

BIDDING DOCUMENT
FOR
SUPPLY
OF
RESPIRABLE DUST SAMPLER
WITH
GASEOUS SAMPLING ATTACHMENT

West Bengal Pollution Control Board
Paribesh Bhawan
Block – LA, Sector – III, Salt Lake
Calcutta – 700 098
Ph & Fax: 2335 8730

Invitation of Bid

West Bengal Pollution control Board invite bids from reputed vendors for supply, installation, training and warranty support for Respirable Dust Sampler(s) with Gaseous Sampling Attachment. The tender document for this may be purchased from the Accounts Section of the Board between 1100 hours and 1500 hours (of any working day of the period during which the bid will be open for sale) from its' head office or downloaded from the TENDER/NOTICE section of the Board's web site. In case the tender document is downloaded, an amount of Rs. 1000/- as tender fee shall have to be paid in DD/Banker's Cheque in favour of WEST BENGAL POLLUTION CONTROL BOARD payable at Kolkata, along with the technical envelop of the bid.

The Bidding Procedure

1. The Bidding will take two envelopes simultaneous Bidding procedure. Each bid shall consist of separate envelopes for the Technical Bid and Financial Bid to be submitted simultaneously by the designated date mentioned below and at the specified place. The Technical Bid will be evaluated first and Financial Bids for the Technically Qualified Bidders only will be opened. Unopened financial bids will be returned later.
2. The Technical Bid should contain the following three (3) identifiable documents.
3. The Earnest Money Deposit (EMD) at the rate of 2% of the quoted price in form of Cheque or Draft in favour of "West Bengal Pollution Control Board". This EMD of unsuccessful bidder(s) shall be refundable at the end of the process of awarding the contract. EMD of successful bidder will be released after submission of performance security.
4. Copies of valid Trade License, ST / VAT & Latest IT Return.
5. The compliance to the technical specifications with supporting documents / brochures / papers etc.
6. The bidder must quote for all items. In case the bidder does not quote for supply of all the items, the bid may be liable for rejection at technical evaluation stage. Submission of offer from any vendor in any other way or method shall be rejected.
7. One (1) sealed envelope for the Financial Bid separately will have to be submitted. The Financial Bid should consist of the page for bid price in the Bid Document, duly signed and stamped, along with other explanatory price break up pages.
8. The vendor shall quote only one price for each item conforming to the specification of items as per this document. Quotations with multiple prices for an item shall be rejected.
9. One (1) sealed envelope for the Technical Bid separately will have to be submitted. The Technical Bid should consist of the entire bid document excepting the page for bid price duly signed and stamped on each page. The **Bidder's Response column** have to be filled up by the bidder with supplements in favour of his/her claim. Non submission of this may lead to cancellation of the bid. The duly filled up Bidder's Response column will be understood as the technical offer of the bidder so far as compliance to the specification is concerned.
10. The selection of a successful vendor will be made on the basis of (1) offers true to the specifications for all the items and (2) offers with best price.
11. The Board may not accept offer only on basis of lowest price.
12. The Board reserves the right to cancel the entire bidding process at its discretion without assigning any reason.
13. If the Vendor fails to submit any document asked for or furnish incomplete document the Board may reject the quotation.
14. The quoted price should be inclusive of cost of the items, all taxes and transportation and the quoted price should remain valid till 31 July, 2013. The quantity of items mentioned in this document is only approximate; the actual amount may vary. The vendor shall be bound to supply the items quoted at the price quoted up to 31 August 2013.
15. **Pre Bid Meeting: All prospective bidders may attend the pre-bid meeting to be held on 24 December 2012 at the Training Hall at the Head Office of the Board.**

◆ **Last Date of submission of Tender Papers** **28 / 12 / 2012; 1400 Hrs**

◆ **Date of opening of Tender Papers** **28 / 12 / 2012; 1500 Hrs**

Properly filled in Bid Document in sealed envelop superscribed "Bid for RDS with gaseous sampling attachment for WBPCB" to be deposited into the Box (mentioned "WBPCB INSTRUMENTS") at the reception of the Board at it's Head Office.

