



ENVIRONMENTAL PROTECTION AGENCY (EPA)
Government of Khyber Pakhtunkhwa

Letter of Invitation

The Environmental Protection Agency (EPA), Government of Khyber Pakhtunkhwa, invites sealed electronic bids through EPADS only from eligible firms for the purchase of "Potable Stack Gases Analyzer" under the ADP Scheme titled:

"SHIFTING OF EPA LABORATORY TO PAKISTAN FOREST INSTITUTE AND ESTABLISHMENT OF 3 REGIONAL LABORATORIES AT ABBOTABAD, MINGORA, AND D.I KHAN

Bidders must be registered with FBR (NTN & GST), KPRA, on the Active Taxpayers List, and have sufficient financial, technical, and human resources.

Bids shall be submitted in BOTH electronic and physical form as follows:

- **Electronic submission (mandatory):** Complete bid (Technical + Financial) must be uploaded on EPADS on or before **06 March 2026 @ 10:00 AM**. Bids submitted only electronically will be accepted for opening through the EPADS system.
- **Physical/hard copy submission (mandatory):**
One original hard copy of the complete bid containing:
Technical Proposal (in separate sealed envelope clearly marked "TECHNICAL PROPOSAL")
Financial Proposal (in separate sealed envelope clearly marked "FINANCIAL PROPOSAL")
Original Bid Security (CDR @ 2%) in favor of "Director General, Environmental Protection Agency (EPA-KP)."
• Tender Document Fee Rs. 1,000/- (One Thousand Only) each Non-Refundable in the shape of Cash/Bank Draft/CDR payable to "Director General, Environmental Protection Agency (EPA-KP), before **06 March 2026 till 10:00 AM**.
- Late bids, incomplete bids, or bids received only in one form (either electronic or physical) shall be rejected.
- Technical bids will be opened on the same day at **06 March 2026 @ 10:30 AM** in the presence of bidders' representatives who choose to attend.

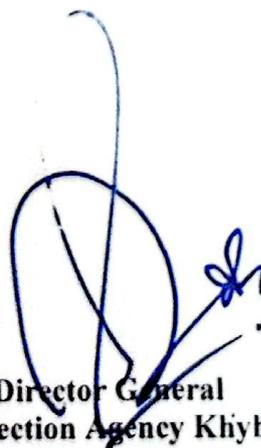
Director General
Environmental Protection Agency (EPA-KP)
3rd Floor, SDU Building, Khyber Road, Peshawar Cantt,
Khyber Pakhtunkhwa Phone: 091-9211169, 091-9211171

TENDER NOTICE

Sealed tenders for each item (separately) are invited from reputed registered manufacturers/ authorized dealers/firms for the supply of following lab item as per specification/conditions below.

S. No	Description of Item	Quantity
I.	Portable Stack Gases Analyzer For the Analysis of NO, NO ₂ , NOX, SO ₂ CO CO ₂ O ₂ and H ₂ S With support of replaceable sensors and consumable for 3 years period	01

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Director General
Environmental Protection Agency Khyber Pakhtunkhwa



Environmental Protection Agency Environment Department
Govt. of Khyber Pakhtunkhwa

3rd Floor, Old Courts Building, Khyber Road, Peshawar Cantt Telephone: 92 (91)
9210263, Fax: 92 (91) 9210280

**Request for Proposals (RFP) for the Purchase of
Stack Gases Analyzer under the ADP Scheme titled:**

“SHIFTING OF EPA LABORATORY TO PAKISTAN FOREST INSTITUTE AND
ESTABLISHMENT OF 3 REGIONAL LABORATORIES AT ABBOTABAD, MINGORA
AND D.I KHAN

”

**Environmental Protection Agency Climate Change Forestry
Environment and Wildlife Department Govt. of Khyber Pakhtunkhwa**

(Handwritten signature)

Details Sheet		
1.	Date of commencement of RFP Document (available on KP EPA& KP-PRA website)	16/02/2026
2.	Last date and time for receipt to Proposals	10/03/2026 (10:30 AM)
3.	Date and Time of Technical Proposal Opening	10/03/2026 (11:00 AM)
4.	Place of opening of Proposals	3 rd Floor, Old Courts Building, Khyber Road, Peshawar Cantt Telephone: 92 (91) 9210263, Fax: 92 (91) 9210280
5.	Address for communication	As Above
6.	Contact to Suppliers	Interested suppliers can contact for any queries to Telephone: 92 (91) 9239462, 92 (91) 9210263 0333-5695660

Note: Proposals will be opened in presence of the supplier representative who chooses to attend the events.

