (06 NoS.)

Pre-Qualification Criteria(PQC):

1. The bidder should be Original Equipment Manufacturer (OEM) / Principal Manufacturer or an Authorized Representative / Dealer / Distributor having valid Authorization letter from the OEM/ Principal Manufacturer. Only one bid from one OEM will be accepted.
2. The OEM / Principle Manufacturer or the Authorized Representative / Dealer / Distributor should have experience of having successfully Supply and Installation of minimum 02 numbers of similar instruments during last 03 years ending 31.03.2019 to any Govt Organization in India. **The details of such Purchase Orders and Performance Certificates from users of such supplies may be given with the bid.**

Tender documents are available on CPP Portal for downloading. The bidders have to apply through online mode only. No offline bid will be accepted.

The tenders are to be submitted in two part i.e. Technical Bid and Price Bid on the CPP Portal, on or before the date & time fixed for receiving the bid. Offline, Telex, telegraphic or email bids will not be entertained.

The Pre-qualification criteria (Checklist as per para 26 of General & Special Conditions) and Technical Specifications (Annexure-I) have to be fulfilled by the bidder as Pre – requisites for consideration of their technical bid. The Quotation received without adequate details of technical requirements will be rejected.

(Ashok Kashyap)
AO (Material)



CENTRAL POLLUTION CONTROL BOARD
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SHAHDARA, DELHI-110032

Introduction :

Central Pollution Control Board (CPCB) is an autonomous statutory body under Ministry of Environment, Forest and Climate Change. CPCB require High Volume Samplers for conducting Fugitive Emission Monitoring in the Stone Crusher Units for SPM Parameter. CPCB invites Online Bids on CPP Portal from the eligible bidders (OEM/Authorized Representatives) for Supply, Installation and Commissioning of High Volume Samplers (06 Nos).

Scope of the work :

1. Supply, Installation and Commissioning of High Volume Samplers (06 Nos) as per Purchase Order on 4th Floor, Air Lab, CPCB, Delhi. All the tools, tackles, machinery, Manpower etc. required for satisfactory completion of job shall be arranged by the bidder.
2. Up keeping of the High Volume Samplers in the warranty period of 03 Years. Periodic services as mentioned in the Warranty Clause of the tender document will be provided by the supplier.
3. The supplier shall undertake that it will provide post Warranty support for at least five years (AMC, CAMC and availability of spares) for the High Volume Samplers. The successful supplier shall have to submit Performance Guarantee for 10% of total contract value. The Performance Guarantee will be returned to the supplier after completion of 03 years' warranty obligations on undertaking the work of AMC or CAMC of the High Volume Samplers.

Ashraf
19/02/2020




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GENERAL & SPECIAL TERMS AND CONDITIONS OF THE CONTRACT

1. **Nature of Tender:** The bidder should submit their bids online on CPP Portal Only in Two part-Single stage as described in NIT (Technical and Financial).
2. **EMD :** The bidder should submit Earnest Money Deposit in (in the form of DD/FDR/ Bank Guarantee) as prescribed in the Notice Inviting Tender. The EMD will be exempted for the bidders who are registered with NSIC / MSME, on submission of valid EMD exemption certificate.
3. **PERFORMANCE SECURITY DEPOSIT:** Bidder should deposit a sum @ 10% of the awarded value as security deposit in the form of Demand Draft / FDR/Bank Guarantee) drawn in the favour of CPCB payable at Delhi which will bear no interest. The security deposit will be returned/refunded to the bidder on completion of two months beyond the Warranty period and on undertaking the work of post warranty AMC / CAMC of the High Volume Samplers.
4. **RATE:** The rate is to be quoted only as per price format (BOQ in Excel format) of tender document on CPP Portal, failing which the offer shall be rejected. It is to be noted that bidder should quote rate for all items mentioned in the price format.

Note : CPCB is registered with DSIR, Govt of India for concessional GST @ 5%. Essentiality certificate shall be provided by CPCB to L-1 bidder for claiming Concessional GST. The bidder shall keep this while quoting prices.