TERMS AND CONDITIONS FOR BIDDING

1 Scope of work

The scope of the present work lies in supply, installation, commissioning and providing training and warranty support for the following instruments to the laboratories indicated below.

Items to be supplied: Respirable Dust Sampler (s) with Gaseous Sampling Attachment.						
AT LABORATORIES						
Siliguri Lab	Durgapur Lab	Hooghly Lab	Malda Lab	Haldia Lab	Kankinada Lab	Central Lab
1 Number	1 Number	1 Number	1 Number	1 Number	1 Number	1 Number

2 Price

Quoted price shall be firm and inclusive of all costs including delivery up to DESTINATION. The form of BID PRICES to be submitted duly filled in is enclosed as Attachment.

3 Payment

Method of Payment

(1) Foreign Currency Portion

Payment to the Supplier in foreign currency shall be made by means of an irrevocable Letter of Credit.

(2) Local Currency Portion

Payment to the Supplier in local currency shall be made in Indian Rupees by means of bank cheque.

Terms and Conditions of Payment

(1) Equipment of Foreign Origin and Supplied from Abroad

Hundred (100) percent of CIF price against the shipping documents as will be detailed in Letter of Award.

Hundred (100) percent of the inland transportation, port clearance charges and all other costs on supply and satisfactory completion of installation and training at respective sites duly certified by the consignee.

(2) Equipment Supplied from India

Hundred (100) percent of the Ex-works price, 100% of inland transportation and 100% of applicable taxes and other duties on supply of the equipment at the respective sites, satisfactory completion of installation and training at respective sites duly certified by the consignee.

4 Price

The Prices quoted shall be firm and valid for a period till 31 August 2013 from the date of submission of the quotation. Any increased cost incidental to the performance of the Works due to any economic dislocation either in the origin country or India or to any other causes such as currency restriction, price hike of the Equipment, wage hike for labour or revaluation of the currency can not be claimed by the Supplier.

5 Taxes and Duties

VAT / Sales tax, as applicable, will not be taken into evaluation. West Bengal Pollution Control Board being an exempted Organization for Customs Duty on Import and Excise duty as applicable in India, question of separately taking care of such costs in evaluation does not arise. The Supplier shall be entirely responsible for all taxes, license fees, etc., incurred on the equipment supplied from India until the handing over of such equipment to the Board.

Sales Tax / VAT, as applicable, is payable only on material value of the items.

The Supplier shall be solely responsible for obtaining Deemed Export benefits, if any. In case of failure to receive such benefits, the owner will not compensate the Supplier. Owner however, shall provide necessary documents to enable the supplier to get this benefit if applicable.

5 Notification of Award and Signing of Contract

The notification of award will be made to the selected supplier in writing within the period of validity of the quotation. The document of notification of award and the terms and conditions of quotation shall constitute the formation of the Contract.

Within thirty (30) days of the receipt of notification of award from the Board, the supplier shall sign the Contract as per format attached. The Bidder shall prepare at his own cost four (4) original copies of the Contract including the Contract Form for distribution to the parties concerned.

6 Performance Security

The Supplier within thirty (30) days from the date of notification of award shall furnish a Bank Guarantee from a reputed Indian or Foreign Commercial bank having license to do business in India to the Board in line with the enclosed form towards performance guarantee for an amount equal to ten (10) percent of the total Price of award for faithful and. due fulfilment by the Supplier of all obligations under the terms and conditions laid down herein. The bank guarantee should remain valid up to forty five (45) days after the expiry of warranty period as specified herein.

The performance security will be discharged by the Board and returned to the Supplier not later than forty five (45) days after expiry of warranty period following the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in this document.

