

मौलाना आज़ाद राष्ट्रीय प्रौद्योगिकी संस्थान भोपाल
Maulana Azad National Institute of Technology Bhopal
(भारत सरकार, शिक्षामंत्रालय के अधीन राष्ट्रीय महत्त्वका संस्थान)
(An Institution of National Importance under MoE, Govt. of India)



समित निविदा पूछताछ
LIMITED TENDER ENQUIRY

समग्री / वस्तु का नाम

**Services for Chemical profile for Air pollutants
assessment in Source apportionment study in
Dewas City**

Name of Service:

Website www.manit.ac.in
Email info@manit.ac.in
Address:

Fax No: 0755-2670562
Telephone No: 0755-4051000, 0755-4052000

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Maulana Azad National Institute of Technology Bhopal
(भारत सरकार, शिक्षा मंत्रालय के अधीनराष्ट्रीय महत्व का संस्थान)
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No. MANIT/Civil/2025:1S

दिनांक /Date:17.10.2025

निविदा आमंत्रण सूचना
NOTICE INVITING TENDERS

सामग्री/वस्तु का नाम **Services for Chemical profile for Air pollutants assessment in Source apportionment study in Dewas City**

Name of Service:

उपरोक्त सामग्री / वस्तु के लिए निविदाएँ आमंत्रित की जाती हैं। इच्छुक निर्माता/अधिकृतभागीदार/ एंजिनियर्स, अधिक जानकारी के लिए संस्थान के वेबसाइट www.manit.ac.in और **CPPP** वेबसाइट www.eprocure.gov.in/epublish/app पर लागू-इनकरसकती हैं। निविदा दस्तावेज डाउनलोड कर विधिवत रूप से उप-कुलसचिव (भण्डार एवं क्रय) मौलाना आज़ाद राष्ट्रीय प्रौद्योगिकी संस्थान, भोपाल- 462003 जमा किया जा सकता है।

सम्पूर्ण निविदा मय दस्तावेज प्रस्तुत करने की अंतिम तिथि
. अपरान्ह 12.00 बजे तक है। संस्थान निदेशक, बिना कोई कारण बताए किसी या संपूर्ण निविदा का पूर्ण या आंशिक रूप से स्वीकार या अस्वीकार करने का अधिकार सुरक्षित है।
कुल सचिव

Tenders are invited for aforesaid services. Interested service provider/Authorized Partner/Agencies may log on Institute website www.manit.ac.in and CPPP website www.eprocure.gov.in/epublish/app for further details. Tender Document can be downloaded and the duly completed be submitted to the Deputy Registrar (Stores & Purchase) Maulana Azad National Institute of Technology- Bhopal- 462003.

Last date of submission of complete tender document is 07.11.2025 up to 12:00 hours. The Director of the Institute reserves the right to accept or reject any or the entire tender in full or in part without assigning any reason whatsoever.

Registrar

INSTRUCTIONS TO BIDDERS		
1	Scope of Supplies & Work:	
	A	The services shall be supplied as per the Bill of Quantity and Specifications mentioned in ANNEXURE-I . However higher specification of equipment may be considered subject to their cost economics competitiveness.
	B	Bidder should supply illustrated leaflet giving technical details of services and attach the same with the tender to facilitate evaluation.
	C	No option(s) regarding price of services shall be entertained in the price bid. Bidder should quote the price of only one best & appropriate model of services available with them.
	D	Purchase Preference will be given to “Make in India products” as defined in Purchase Preference with Local Content (PP-LC) Policy. Accordingly, bidders with Local Content less than or equal to 20% will be treated as “Non Local Supplier”. The prescribed LC shall be applicable on the date of Bid opening. The bidder shall submit an undertaking along with the bid stating the bidder meets the mandatory minimum LC requirement and such undertaking shall become a part of the contract. Local content certificate from practicing Cost Accountant or practicing Chartered Accountant giving the percentage of local content shall be acceptable. The local content certificate shall be submitted along with each invoice raised.
	E	Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs). If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total QUANTITY.
	F	Bidder may be asked to supply sample of offered product/item before supply in bulk quantities.
	G	Where ISI certification marked goods are available in market, procurement should generally be limited to goods with those or equivalent marking only. The warranty/AMC required must be specified
	H	After the supply of services as mentioned in the ANNEXURE-I , the bidder has to execute its installation at the designated location(s). No extra cost shall be paid for this reason.
2	Delivery of Supplies & Installation:	
	A	The purchaser interested for complete services within the period as mentioned at IMPORTANT INFORMATION AT GLANCE sheet. However, the bidder has an option to submit the best delivery with installation time.
	B	The material shall be inspected on receipt at site and bidder shall be responsible for any damage during the transit of services.
	c	The insurance cover including insuring the goods against the loss or damage incidental to manufacture or acquisition, transportation, storage and delivery/ installation shall be obtained by bidder in his own name and not in the name of