5. The rate quoted will remain firm till completion of the contract. Nothing extra shall be paid on any account.
6. Total cost shall be the only deciding factor for L-1 bidder (BOQ format of tender document on CPP Portal).
7. The rates should be inclusive of all the allied charges like Handling, Packing Freight, Training, Demonstration, Installation and Tax etc.
8. Contractor will arrange all tools, tackles, manpower for satisfactorily execution of the work.
9. **Payment Terms:** - 100% payment shall be released on satisfactory completion of Supply, Installation and Commissioning, providing demo, training to the nominated person, of the Instruments and on submission on the Performance Security Deposit @ 10% of the Purchase Order/Contract Value.


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10. **COMPLETION PERIOD:** Entire work shall be completed within 90 days of placing for work order.
11. **OFFER VALIDITY:** Offer shall be valid for 180 days effective from date of opening of tender.
12. **Warranty :** Bidders must give the comprehensive on-site warranty of at least three years (36 months) from the date of successful installation of Equipment. All the services, visits, repairs, replacements and consumables will be provided free of cost during warranty period by the supplier. Upon receipt of notice of claim arising out this warranty from the buyer, the Supplier shall, with all reasonable speed and time period, repair / replace the defective goods or parts thereof, free of cost, at the ultimate destination. The Supplier shall take over the replaced parts/goods after providing their replacements and no claim, whatsoever shall lie on the Buyer for such replaced parts/goods thereafter. If the Supplier, having been notified, fails to rectify/replace the defect(s) within a reasonable period the Buyer may proceed to take such remedial action(s) as deemed fit by the Buyer, at the risk and expense of the Supplier and without prejudice to other contractual rights and remedies, which the Buyer may have against the Supplier.
13. **GST REGISTRATION:** Bidders should have valid GST registration certificate and a copy of the same is to be attached along with tender documents.
14. **GST Concession:** Bidder shall note that CPCB GSTIN is **07AAALC0228L2ZD.** CPCB is also eligible for GST concessional rate @ 5%.
15. **Resolution of Disputes :** In the event of any dispute or difference(s) between the parties hereto, such disputes or differences should be resolved amicably by mutual consultation. If such resolution is not possible, then the unresolved dispute or differences shall be replaced to arbitration of sole arbitrator, to be appointed by the Secretary, Deptt of Revenue; on the recommendations of Secretary, Department of Legal Affairs ("Law Secretary"), Govt. of India. The provisions of Arbitration & Conciliation Act, 1996 or any statutory modification or re-enactment thereof and the rules made thereunder and for the time being in force shall be applicable to arbitration. The venue of such arbitration shall be at Delhi. The Language of arbitration proceedings shall be in English. The arbitrator shall make a written & reasoned award (the "Award") which shall be final & binding on the parties. The cost of arbitration shall be shared equally by the parties to the agreement. However, expenses incurred by each party in connection with the preparation presentation shall be borne by the party itself. It will not be an objection to any such appointment that the arbitrator are the government servant and had any interest in the board or the contract entered into directly or indirectly.
16. **Applicable Law and Jurisdiction :** The contract shall be governed by the laws of India for the time being in force. Any action / dispute arises out of or from this work order shall be subject to the jurisdiction of court of law at Delhi only.
17. **WORKING HOURS:** The timing to perform the job assigned will be strictly adhere to our office timings i.e from 09:30AM to 06:00PM. There will be no work in Saturdays, Sundays & holidays.
18. **SUB-CONTRACT:** Not applicable in this contract.

Ashish
19/02/2020



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19. Liquidated Damages: if the Supplier fails to complete the installation and commissioning of the equipment within the time fixed under the contract, the Buyer shall without prejudice to any other rights and / or remedy as may be available to the Buyer under the Contract, shall deduct from the Contract price as an agreed Liquidated damages amount @ 0.5 % of value of undelivered goods per week or part thereof until actual delivery or performance, subject to a maximum of 10% of the contract price. If the delay exceeds two months from the scheduled date of supply, the Buyer shall have the right to terminate the contract at the risk and cost of the Supplier. The amount of Liquidated damages may be adjusted or set-off against any sum payable (including EMD or Performance Security Deposit) to the Supplier under this or any other contract with the Buyer.