Att

1. Introduction

The Khyber Pakhtunkhwa Environmental Protection Agency, already established under the Pakistan Environmental Protection act 1997, was devolved to Khyber Pakhtunkhwa province under the 18th amendment 2010. This agency was constituted in 2014.

The main functions of this agency are; to administer and implement the provisions of KP Environmental Protection Act and the rules, to prepare in coordination with appropriate government agency and local council and consultation with the sectorial advisory committees established, environmental policies for approval of the council, take all necessary measure to Implement the acts and rules framed by the environmental council, prepare and established an annual environmental report on the state of the environment of the province, to prepare, review and establish the KP environmental quality standards (NEQS), ensure the implementation of NEQS, establish the standards for the quality of the ambient air, water and land, establish different for discharge or emission from different sources and for different areas and conditions, coordinate with other provinces the implantation of national, bilateral and multilateral environmental regimes and standards and to provide, assess ample scientific data to adapt and combat climate change.

2. Procurement Details:

Complete list of equipment and services required by this agency are listed below. Detailed Specifications with details are attached as Annexure 7.

S. No	Description of Item	Quantity
1.	Portable Flue Gas Analyzer For the Analysis of NO, NO ₂ , NO _x , SO ₂ CO CO ₂ O ₂ and H ₂ S	01

3. Eligibility of the Supplier

Following is the eligibility criteria to participate in this RFP. (Refer to Form Annex-1)

1. Supplier must have 10 years' experience in selling listed equipment.
2. Supplier must have successfully provided offered equipment/solution to at least 15 clients in Pakistan.
3. Supplier must have at least two certified professionals from OEM of proposed hardware to support the offered equipment the details of the professionals along with salary and appointments duration should be shared with the Agency.

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Submission of Proposals:

Proposals will be accepted and evaluates using **Single Stage–Two Envelop Procedure**, The Technical and Financial proposals shall be submitted on the same day but in a separate sealed envelope clearly mentioned Technical and Financial Proposals marked as:-

Technical Proposal– Tender# EPA/EQUIPMENT/R-Month-2026

Each item should be mentioned separately &

Financial Proposal–Tender# EPA/EQUIPMENT/R-Month-2026

Each item should have separate proposal /rate etc.

The cover letter should also specify the validity date of each offer with point of contact (name, email & contact number) for this tender from supplier side.

A) **Technical Proposal**

The technical proposal shall provide/contain the following information/documents:

- a. Mandatory Eligibility Criteria (**Annexure-I**)
- b. Declaration of Eligibility (**Annexure-II**)
- c. Company/ Firm Profile. (**Annexure-III**)
- d. Specific experience for similar assignments (**Annexure-IV**)
- e. General experience (**Annexure-V**)
- f. Qualification and Competence of the proposed team for support for this assignment (**Annexure VI**)
- g. Proposed equipment with make and model, Specification details, Subscription & Support details. All the relevant literature, catalogs, brochures must be attached' showing the technical specifications in details with technical compliance sheet (**Annexure VII**)
- h. Any other document which could be helpful in the technical evaluation.

The technical proposal shall not include any financial information.

B) **Financial Proposal (**Annexure VIII**)**

The financial proposal shall contain the following information:

- i. Bid Security @2% of the total deliverable in the shape of Call deposit in the name of EPA.
- ii. Validity of the financial proposal.
- iii. Other terms and conditions (if any).

C) All the required documents must be attached/ provided.

D) Once the proposal is submitted in sealed cover by the supplier, EPA will not accept any addition/ alterations/ deletions of the proposal. However, EPA reserves the right to seek clarification or call for supporting documents from any of the suppliers, for which the concerned supplier will need to submit the documentary evidence(s) as required by EPA.

E) Any Proposal, submitted with incorrect information will be liable for rejection. Further, if

any supplier is found to have submitted incorrect information at any time, he may be debarred from participation in the future tendering processes.

