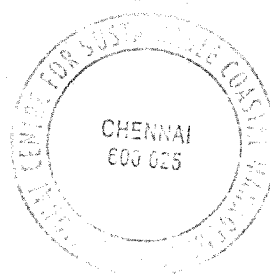


E-5

**PROCUREMENT OF GOODS
UNDER
SHOPPING PROCEDURES**

*(For Contracts valued less than the
equivalent of US \$30,000 each)*



INVITATION FOR QUOTATIONS FOR SUPPLY OF GOODS UNDER SHOPPING PROCEDURES

To

Dear Sir,

Sub: INVITATION FOR QUOTATIONS FOR SUPPLY OF SCIENTIFIC EQUIPMENTS

1. You are invited to submit your most competitive quotation for the following goods:-

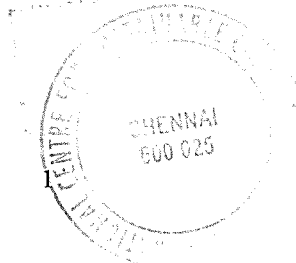
Brief Description of the Goods	Specifications	Quantity	Delivery Period	Place of Delivery	Installation Requirement if any
HIGH VOLUME AIR SPM SAMPLER WITH ACCESSORIES (SCIENTIFIC EQUIPMENTS)	Refer Annex – I	Refer Annex – I	30 – 45 days	NCSCM, Chennai	

2. Government of India has received a credit from the International Development Association (IDA) towards the cost of the Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.

3. Documents Establishing Bidder's Eligibility and Qualifications:

3.1 The Bidder shall furnish, as part of its quotation, following documents to establish the Bidder's eligibility to quote and its qualifications to perform the Contract if its quotation is accepted -

- (a) Bidder is manufacturer/agent authorized by the manufacturer/Authorized dealer;
- (b) The legal status, place of registration, place of business of the company, or firm or partnership;
- (c) In case of manufacturer:
 - (i) Details of Manufacturing unit;
 - (ii) Copy of Manufacturing license duly renewed up to date;
 - (iii) Copy of Capacity installation certificate;
- (d) In case of agent, Manufacturer's authorization to submit quotation on his behalf;
- (e) In case of authorized dealer, valid dealership certificate as on date of opening for the goods, for which quotation is being submitted;
- (f) Copy of Registration with Commercial Tax Authorities and TAN;



- (g) PAN with self attested copy of PAN; Satisfactory performance report from at least 2 clients in India or developed countries stating that he has supplied, installed and commissioned satisfactorily at least 100 % of the quantity similar to the type specified in the "Schedule of Requirements" in any one of the past three financial years i.e. 2013 - 14 to 2015 - 16, which must be in satisfactory operation for at least 12 months on the date of opening of quotations.

The bidders should furnish the above information along with prescribed format attached. (Attachment 1)

4. Bid Price

- a) The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re-writing.
- b) All duties, taxes and other levies payable on the raw materials and components shall be included in the total price.
- c) Sales tax in connection with the sale shall be shown separately.
- d) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- e) The Prices shall be quoted in Indian Rupees only.

5. Each bidder shall submit only one quotation. Bidder shall not contact other Bidders in matters relating to this Quotation.

6. Validity of Quotation

Quotation shall remain valid for a period not less than 90 days after the deadline date specified for submission.

7. Evaluation of Quotations

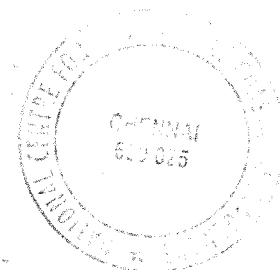
The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

- (a) Are properly signed;
 - (b) Conform to the terms and conditions, and specifications and
 - (c) Has submitted all the documents asked for in 3 above
- The Quotations would be evaluated for all the items together.

Sales tax in connection with sale of goods shall not be taken into account in evaluation.

8. Documents Establishing Goods' Conformity to Bidding Documents

- a The documentary evidence of conformity of the goods and services to the bidding documents may be in the form of literature or drawings or any other documentary proof.



9. **Award of contract**

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

9.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

9.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the supply order.