20. DEVIATION FROM ORIGINAL TENDER: The bidder should indicate any suggestion deviations from the tender document in the bid itself for consideration by the CPCB. These deviation shall constitute part of contract when approved by the CPCB.

21. No extra payment shall be paid for collection / Return of Instruments.

22. CPCB will not provide any lodging/Boarding facility to the person engaged by the bidder in this job.

20. SITE INVESTIGATION: The bidder should satisfy himself as to the nature and location of work, and all other incidental costs at CPCB Delhi. Any failure of the bidder to acquaint himself with all the available information concerning these conditions will not relieve him of responsibility of estimating properly, the difficulty or cost of successful performing the work.

21. 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. ashokkashyap.cpcb@nic.in. Answers of the queries will be answered in the pre-bid meeting.

22. Pre-Bid Meeting : A pre-bid meeting will be held as per the date mentioned in NIT. Only authorized representatives 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 the firm.

23. Bid evaluation Criteria: Bid is the responsibility of bidder and no relief or consideration can be given for errors and omission by the bidder inadvertently or adherently. Bid with incomplete information is liable for rejection.

The techno-commercial part of bid shall be the evaluation criteria and other requirements/documents as indicated in the bidding document. The Bids will be evaluated on Pre-Qualification Criteria and Technical Specifications at first and the Technically qualified bids will be evaluated financially and lowest quoted bid will be awarded the contract.

Techno-commercial bid containing price shall be summarily rejected.


Non submission of details /documents as per the checklist as per para 26 may lead to rejection of bid.


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- 24. NOTIFICATION OF AWARD:** Prior to the expiration of period of bid validity CPCB will notify the successful bidder in writing by letter/Email to be confirmed in writing, that his bid has been accepted. The notification of award/Fax of Indent will constitute the formation of contract.
- 25. CPCB'S RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS:** CPCB reserves the right to accept or reject any bid, and to cancel the bidding process and reject all bid, at any time prior to award of contract, without thereby incurring any liability to be affected bidder or bidders are any obligations to inform the affected bidder or bidders of the ground for CPCB's action.
- 26. CHECKLIST FOR BIDDERS FOR SUBMITTING TECHNICAL BIDS (Pre-Qualification Criteria for bidders) :-**
1. EMD for Rs. 20,000/- (DD/FDR/Bank Guarantee) or EMD Exemption Certificate (NSIC/MSME registration certificate).
 2. Copy of GST/PAN/TIN etc.
 3. Copy of latest GST Deposit Receipt.
 4. Copy of Technical Literature/Brochure.
 5. Copy of Tender Acceptance Letter, Signed Copy of Tender document and accreditation certificates.
 6. Whether the bidder is an OEM or an Authorized Dealer of the OEM. Valid Authorization letter from Original Equipment Manufacturer (OEM).
 7. Self Certificate for non-blacklisting by any Govt/PSU etc.
 8. Undertaking that the product offered is as per the technical specification given in the tender document.
 9. Undertaking for 03 years comprehensive warranty.
 10. Copy of Purchase Orders and Performance Certificates from any Govt Organisations in India.
 11. Price Bid as per BOQ format on CPP Portal.


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Annexure-I

Technical Specifications of High Volume Sampler

Flow Rate	: 0.8 to 1.4 cubic meters per minute free flow
Suction pump/Blower	: Brush less motor capable of giving flow up to 1.6 cubic meters per minute.
Size Selective Inlet and Particle Size	: Peaked roof inlet. Particles of 100 microns and below collected on filter media.
Filter holder	: Designed to accept any standard glass fiber filter of 20.3 cm x 25.4 cm.
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 ± 10 V AC; 50 Hz ± 3%

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. Fritted, Midget and Muenke
Sampling Train	: 4 Nos. of 50 ml Borosilicate glass midget impingers kept in ice tray.