- F) The Supplier should take care in submitting the proposals and ensure that enclosed papers are not found loose and should be properly numbered and submitted in a file in proper manner so that the papers do not bulge out and tear during scrutiny.
- G) Last Date of Submission is 27/02/2026 till 10:30 am local time. Opening will be done on same date.
- H) Electronic proposals will not be entertained. Any proposals delivered after due date and time will be considered as non-responsive and disqualified from further consideration.
- I) The Proposals should be marked/ addressed as:

Request for Proposals (RFP) For the Purchase of Equipment's / Items under the Project

"SHIFTING OF EPA LABORATORY TO PAKISTAN FOREST INSTITUTE AND ESTABLISHMENT OF 3 REGIONAL LABORATORIES AT ABBOTABAD, MINGORA AND D.I KHAN"

Environmental Protection Agency
Govt. of Khyber Pakhtunkhwa
3rd Floor, Old Courts Building, Khyber Road, Peshawar Cantt.
Telephone: 92 (91) 9210263, Fax: 92 (91) 9210280.

- J) The offer should remain valid for a period of 90 days from the closing/ submission date. Any offer falling short of the validity period is liable for rejection. If a supplier extend proposal validity period then will also extend the security period.
- K) Alternative option, if there is any alternate option then it mentioned separately in proposal. Alternative options benefits should be clearly mentioned.
- L) Clearance of the equipment from Tax Authorities would be the responsibility of the supplier.

Selected supplier must undertake to provide EPA, the consignment note number(s) by which the equipment ordered had been dispatched from their site, so as to have online/ web access to the tracking system of physical movement of the consignments sent through courier.

- M) The supplier may withdraw its offer after its submission, provided that written notice of withdrawal is received by EPA prior to the closing date and time prescribed for submission of proposals. No offer can be withdrawn by the supplier subsequent to the closing date and time for submission of proposals.

5. **Evaluation Criteria**

Final evaluation of the proposal will be carried by using the below combination.

S.NO.	PROPOSAL	WEIGHTAGE
1	Technical	70%
2	Financial	30%
	TOTAL	100%

Following is the scoring criteria for Technical & Financial Evaluation.



5.1.0 Technical Evaluation

S.No.	Technical Evaluation	Marks	Min Marks to Qualify	Obtained
a.	Firm Profile (Registration status), Location, Offices, Number of employees and financial position)	5	3.5	
b.	Specific experience for similar Assignments	15	10.5	
c.	General experience	5	3.5	
d.	Qualification and Competence of the proposed team for support for this assignment	5	3.5	
e.	Proposed hardware compliance with required specifications, delivery time, installation/testing/commissioning plan	40	28	
TOTAL POINTS		70	49	

5.2 Financial Evaluation

S.No.	Financial Evaluation	Marks	Obtained
a.	Bid Price	30	
TOTAL POINTS		30	

EPA will scrutinize the proposal to determine whether it is complete, whether errors have been made in the offer, whether required technical documentation has been furnished and whether the documents have been properly signed. Offers within correct information or not supported by documentary evidence, wherever called for, would be summarily rejected by documentary evidence called for, would be summarily rejected. However, EPA at its sole discretion may waive any minor non-conformity or any minor irregularity in an offer. EPA reserves the right for such waivers and this shall be binding on all suppliers. For proper scrutiny, evaluation and comparison of offers, EPA at its discretion, ask some or all suppliers for clarification of their offer. The request for such clarification and the response will necessarily be in writing.

6. Selection Process

A selection committee from EPA will evaluate the technical proposals which are eligible as per clause 4 and assigns core to each technical proposal according to above details. To qualify technically a minimum of 70% score is needed. Financial Proposals will be opened of only those suppliers whose technical proposal is qualified. Financial proposal of those suppliers who are not technically qualified will be returned unopened. Financial proposals will also be opened in the presence of suppliers for which the date will be announced after the technical evaluation. Supplier scoring the highest marks (Technical+ Financial) will be selected for the award of the

contract. This process should normally take about 10 days.

7. Deliverables

The Equipment and services are mentioned as per details given section 3.