		purchases.
3	Warranty & After Sales Services:	
	a	The bidder shall offer on-site comprehensive warranty of equipments as mentioned at IMPORTANT INFORMATION AT GLANCE sheet at the designated location & shall cover each and every part of the equipments including parts having limited life etc. The purchaser is not liable to pay any extra charges on any account during warranty period.
	b	The bidder shall ensure to render after sales services during the warranty period to the satisfaction of purchaser.
4	Eligibility Criteria:	
	a	Bidder should be a Company/Partnership firm/ Proprietary firm/ Agency and operational from at least 03 years (Three) as on close date of tender. Copy of registration shall be attached.
	b	The Bidder must have experience in providing services in last three years to Central/State government/ Quasi-Government organization/ Public listed company in India. Copies of Purchase Order (PO) shall be attached.
	c	Bidder should have minimum annual turnover (Double value of estimated cost of tender) in last year .CA certification in this regard is to be submitted.
	d	The Earnest Money Deposition slip/ proof of payment.
	e	Bidder should have GST Number & Income PAN both.
	f	OEM Authorization Letter
5	Earnest Money Deposit:	
	The bidder is instructed to submit EMD in the form of RTGS/ NEFT/ Bank Guarantee/ Bank deposition slip along with bid to prove the transfer of payment to the purchaser's Account as per EMD slab mentioned below:	
	Tender Value	EMD Rate
	Less than 2.50 Lakhs	NIL
	Between 2.50 lakhs to 25.00 Lakhs	NIL (for Service tender)
	a	Purchaser's Bank Account details:
		Account Name
		Bank Name
		Bank A/c No.
		Bank IFS Code
		Director MANIT Bhopal
		State Bank of India
		10020150107
		SBIN0001608
	b	The EMD will be returned to the unsuccessful bidders soon after placement of order and successful bidder shall get its EMD after supply of material.
	c	The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category. Manufacturers for goods and service providers for services are eligible for exemption from EMD under MSE Category. Traders are excluded from the purview of this policy.
6	Amendment of Tender Document:	
	a	At any time prior to the date submission of bids, the purchaser, may, for any reason, whether at its own initiative or in response to a clarification sought by a prospective bidder, amend bid document by issuing corrigendum. The corrigendum will be notified/ published in e-tendering website www.eprocure.gov.in/epublish/app and Institute website only.
7	Price Bid	

