



INDRAPRASTHA INSTITUTE of
INFORMATION TECHNOLOGY
DELHI

**TENDER FOR SUPPLY & INSTALLATION OF
MOBILE VEHICULAR AIR QUALITY MONITORING NETWORK
FOR
INDRAPRSTHA INSTITUTE OF INFORMATION TECHNOLOGY DELHI
PHASE-III, NEW DELHI-110020**

(Tender no. IIITD/S&P/AIR QUALITY MONITOR /51/2019-20)

INVITATION FOR BIDS

Indraprastha Institute of Information Technology -Delhi (IIITD), a State University created by an Act of Govt. of NCT of Delhi, invites sealed bids for **Supply and installation of Air Quality Monitor Devices** (as per specifications mentioned under Scope of Work below) for its campus at Okhla Phase-III New Delhi-110020.

1. An amount of Rs. 15,000/- (Rupees Fifteen Thousand only) towards earnest money (EMD) must be deposited in the form of demand draft in favour of "IIIT-Delhi Collections" account, payable at New Delhi. No interest will be paid on the earnest money deposited by the bidder. Tender Document without earnest money will be summarily rejected.
2. The tender document can be downloaded from the Institute's web-site. Those wishing to get the copy of the document from the Institute may please deposit non-refundable Tender Document Fee of Rs.1,180/- (Rupees One Thousand One Hundred Eighty only) in the form of Demand draft drawn in favour of IIIT-Delhi Collections", payable at New Delhi or may deposit Rs.1,180/-with the F&A division of the Institute and enclose the receipt with the filled up tender document.
3. The last date for submission of bid is 16th October, 2019 up to 3:00 PM. The Technical bids shall be opened on the same day i.e. 16th October, 2019 at 3.30 P.M. The Tender Document should be addressed to:

**Registrar,
Indraprastha Institute of Information Technology-Delhi
Okhla Phase-III
(Behind Govind Puri Metro Station)
New Delhi-110020.**

The document may be deposited in the Tender Box kept in the Store & Purchase department at the Room no. A 107, First Floor, Old Academic Block of the Institute. Bids received after 3:00 PM will not be accepted or considered under any circumstances.

Bidding Procedure:

1. Bids are invited in Two Bids System i.e. (1) Technical and (2) Financial.

Technical and Financial bids should be sealed separately and enclosed in a sealed envelope clearly indicating separately Technical Bid for "**Supply and installation of Workstations**" and Financial Bid for "**Supply and installation of Workstations**" addressed to Registrar IIT-Delhi, Okhla Industrial Area Phase-III, New Delhi-110020.

2. Sealed quotations shall be received not later than 3.00 P.M. on 16 October, 2019. No bids will be accepted after this date & time under any circumstances. The Institute will not be responsible for any postal/courier delay and also for reasons beyond control of the Institute.
3. Technical bids must contain the EMD for specified amount, along with complete technical details as desired by this tender. Technical bids of all the tenderers will be opened on pre scheduled date, time & venue. Technical bids without EMD will be summarily rejected. The financial bid will be opened after evaluation of the technical bid. Financial bid of only those meeting the requirement of the Institute will be opened and no representation in this regard will be entertained. The date, time of opening of financial bid will be communicated later.

Scope of Work

Technical Specifications of the Mobile Vehicular Air Quality Monitoring Network (Supply & Installation) (Quantity - 10)

Sr. No	Item	Quantity
1	<p>Realtime Mobile Vehicular Air Quality Monitoring Network</p> <ul style="list-style-type: none">- Measuring PM₁, PM_{2.5}, PM₁₀ particle counts & concentrations- Temp, Humidity, Pressure data- Cellular GPRS 2G & 2.5G Edge Network based data transmission- Air Quality sensor data & GPS location data sampling at every 1 secs with configurable cellular data transmission at every 5 mins- Includes cellular SIM card subscriptions necessary for operation- Remote device configuration via SMS for data tx frequency- 5V / 2A input power with under 4 watt hour power consumption (min 24 hrs on 20,000 mAh battery with realtime data every 5 secs)- Option to add additional power banks for longer autonomous monitoring- Realtime Streaming Data APIs (HTTP REST) in JSON/XML/CSV formats with advanced fast time-series analytics on a web portal (average, std deviation etc.)- Optional upgrades for monitoring NO_x, O₃, SO_x gas pollutants (by adding additional gas sensors)	10
2	Commissioning, installation & maintenance of equipment for 1 year, replacement of sensors in the event of malfunction.	10

Minimum Eligibility Requirement:

- 1 Bidders should have sales and support office in Country. **A self-certified document in support of this must be enclosed.**
- 2 The warranty provided by the bidder should have a back to back arrangement of the supply parts. **A self-certified document in support of this must be enclosed.**
- 3 The bidder should be able to provide 24x7 NOC & Tele support of their own if required by IIITD at agreed terms. **A self-certified document in support of this must be enclosed.**
- 4 The bidder shall provide the Registration number of the firm along with the valid GST number with PAN Number allotted by the competent authorities. **A self-certified document in support of this must be enclosed.**
- 5 The bidder must not be blacklisted by Central Government, State Government or Government of Corporations in India. **A certificate or undertaking to this effect must be submitted.**
- 6 Bidder should provide on a regular basis with technology/product updates and extends support for the warranty as well. **A self-certified document in support of this must be enclosed.**
- 7 The bidder must be responsible for supply, deploy and support the infrastructure.
- 8 If bidder do not meet its SLA, IIITD put the fine of 2000/- Rs per day for first seven days and @ Rs.5, 000/- per day from 8th day onwards will be levied.
- 9 Bidders can seek clarifications, raise technical queries etc. related to Tender by 30-9-2019 via email to **praveshb@iiitd.ac.in** & for financial queries to e-mail **ajay@iiitd.ac.in** .The replay to clarifications sought or queries raised will be replied within 05 days by 04-10-2019 and uploaded on the website of the institute under www.iiitd.ac.in Based on this the bidders may submit bids as prescribed by the due date the time. No clarifications in any other form will be provided.