7.1 Bid Security

All suppliers shall furnish Bid Security Deposit equivalent to **2% of the total Cost of Deliverables** in the form of Call deposit/ Pay Order/ Demand Draft/ cashier cheque in favor of EPA. Cheque will not be accepted in any case. After selection of successful supplier, EPA will return/ release the bid security to the unsuccessful suppliers.

7.2 Performance Security

Performance security will be 5% of the total cost of the equipment only (excluding service) which will be submitted to EPA from the period of Warranty claimed/at least one year. After the successful completion of warranty period of three years, performance security will be released.

8. Fees and Payment Schedule

- a) No advance will be allowed in any case.
- b) Payment will be made after the complete and satisfactory delivery/ acceptance/ testing/configuration of the Equipment to the designated delivery site/ destinations within 2-3 weeks through cross cheque.
- c) Taxes will be deducted from all the invoices as per prescribed law of Govt. of Pakistan. If Supplier has any of the tax exemption, the details must be attached with the invoice. Tax challans will be provided within 3-4 weeks of the payment.

9. Paying Authority:

The payments as per the Payment Schedule covered here in above shall be paid by EPA. However, Payment of the Bills would be payable on receipt of advice/confirmation for satisfactory delivery/ installation/configuration from the procurement committee.

Following Documents are to be submitted for Payment:

- a. Bill
- b. GST Invoice
- c. Contract Agreement
- d. Duly acknowledged Delivery Challans/ installation report.
- e. Material Received Note (MRN) if issued by EPA.

10. Delivery Schedule

- a) The Selected supplier must undertake to deliver the equipment ordered, to EPA Peshawar within the time offered in the proposals from the date of the Purchase

Order/ Contact. However, Delivery schedule may be changed under special circumstances at the discretion of EPA.

- b) EPA reserves right to shift the ordered equipment to any location where it has presence, anywhere in Pakistan, either during the warranty.

11. **Warranty & Maintenance**

The supplier shall be fully responsible for the defected items and will be responsible to replace at his own cost with the same make/ model of the equipment. All the equipment required should have one year warranty from the date of supply/ installation as mentioned in the section 3.

12. **Penalty for Down Time**

In case of delay in the supply of material against the terms indicated in the purchase order/ contract, the supplier will have to pay a fine as per Govt. policy or as decided by the chairman procurement committee. .

13. **Penalty on Liquidated Damages for Delayed Supply**

In case the delivery is delayed beyond the stipulated date of delivery, 'Liquidated damage for late delivery @ one tenth of a percent (0.1 %) of the order value for each day of delay or part thereof would be imposed, subject to maximum of 1.0% if the delay is for 30 days or more. The penalty for late delivery will be charged as per negotiation and deposited in the treasury.

14. **Currency**

All prices shall be expressed in Pakistani Rupees only.

15. **Cost of Process**

The supplier shall bear all the costs associated with the preparation and submission of proposals & samples (if any) and EPA will in no case be responsible or liable for these costs regardless of the conduct or outcome of the bidding process.

16. **Tender Document**

The suppliers expected to examine all instructions, forms, Terms and Conditions and specifications in the Tender Document. Submission of a proposal not responsive to the Tender Document in every respect will be at the suppliers risk and may result in the rejection of its proposal without any further reference to the supplier.

17. **Deadline for Submission of Proposals**

Proposals must be received by EPA at the address specified in the Tender Document not later than the specified date and time as specified in the Tender Document. In the event of the specified date of submission of bids being declared a holiday for EPA, the proposals will be received up to the appointed time on next working day.

EPA may, at its discretion, extend this deadline for submission on proposals by amending

the Tender documents.

18. **Confidentiality Statement**

All data and information received from EPA for the purpose of this assignment is to be treated confidentially and is to be used ONLY in connection with the execution of these documents. All intellectual property rights arising from the execution of these documents are assigned to EPA. The contents of written materials obtained and used in this assignment may not be disclosed to any third parties without the expressed advance written authorization of EPA. EPA may then disclose the draft, final report and/ or any related information to any person and for any purpose they may deem appropriate.

19. **General Terms & Conditions**

- a) EPA does not bind itself to accept the lowest or any proposal and reserves the right to reject any or all proposals at any point of time prior to the issuance of purchase order/ contract without assigning any reasons whatsoever.
- b) The EPA reserves the right to restore – tendering without providing any reason whatsoever. The EPA shall not incur any liability on account of such rejection.
- c) The EPA reserves the right to modify any terms, conditions or specifications for submission of offer and to obtain revised proposals from the suppliers due to such changes, if any.