Standard additional Accessories

: Movable Stand (with Wheels & Lock) having load bearing capacity of equal or greater than two times the weight of the sampler.

Shashyap
19/02/2020



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Annexure – II

TENDER ACCEPTANCE LETTER

DATE _____

TENDER NOTICE NO : C-47011/LCB/02/2019-20/Mat dt .01.2020

To,

THE CHAIRMAN
CENTRAL POLLUTION CONTROL BOARD
(MINISTRY OF ENVIRONMENT & FORESTS GOVERNMENT OF INDIA)
C.B.D. CUM OFFICE COMPLEX
EAST ARJUN NAGAR DELHI - 110 032.

Sir,

Having examined the terms and conditions of Tender Document and specifications for the tender No. C-47011/LCB/02/2019-20/Mat dt .01.2020 for Supply, Installation and Commissioning of High Volume Samplers, the acceptance of which is hereby acknowledged. We, the undersigned, offer to supply the following:

- 1.
- 2.
- 3.
- 4.

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

We undertake if our bid is accepted to deliver the items quoted by us, we shall deliver 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 Demand Draft/FDR/Bank Gurantee for Rs...../ in bid Currency in favour of "Central Pollution Control Board", Delhi 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.....2020

(Signature of authorized Person, Name with Stamp & full Address.)

Dhanshraf
19/02/2020



CENTRAL POLLUTION CONTROL BOARD
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Annexure-III

INSTRUCTIONS FOR ONLINE BID SUBMISSION

As per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal (URL: <http://eprocure.gov.in>). The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at:

<https://eprocure.gov.in/eprocure/app>.

REGISTRATION


- 1) Bidders are required to enrol on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link "Click here to Enrol" on the CPP Portal is free of charge.
- 2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.), with their profile.
- 5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
- 6) Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

SEARCHING FOR TENDER DOCUMENTS

- 1) There are various search options built in the CPP 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 published on the CPP Portal.
- 2) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder.

This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.

- 3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.


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PREPARATION OF BIDS

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) 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. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF formats. Bid documents may be scanned with 100 dpi with black and white option.
- 3) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders.
- 4) Bidders can use "My Space" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

- 1) 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.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder has to select the payment option as "offline" to pay the tender fee / EMD as applicable and enter details of the instrument.
- 4) Bidder should prepare the EMD as per the instructions specified in the tender document. The original EMD should be submitted at Central Pollution Control Board (CPCB), Parivesh Bhawan, East Arjun Nagar, Delhi-110032 by at 1800 hrs. The details of the EMD physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- 5) A standard price bid schedule format has been provided with the tender document to be filled by all the bidders. If the price bid file is found to be modified by the bidder, the bid will be rejected.
- 6) The serve time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 7) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by

Ashishyap
17/02/2020



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Unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128-bit encryption technology. Data storage encryption of sensitive fields is done.

8) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.

9) 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.

10) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS

1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.

2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is 1800 233 7315.

Shashyap
15/02/2020

HIGH VOLUME SAMPLER (HVS)

- Flow Rate : 0.8 to 1.4 cubic meters per minute free flow
- Suction pump/Blower : Brush less motor capable of giving flow up to 1.6 cubic meters per minute.
- Size Selective Inlet and Particle Size : Peaked roof inlet.
Particles of 100 microns and below collected on filter media.
- 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
- Filter holder : Designed to accept any standard glass fiber filter of 20.3 cm x 25.4 cm.
- 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%

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. Fritted, Midget and Muenke
- Sampling Train : 4 Nos. of 50 ml Borosilicate glass midget impingers kept in ice tray
- Standard Accessories** : Movable stand (with wheels & lock) having load bearing capacity of equal or greater than two times the weight of the sampler
- additional** :