7 Warranty

This warranty includes all spare parts and services to keep the instruments and equipment in operating condition. The Supplier shall warrant to the Board that the Equipment complies strictly with the Specifications and has no defect, arising from design, materials, or workmanship or from any act or omission of the Supplier, that may develop under normal use of the supplied Equipment in the conditions prevailing to the final Sites.

Period of Warranty

In addition to the standard one year warranty, the bidder shall propose an additional warranty for **five years** from the date of expiry of the standard warranty. The cost of the additional warranty shall have to be mentioned explicitly in the BID PRICE SUMMARY form

In Case of Faulty Equipment

If any part of the Equipment breakdowns or fails due to faulty of improper design, materials, workmanship, manufacture, fabrications or installation, or fails to meet the requirements of the Specifications, then the Board shall promptly notify the Supplier in writing of any claims arising under this warranty.

Upon receipt of such notice, the Supplier shall within the period specified in the notice and with all reasonable speed, shall replace the defective Equipment or improper parts thereof at the Supplier's expenses

If the Supplier, having been notified, fails to remedy the defect(s) within the period specified, the Board may proceed to take such remedial action as may be necessary at the Supplier's risk and expense and without prejudice to any other rights which the Board may have against the Supplier under the Contract.

8 Insurance

The Equipment supplied under the Contract shall be fully insured in currency acceptable as per the existing Law of India against loss or damage incidental to manufacture or acquisition, transportation, storage, shipment, delivery, installation and training involved with the Works naming the Board as the beneficiary until satisfactory installation and commissioning certified by the consignee.

9 Installation

All the Equipment shall be installed and brought into suitable conditions for operation by the Supplier at the Sites designated by the Board. The Supplier shall make all the necessary and proper adjustments and arrangements in order to install the Equipment in adequate conditions for operation.

All matters omitted from this Clause which may reasonably be incurred to be obviously necessary for the proper installation and operation of the Equipment shall be deemed to be included in this installation works, and the Supplier shall be held responsible for any errors or defects which the Supplier may make due to such omissions thereof. All the installing equipment, tools, materials, labour logistics and all the other requirements for installation shall be provided by the Supplier. Prior to the establishment of Equipment layout and installation plan. the Supplier shall verify, check and inspect the designs and specific site conditions of monitoring stations and laboratories where the Equipment are to be installed so as to make good arrangement for installation and utility assembly in consultation with the Board.

11 Taking Over

Upon successful completion of delivery, installation and commissioning of the Equipment at the designated Sites, the Supplier shall notify the Board in writing that all the Works under the Contract except the obligation of the warranty have been completed. Within fifteen (15) days after such notice from the supplier the Board will issue certificate of taking over after successful commissioning of equipment.

12 Completion of work

The Supplier shall complete the entire work of supply, installation, commissioning and handing over within a period of thirty (30) days of award of the contract by the Board.

13 Delay in completion of work

The Supplier shall pay to the Board as liquidated damage a sum equivalent to half (0.5) percent of the unit price in the Contract Price for Equipment undelivered / works not completed, per week of delay, subject to a maximum delay of 10 weeks. Thereafter the Supply contract is liable to be cancelled

14 Applicable Law and Arbitration

Laws, Rules and Regulations applicable within the jurisdiction of the Republic of INDIA shall be applicable in case required.

In the event of any dispute or difference whatsoever arising under the contract or in connection therewith including any question relating to existence, meaning and interpretation of the contract or any alleged breach thereof, the same shall be referred to the sole Arbitration of the Chairman of the WEST BENGAL POLLUTION CONTROL BOARD or to a person appointed by him for that purpose. The arbitration shall be conducted in accordance with the provisions of Arbitration and Conciliation Law 1996.