20. **Rejection of the Proposal**

The proposal is liable to be rejected if:

- a. The document doesn't bear signature of authorized person.
- b. It is received through Telegram/ Fax/ E-mail.
- c. If the proposal is submitted without or less or not in required type the bid security deposit.
- d. If the technical bid is submitted without the Technical Compliance Sheet.
- e. If the proposal is received after expiry of the due date and time stipulated for proposal submission.
- f. In complete proposals, partial proposals including non-submission or non-furnishing of requisite documents/ Conditional proposals/ proposals not conforming to the terms and conditions stipulated in this tender document are liable for rejection by the EPA.

21. **Modifications and Withdrawal of Proposals**

Proposals once submitted will be treated, as final and no further correspondence will be entertained on this.

- a. No proposal will be modified after the deadline for submission of proposals.
- b. No supplier shall be allowed to withdraw the proposal, once the first technical proposal is opened.
- c. No supplier shall be allowed to withdraw the proposal, if the supplier happens to be a successful supplier.

22. **Proposal Opening and Evaluation**

- a. EPA will open the proposals, in the presence of supplier's representative(s) who choose/ authorized to attend, at the time and date mentioned in Tender document at the address mentioned at bidding details.
- b. The supplier's representatives who are present shall sign the sheet evidencing their attendance. In the event of the specified date of proposal opening being declared a holiday for Purchaser, the proposals shall be opened at the appointed time and place on next working days.
- c. Suppliers satisfying the technical requirements as determined by EPA and accepting the Terms and Conditions of this document shall be short-listed.
- d. Decision of EPA in this regard shall be final and binding on the suppliers.
- e. The contract will be awarded only to the successful responsive supplier.
- f. EPA reserves the right to negotiate with Second, third supplier etc. if successful supplier is not able to supply the deliverables and his bid security will be forfeited.

23. **Clarifications of Proposals:**

To assist in the examination, evaluation and comparison of proposals EPA may, at its discretion, ask the supplier for clarification. The response shall be in writing and no change in the substance or price of the proposal shall be sought, offered or permitted.

24. **EPA's Right to Accept or Reject Any proposal Or All proposals**

EPA reserves the right to accept or reject at any stage by assigning reason as per the prevailing Law.

25. **Governing Laws and Disputes**

All disputes or differences whatsoever arising between the parties out of or in relation to the meaning and operation or effect of these Tender Documents or breach there of shall be settled amicably. If, however, the parties are not able to solve them amicably, the same shall be settled by arbitration in accordance with the applicable Pakistani Laws, and the award made in pursuance there of shall be binding on the parties. The Arbitrator/ Arbitrators shall give a reasoned award.

26. **Placement of Order and Acceptance**

The supplier shall give acceptance of the order placed within 10 days from the date of order, failing which; EPA shall have the right to cancel the order.

27. **Authorized Signatory**

The supplier should indicate the authorized officials from their organization who can discuss, correspond, sign agreements/ contracts, rise invoice and accept payments and also to correspond. The suppliers should furnish proof of signature of the

authorized personnel for above purposes as required by the EPA.

28.

Appeals

Suppliers believing that they have been harmed by an error or irregularity during the award process may file a complaint to EPA at complaints@epakp.gov.pk



LIST OF ANNEXURES

Annexure 1

<u>MANDATORY ELIGIBILITY CRITERIA</u>		<u>Yes</u>	<u>No</u>
01	Supplier must have at least 10 years' experience in selling proposed equipment. (Attach documentary evidence in shape of orders/contracts/completion certificates)	<input type="checkbox"/>	<input type="checkbox"/>
02	Supplier must have successfully provided solution to at least 15 clients in Pakistan. (completion certificate from client to be provided)	<input type="checkbox"/>	<input type="checkbox"/>
03	Supplier must have at least 1 certified professional from OEM of proposed equipment to support the offered equipment. (detailed CV's of the professional to be attached with undertaking that they are still working with the firms/ organization)	<input type="checkbox"/>	<input type="checkbox"/>
04	Affidavit (on Rs.100/- stamp paper) duly signed and attested by Notary public as per form provided in Annexure 2	<input type="checkbox"/>	<input type="checkbox"/>