10. Payment shall be made immediately after delivery of the goods.

11. Normal commercial warranty/ guarantee shall be applicable to the supplied goods.

12. You are requested to provide your offer latest by 15/05/2017 hours on 11.00AM.

13. We look forward to receiving your quotations and thank you for your interest in this project.

(Purchaser)

Name: R. Ramani

Address:

Tel. No.

Fax No.



FORMAT OF QUOTATION *

Item No.	Description of the goods	Quantity	Unit	Quoted unit price for delivery up to destination	Unit Cost of Incidental Services (Rs)	Total Unit cost (Rs.) [Col(5+6)]		Amount (Rs.) [Col(3x7)]	Sales and other taxes payable
						In Figures	In words		
1	2	3	4	5	6	7	8	9	10
Item 1									
2									

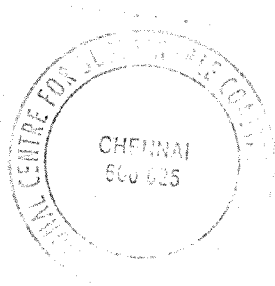
Gross Total Cost: Rs.

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. (amount in figures) (Rs. amount in words) within the period specified in the Invitation for Quotations.

We also confirm that the normal commercial warranty/guarantee of months shall apply to the offered goods.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery or collusive agreements with competitors.

Signature of Supplier



Attachment 1

Format of Performance Statement for the last three years to be submitted by the Bidder

IFQ No.....

Name of Bidder.....

Order placed by (Full address of Purchaser)	Order No. and date	Description and quantity of equipment ordered	Value of order (Rs.)	Date of completion of delivery As per contract/ Actual or revised	Quantity of supplies made as on date	Additional supplies to be made in the period of this contract	Remarks indicating reason for late delivery, if any	Has the equipment been satisfactorily functioning (Attach a certificate from the Purchaser)
1	2	3	4	5	6	7	8	9



Annex-I

TECHNICAL SPECIFICATION - HIGH VOLUME AIR SPM SAMPLER WITH ACCESSORIES QUANTITY - 3 NOS

Specifications	Detailed Specification
1. Inlet	Sampling Inlets for PM ₁₀ , PM _{2.5} , PM _{1.0} and TSP
2. Flow	· Volumetric Flow Rate 0 to 20 SCM ³ /hr (standard cubic meter per hour) through a filter media
	· Flow accuracy: better than ± 1.0 m ³ /hr
	· Flow repeatability: $\pm 1.0\%$ of reading
	· Microprocessor based digital flow controller for constant flow rate even as particulate matter loading in filter increases
3. Filter	· Filter holder: Anodised aluminium or any non-reactive and non-corrosive material
	· Filter Media: Quartz, Teflon or Glass Fibre filter,
	· 4" Diameter filter holder with filter support rod and SS mesh adapter.
4. User interface	· Interface: accessed via in-built keypad and LCD display.
5. Operation	· Simple user programming of sampling periods, including multiple daily, weekly, 1-in-x days sampling sequences as well as continuous operation
	· Data Storage: Internal data logging with time/date stamp, total STP corrected and uncorrected sample volume, average temperature, pressure. RS232C/USB serial interface to enable data to be easily downloaded to PC or remotely via a modem/GSM
	· Display: Flow rate LPM, Volumetric flow, Ambient temperature, Filter temperature, Barometric pressure
	· Output terminal: USB transferring data into pc.
6. Other	· Sampling system: Sampled air should be dried before passing through the filter, mention the suitable drying method, heating of air should be avoided
	· Operating Environment: Operating Ambient relative humidity 0-99%. temperature 0-50°C,
	· Quiet operation: Sampler should have extremely quiet operation as it may be used in residential locations. < 60 db
7. Filter paper	· Calibration: Flow rate calibration kits to be provided
	Clock / Timer system: Programmable real time control system with automatic start & stop & digital display of date & time & time of sampling. Accuracy ± 2 min / month Construction: Weatherproof enclosure required
8. Training	Filter paper for collection of :PM 2.5 μ PM 10 μ PM 1.0 μ size particle
9. Warranty	On site training in operation and maintenance
10. Power Requirement	Two years onsite comprehensive warranty. Supplier will provide essential spares during comprehensive warranty period
	230V AC, 50 Hz