SUMMARY OF BID PRICE FOR EQUIPMENT:

DESCRIPTION (Name of Equipment):	TOTAL VALUE
1. SUPPLY OF THE EQUIPMENT OF FOREIGN ORIGIN	
1) (In Bid-Currency)	
a. FOB price for Equipment	
b. FOB price for Consumables and spare parts	
c. Freight	
d. Insurance up to Calcutta Air Port	
2) CIF Price at Calcutta (bid currency) (1a + 1b + 1c +1d)	
3) Local Costs (bid currency/ or INR)	
a. Port handling and clearance charges.	
b. Transportation cost from Calcutta port to Sites	
c. Insurance up to handing over	
d. Installation and commissioning	
e. Cost of Additional Warranty	
4) Sub total (3a + 3b + 3c + 3d)	
5) Other incidental costs, if any (such as Indian agents Commission)	
Sub Total Foreign Origin (2) + (4) + (5) :	
2. SUPPLY OF THE EQUIPMENT OF LOCAL ORIGIN (INR)	
1) Ex-works/Ex-factory/Ex-warehouse/Ex-showroom/Off-the-shelf Price of Equipment	
2) Cost of Additional Warranty	
3) Consumables and spare parts	
4) Delivery costs (transportation , Insurance etc.)	
5) Installation and commissioning	
6) Other incidental cost, if any	
Sub Total INR (2a + 2b + 2c + 2d + 2e)	
GRAND TOTAL	
BID CURRENCY :	
INR :	

NOTE: 1) VAT / SALES TAX AND OTHER TAXES PAYABLE AT ACTUAL (EXTRA).

Respirable Dust Sampler

TECHNICAL SPECIFICATION FOR LABORATORY INSTRUMENT/EQUIPMENT							
Quantity	□6	Central Lab	□7	Regional Lab	□0	Total	□7
BOARD'S SPECIFICATION				BIDDER'S RESPONSE			
MAKE & MODEL							
	Manufacture	-					
	Model	-					
	Electricity	-					
	Other necessary utility	-					
	Dimension / Weight	-					
1	General	<ul style="list-style-type: none"> •Brushless blower. •Must be provided with a suction port and mounting hardware to facilitate interface of a Gaseous Sampling attachment. •Capable of reducing noise significantly during operation •Capable of elimination of Electromagnetic interference(EMI) to TVs . •Provision of light for flow and time reading during night. •Toolbox within the instrument •Lockable casters for field convenience •Lockable top cover & gaseous attachment •Improved cabinet design with SS hardware 					
2	Method compatibility	<ul style="list-style-type: none"> ◆ IS 5182 (Part 23): 2006 ◆ IS 5182 (Part 26): 2006 ◆ IS 5182 (Part 2) : 2001 Reaffirmed 2006 					
Respirable Dust Sampler							
3	Specification						
	Flow Rate	0.9-1.4 m ³ /min free flow					
	Particle size	Particles of 10 microns & below collected on Filter Paper holder. SPM bigger than 10 microns collected in a separate sampling bottle under the cyclone.					
	Sampling time	28 hours (maximum)					
	Sampling Time record	0 to 9999.99 hrs. recorded on a Time Totalizer.					
	Automatic Sampling	24 hrs programmable timer to automatically shut off the system after pre set time interval.					
	Power requirement	Nominal 220 V, Single Phase, 50Hz AC mains supply.					

TECHNICAL SPECIFICATION FOR LABORATORY INSTRUMENT/EQUIPMENT							
Quantity	□6	Central Lab	□7	Regional Lab	□0	Total	□7
BOARD'S SPECIFICATION				BIDDER'S RESPONSE			
	MAKE & MODEL						
Gaseous Sampler							
	Flow Rate	0.3 to 3 LPM ,accuracy: 2% of span					
	Flow Control	Four inlet & one outlet with built in needle valves for flow control of each unit					
	Sampling Train	4 Nos. of 35 ml Borosilicate glass impingers					
8	Warranty	Warranty of 5 years including replacement of equipment/ parts if found manufacturing fault/ malfunctioning. Periodical recalibration (before expiry of the previous) from NABL accredited authority is mandatory under this warranty.					