	a	The Prices should be quoted in Indian Rupees only.
	b	Purchaser (being a research Institution) is registered with the Department of Scientific & Industrial Research (DSIR) for the purpose of availing custom duty exemption in terms of GoI Notification No. 51/96-Customs dated 23 July 1996. The bidder should quote their prices considering the exemption certificate. If any certification needed by bidder, may be given to avail this benefit.
	c	Bidder shall take into account all costs including unloading at the location of purchaser, cartage etc. for giving delivery of material at site(s) before quoting the rates. In this regard no claim what so ever shall be entertained.
	d	The bidders are advised not to indicate any separate discount. Discount, if any, should be merged with the quoted unit prices.
	e	The price quoted in price bid shall be firm but subject to change in rate of applicable taxes if any.
	f	The Bidder should avoid the use of vague term such as “Extra as applicable”. Such offers shall be treated as non-responsive.
	g	No extra payment shall be paid on account of any discrepancy in nomenclature of items. The bidder shall seek clarifications if any before submitting the tender.
8	Bid Submission:	
		The bidder is instructed to give their offline offer through Single bid system for this tender. The tender must be placed in a properly sealed envelope super-scribed “ <i>Tender for the Supply of Services.</i> ” with tender inquiry number and its due date addressed to The Director, Maulana Azad National Institute of Technology- Bhopal- 462003 and must reach the office of The Deputy Registrar- Stores & Purchase, Maulana Azad National Institute of Technology, Bhopal on or before as mentioned at IMPORTANT INFORMATION AT GLANCE sheet. The sealed Envelop should be consisting of followings:
	a	Copy of Certificate of Registration of firm, GST Number and Income Tax PAN.
	b	Proof of submission of EMD amount
	c	Copy of similar service experience received from government shall be attached.
	d	Certificate mentioning of Turnover for the last year and OEM authorization letter.
	e	BOQ Annexure-I and Price Bid Annexure-II duly filled and signed.
9	Evaluation of Bids:	
	The Institute may evaluate all the required services in this tender together or independent depending upon nature of items & compatibility and compare the quotations determined to be substantially responsive i.e. which	
	a	are properly signed;
	b	Confirm to the eligibility criteria of the vendor; and
	c	Confirm to the terms & conditions, and technical specifications.
	d	In case, required services in this tender are independent and complete in nature. Institute may evaluate independently as far as price is concerned for placing order(s).
	Evaluation Criteria	

		The evaluation criteria will be as follows:		
		Criteria	Total Weights	Weights (breakup)
		1. Technical Proposal	80%	
		1(a) Project methodology, approach, and plan		50%
		1(b) Previous assignments		10%
		1(c) Experience and capability		10%
		1(d) Resourcing and CVs		10%
		2. Commercial Proposal (price)	20%	100%
10	Validity of Tender:			
	a	The tender shall be valid as mentioned at IMPORTANT INFORMATION AT GLANCE sheet. Terms and financial details submitted in the bid shall be treated as firm during the validity period.		
	b	In exceptional circumstances, prior to the expiry of the bid validity period, the purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing.		
11	Notification of Award:			
	a	Prior to the expiry of the period of bid validity, the purchaser shall notify the successful bidder, in writing, that its bid has been accepted. The notification letter shall specify the sum that the purchaser will pay to the bidder in consideration of the <i>Supply of Services</i> with the details of selected location.		
	b	Purchase/ Contract order shall preferably be issued in favour of bidder. Bidder may request in advance for issuance of Purchase/ Contract order in favour of OEM of product. In this case billing and payment shall be made to OEM only.		
12	Performance Security Deposit:			
	The bidder is required to submit Performance Security in the form of DD/FDR/RTGS/NEFT/BG/Bank Deposit after installation of material along with the bill to the Institute as per slab mentioned below:			
	Order/ Contract Value		PSD Rate	PSD Period
	Less than 2.50 Lakhs		NIL	Delivery period plus two month extra
	Between 2.50 lakhs to 25.00 Lakhs		NIL (for service tender)	
	a	Purchaser's Bank Account details:		
		Account Name	Bank Name	Bank A/c No.
		Director MANIT Bhopal	State Bank of India	10020150107
		SBIN0001608		
	b	In case of breach of contract, performance security shall be forfeited and the bidder shall be blacklisted for such period as decided by the competent authority in addition to cancellation of order.		
	c	Performance Security shall be returned to the bidder without any interest, whatsoever, after completion warranty period as specified in the tender.		
13	Penalty Clause:			

	a	The bidder shall indicate the period within which the ordered services. The bidder shall note that in case bidder fails to do so within the period of delivery indicated by the bidder in price bid of this tender, penalty @ 0.50 % on total value of the PO per week of delay would be levied subject to maximum 20 weeks. It means, the bidder shall have the liability of delayed supply to the maximum of 20 weeks after expiry of scheduled delivery date.
14	Terms of Payment:	
	a	The Payment shall be made within 30 days by purchaser after services.
15	Jurisdiction:	
	a	In the event of any dispute the legal matter shall be subjected to the jurisdiction of Bhopal court only.
16	Details of Contact Persons for Query if any	
Name: Dr. A.K. Sharma		Name: Dr. S. Suresh
Designation: Professor		Designation: Associate Professor
Tel No: 9754813538		Tel No:07554051806
Email: aksphd2000@yahoo.com		Email: sureshs@manit.ac.in

Maulana Azad

National Institute of Technology Bhopal- 462 003

Objectives and Scope of work

With this request for proposal, it is proposed to gather information from Indian Firms/ Institutions/ Organizations/private to provide Services for Chemical profile for Air pollutants assessment in Source apportionment study in Dewas City. The partner organization will provide services to MANIT, Bhopal.