Following information must accompany the financial bid:

1	Name, address and telephone number of the firm/company	
2	Name of the contact person and contact details (mobile/telephone number etc.)	
3	Name of the Bank and full address	
4	Bank Account Number	
5	PAN & GSTIN (Attach self-certified copy)	
6	Valid self-certified copy of authorization from Bidder	
7	Copy of Partnership Deed/ Certificate of registration of company or any other document evidencing registration of the bidder	
8	Number of Years of Experience	
9	Details of DD towards: Tender Fee: EMD:	
10	Provide the previous PO's of the same items work executed during last three years (attested copies of the Orders to be enclosed)	
11	List of service centers, nearest location of support centre.	
12	Turnover of the bidder in the financial years: 2016-17 2017-18 2018-19 Please attach CA certified copy of the turnover.	
13	ISO 9000 Certification (please attach certified copy)	

I /We hereby certify that the information furnished above is full and correct to the best of my/our knowledge.

(Signature of the authorized Signatory)
Name:
Office Seal.

Date:
Place:

TERMS AND CONDITIONS

1. The financial bid should be valid for a period of not less than 60 days from the date of opening of bid.
2. Upon placing of the Purchase Order (PO), the successful bidder is required to submit performance Bank guarantee (PBG) equivalent to 10% of the PO value within 07 days of the date of PO, failing which the EMD amount will be forfeited and the bidder shall be notified as blacklisted. The PBG will be valid for a period of 60 days beyond the stipulated date for cessation of the contract which is co-terminus with the warranty period. No interest is payable on the PBG.
3. PBG will be realized by IIIT-D in case of termination of the contract for unsatisfactory performance and/or non-performance of the contract.
4. The Product to be supplied within a period of 3 weeks from the date of the Purchase Order by the Institute. If vendor fails to supply the item as quoted in the Technical & Financial bid, the EMD amount will be forfeited and the bidder shall be notified as blacklisted, or as deem appropriate by the institute.
5. Minimum one year service & replacement warranty from the date of delivery/installation.
6. Installation of the devices & maintenance in buses/autos (The list will be provided by us)
7. The bidder should have their own test and repair facility with certified engineers.
8. Bids will be opened in the presence of bidder's representatives, who choose to attend on the specified date and time. Only one representative shall be allowed to attend.
9. Sealed bid can be sent either by post or by messenger. The responsibility of delivery of bid lies entirely with the bidder.
10. 100% payment will be released only on satisfactory installation / services as per scope of work as certified by officer in charge of the Institute and after producing the GST invoice. Bidder does not agree to above payment terms are requested not to submit their bid.
11. Payment will be paid only if required SLA as mentioned in scope of work is met.
11. In the event of dispute, Director, IIIT-Delhi shall be the sole arbitrator and his decision shall be final and binding on both the parties.
12. IIIT-Delhi does not bind itself to accept the lowest or any other offer and reserves the right to accept or reject any or all the offers either in full or in part without assigning any reason.
13. In case the bidder is not able to execute the Work as per terms, EMD/PBG shall be forfeited.

PROFORMA FOR FINANCIAL BID

S. No.	Details	Qty.	*All Inclusive Cost (Please quote in INR only)*
1	Supply and installation of Mobile Vehicular Air Quality Monitoring Network of Air Quality Monitors (As per scope of Work)	10	
2		Discount, if any	
		Total Amount Rs.	
	Total Final Cost (in figures) with Installation at IIIT Delhi campus Okhla Phase III, New Delhi. The Bidder may obtain price in Forex(USD) however the quote in financial Bid should be INR only. <i>*If any documents are required for availing custom duty exemption, the IIITD will provide the same. Please quote price accordingly.</i>		

Please note the price should be quoted for each of the item and should be inclusive of all taxes/charges and installation at IIIT-Delhi.

****In terms of Notification No. 45/2017-Central Tax (Rate), dated 14/11/2017 of the Government of India, Ministry Of Finance (Department Of Revenue), vide Sr. No.2, the Indraprastha Institute of Information Technology-Delhi being a University established by an Act of the Govt. of NCT of Delhi (Delhi Act 5 of 2008) and registered with the Government of India in the Department of Scientific and Research (Regn. No. TU/V/RG-CDE (1157) 2018, dated 14.09.2018) is eligible for concessional rate of 5% GST on items as specified in the Notification.***

The discount, if any should be mentioned herein and nowhere else.

Total Cost (all inclusive) of quantity mentioned above (in words) at IIIT-Delhi campus:

We accept that the rate quoted above shall remain valid for a period of 60 days from the last date of the tender document i.e. 60 days from 16th October, 2019. It is certified that the rates quoted above are not more than the rates charged from any Central / State Govt. Deptt. / Institution / GeM.

(Signature and seal of the Bidder)