Ans

Annexure 2

DECLARATION OF ELIGIBILITY

To Whom It May Concern

I, the undersigned representative of M/s _____ having its registered office at _____

Do hereby affirms that our company/ firm/ organization is eligible because we;

- Are registered company/firm/organization.
- Are registered with NTN/ STN.
- Are not bankrupt or in the process of going bankrupt.
- Have not been convicted for an offense concerning professional conduct.
- Have not been guilty of grave professional misconduct (proven by any means which the contracting authorities can justify).
- Have fulfilled obligations related to payment of taxes.
- Are not guilty of serious misinterpretation in supplying information.
- Are not in situations of conflict of interest (with prior relationship to project or family or business relationship to parties in EPA)
- We're not declared at serious fault of implementation owing to a breach of their contractual obligations
- Have no relation, direct or indirect, with any terrorist or banned organizations.
- Are not on any list of sanctioned parties issued by the Pakistan Government, DIFD, US-AID, UN agencies, European Union and others.
- Are not blacklisted/ disqualified/ barred by any Local/ International organization, Government/ semi Government department, NGO, INGO, USAID, and EU or any other company/organization. Have not been reported for/ under litigation for child abuse. Declared By:



(Authorized Signature)

(Name & Designation)

Date: _____

Witness by: _____

Signature: _____

Name: _____

.....CNIC:.....

Annexure 3

Firm Profile

S#	Criteria	Remarks/Justifications (for evaluators ONLY)
01	Profile of the agency: i. Registration details and age of Company ii. Names of Managers/ Owners/ CEO/ Directors/ Partners	
02	Location of agency office/ sub office i. Number of branches ii. Number of employees	
03	Financial Position i. Name of Bank(s) ii. Certificate of Financial position from bank(s) iii. Copy of last financial year audit report dully signed by the auditor. iv. Tax Registration (NTN & STN)	
	SUBTOTAL:	

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Annexure 4

specific Experience For Similar Assignments

NAME OF CLIENT(S)	NAME OF ASSIGNMENT/ PROJECT	PERIOD OF ASSIGNMENT/ PROJECT	VALUE OF ASSIGNMENT/ PROJECT	CONTACT DETAILS OF CLIENT

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Annexure 5

General Experience of Firm

NAME OF CLIENT	NAME OF ASSIGNMENT/ PROJECT	PERIOD OF ASSIGNMENT/ PROJECT	VALUE OF ASSIGNMENT / PROJECT	PRESENT STATUS OF THE ASSIGNMENT/ PROJECT

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Annexure 6

Qualification and Competence Of Proposed Team For Support For This Assignment

A) Personnel Summary (Complete for each Team Member)

Name of Employee:	
Position:	
Name:	Date of Birth:
Telephone:	
Fax:	
Years with Present Employer:	
General Information	

B) Employment Record:

Summarize professional experience in reverse chronological order. Indicate particular technical and managerial experience relevant to the project:

DD/MM/YY	Company/Project/Position/Specific Tech experience
From	To

A

C) Education:

Highest Level of Degree	Relevance of Degree to the Assignment
Ph.D.	
M.Phil.	
Masters	
Other	

D) Certification:

Name Of Course/Certificate	Briefdescription

E) Undertaking:

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, my qualifications, and my experience.

_____ Date: _____

[Signature of staff member and authorized representative of the firm] Day/Month/Year

Full name of staff member: _____

Full name of authorized representative: _____

SPECIFICATION OF ITEMS.