MANIT, Bhopal invites interested parties to submit an RFP to become a partner in the PM chemical profiling as per project needs. The applicant is expected to understand the specific needs of the project in this endeavor and come up with a complete plan. The Applicant should not keep itself from taking initiatives and interacting with the concerned officials/scientists/institutions/body that plays a role in delivering the data and information for this task.

सामग्री की मात्रा/ BILL OF QUANTITY			
SN	Objectives of the services	Quantity	Remarks
1	Services for Chemical profile for Air pollutants assessment in Source apportionment study in Dewas City	01	

Technical Proposal Content

1. Detailed Methodology. The rationale for the above and how the proposed content and methodology will meet the project's objectives. Online presentation by bidders shall be conducted to assess the methodology.
The scope of work for the particulate matter (PM) chemical profiling includes the following key activities:
2. **Chemical Analysis:**
 - a. Detailed laboratory analysis of collected PM samples to determine chemical composition, including but not limited to:
 - i. Elemental and organic carbon (EC/OC)
 - ii. Trace metals (e.g., lead, arsenic, mercury)
 - iii. Ions (e.g., sulfate, nitrate, ammonium)
 - iv. Organic compounds (e.g., polycyclic aromatic hydrocarbons)
 - b. Application of advanced analytical techniques such as XRF, ICP-MS, Ion Chromatography, and GC-MS as appropriate.
3. **Data Quality Assurance/Quality Control (QA/QC):**
 - a. Implementation of QA/QC procedures including calibration, blank samples, duplicate samples, and standard reference materials.
 - b. Validation and verification of chemical data to ensure accuracy and reliability.
4. **Source Apportionment Support:**

- a. Provision of chemical speciation data to support receptor modelling and source apportionment studies.
- b. Collaboration with modelling teams to integrate chemical profiles into dispersion and receptor models.

5. Reporting:

- a. Preparation of comprehensive reports detailing sampling methodology, analytical procedures, data interpretation, and key findings.
- b. Presentation of chemical profiles highlighting major pollutant species and their likely sources.

Financial Proposal Content

1. The proposal should be complete, i.e., it should list all costs associated with the Assignment.
2. The Financial Proposal should identify, as a separate amount, the local taxes duties, fees, levies, and other charges imposed under the applicable law, on the consultants and their personnel.
3. The financial proposal should be prepared in Indian Rupees.

We confirm with our acceptance to the technical specification as given above.

Date:

BIDDER'S NAME &
SIGNATURE WITH SEAL

				ANNEXURE- II		
FORMAT FOR SUBMISSION OF BID PRICE						
To,						
The Director						
MANIT- Bhopal- 462 003						
Sub:	Price Bid with reference to Enquiry Document dated					
S N	Product Description with make & Model	Discounted unit price	Qty	Qty Price	GST	Total Price
1	2	3	4	5	6	7(5+6)
1	Services for Chemical profile for Air pollutants assessment in Source apportionment study in Dewas City	01				
Total offered Price						
Total (In Words):						
Delivery Period required:						
The followings things are confirmed and undertake by us that:						
a	The price quoted above are inclusive of statutory Levies & Taxes, Duties, Transportation and other charges (Insurance, Loading/ unloading, Packing & Forwarding charges, Installation etc.) at site.					
b	Taxes are subject to change/ revision.					
c	We agree with the terms and conditions specified in “Instructions to Bidders” and if selected, the execution of supplies would be made as per bill of Quantity & Specification.					
Date:		Signature of Authorized Bidder with proper rubber stamp				