S.No	Description of Item	Specification
2.	Fully continuous Stack Gas Analyzer	<p>Portable Flue Gas Analyzer For the Analysis of NO, NO₂, NOX, SO₂ CO CO₂ O₂ and H₂S Specifications: Analyzer should have or better than the following Specifications Repeatability: $\pm 0.5\%$ of Full scale or $\pm 1.0\%$ of Full scale Should be capable and USA method certified, AST, mCerts 2 in EN14181 Built in sampling system: sampling probe with dust controller. Warm up time less than 10 minutes Automatic instrument start and sleep timer function. Accessories: Completed with all accessories and tubing to connect with Flue Gas Analyzer. Side Safety Guard It should be able to handle severe environment in field Carrying Case for transportation and material should be Polypropylene or equivalent Discontinued model should not be quoted non certified models shall not be quoted Li-ion rechargeable battery for several hours of mains-independent power supply. Memory: Date storage upto 250,000 meas. Values Option BLUETOOTH® wireless transmission: The instrument can be connected to free Android Application: Key features include the ability to start and stop analyzers remotely via Bluetooth, real-time viewing of measurement values presented in tables or charts on your smartphone or tablet, and saving data as CSV or PDF files directly to an SD card. Users can conveniently email data files or print reports Option fresh air valve for long-term measurement, incl. measuring range extension with dilution factor 5 for all sensors. For long-term measurements >2 hours measurement time, the additional Peltier gas preparation option is recommended Certifications: Should be able to have Certifications of Measurement Act (for Japan, China and Korea) TUEV (for Europe: Technischer Ueberwachungsverein) MCERTS (for UK: Monitoring Certification Scheme), Also meet or exceed the regulatory requirement established by USEPA Graphic colour display with application-specific menu guidance Automatically monitored condensate trap reports when the condensate container needs to be emptied Housing with integrated rubber edge protection to protects sensors, pumps, analysis and storage electronics Thermally decoupled sensor chamber to prevents sensor drifts due to thermal influences, increases the reliability of the measuring instrument and the measurement results. Easy replacement of the gas sensors without test gas adjustment directly on site by the user. External cooling loop to isolates the instrument electronics and sensors from the ambient air. The interior of the instrument is cooled by a heat exchanger, and does not come into contact with contaminated ambient air.</p>

Portable Flue Gas Analyzer		Specification		
Measurement	Measuring Range	Accuracy (± 1 digit)	Resolution	Reaction Time
O ₂ measurement	0 to +25 Vol. % O ₂	+0.8 of fsv (0 to +25 Vol. % O ₂)	0.01 Vol % O ₂ (0 to ± 25 Vol% O ₂)	20s
CO measurement H ₂ compensated	0 to +10,000 ppm CO	+5% of m.v. (+200 to +2.00 ppm CO) +10% of m.v. (+2.001 to 10.000 ppm CO) +10 ppm CO (0 to 199 ppm CO)	1 ppm CO (0 to +10.000 ppm CO)	40s
NO measurement	0 to +4,000 ppm NO	+5% of m.v. (+100 to 1.999 ppm CO) +10% of m.v. (+2.000 to +4.000 ppm NO) +5 ppm NO (0 to 99 ppm NO)	± 1 ppm NO (0 to +4.000 ppm NO)	30s
NO ₂ measurement	0 to +500 ppm NO ₂	+5% of m.v. (+100 to +500 ppm NO ₂) +5 ppm NO ₂ (0 to 99.9 ppm NO ₂)	± 0.1 ppm NO ₂ (0 to +500 ppm NO ₂)	40s
SO ₂ measurement	0 to +5,000 ppm SO ₂	+5% of m.v. (+100 to 2.000 ppm SO ₂) +10% of m.v. (+2.001 to 5.000 ppm SO ₂) +5 ppm SO ₂ (0 to 99 ppm SO ₂)	± 1 ppm SO ₂ (0 to +5.000 ppm SO ₂)	30s
CO ₂ measurement (IR)	0 to +50 Vol. % CO ₂	+0.3 Vol % CO +1% of m.v (0 to 25 Vol % CO ₂) +1.5% of m.v (> 25 to 50 Vol % CO ₂)	0.01 Vol % CO (0 to 25 vol % CO ₂) 0.1 Vol % CO (>25 Vol% CO ₂)	10s
H ₂ S measurement	0 to 300 ppm H ₂ S	+5% of m.v. (+40 to 300 ppm) +2 ppm (0 to +39.9 ppm)	0.1 ppm (0 to +300 ppm)	35s
H ₂ only as an indicator				

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Annexure8

Financial Proposal for each quoted item separately

S. No.	Description	Make/Model	Qty.	Unit Price	Sale tax	Total Price

Validity:

Delivery Time:

Commissioning plan

Training

Warranty inbuilt

Extended warranty

Any other details or terms & conditions.

