

F. No: A-21014/02/2014/Ring Test/Air Lab/

July 06, 2015

To,

(As per the list enclosed)

Sub: Invitation of sealed quotations for:

- (1) Supply, Installation, and testing of Ring Test System (under buy back)
(2) Shifting & Installation of Static Injection System” in CPCB, Delhi.**

Sir,

Sealed quotations are invited on behalf of Central Pollution Control Board for the following work:

Part – ‘A’: Supply, Installation, Commissioning and Testing of Ring Test System (New items)

1. The Ring test system is proposed to be developed in the Renovated Air Laboratory at 4th Floor, Parivesh Bhawan, CPCB, Delhi-110032 and the system shall contain the following items:
- a) Gas mixing chamber with 8 ports/nozzles with ball cum butt joint.
 - b) Glass splitter with threaded ports of a total length 12 inch (300 mm) having 4 nozzles on one side with ball cum butt joint.
 - c) L- bend with ball cum butt joint on both ends.
 - d) Straight glass tube of each 3 feet length (outer diameter 42 mm) with ball cum butt joint on both side & 1 ball cum butt T-joint for fixing of Glass Splitter.
 - e) S.S. clamp with S.S. nuts and bolts to be used for holding the entire system.
 - f) Powder coated MS clamps complete set with SS Bolt and nut with rubber packing should be used for wooden boards.
 - g) Proper threading shall be provided on all ports/nozzles of mixing chamber and glass splitter unit with Teflon Ferule (open and close) and plastic lid.
 - h) The actual quantity of items shall be calculated as per actual site requirement. However, the tentative quantity of each material are tabulated below:

i)

S. No.	Description of items	Tentative Qty	Unit Rate in Rs.
1	Supply, installation and testing of Ring Test System with the following items:	1 set	

S. No.	Description of items	Tentative Qty	Unit Rate in Rs.
2	Glass gas mixing chamber with Ball cum Butt joint (refer layout annexed)	01 no.	
3	L Glass Bend with Ball cum Butt joint at both ends	02 no.	
4	Glass Splitter with Ball cum Butt Joint (04 threaded ports) (Refer layout annexed)	06 no.	
5	Straight Glass Tube Each Tube of 3' length.	40 feet	
6	SS L- Clamp for Holding Gas Mixing Chamber	01 no.	
7	SS Clamps for Holding Glass Splitter	50 no.	
8	SS Clamps for Holding Glass Tube	50 no.	
9	SS Clamps - Roof to Wooden Board	04 no.	
10	SS Clamps - Wall to Holding Wooden Board	08 no.	
11	SS Bolts, Nuts, Rivets and Fasteners for Roof / wall etc and Assorted multiple accessories.	As per actual	
12	Teflon Ferrule with Lid & Stopper for Glass Splitter Port	30 no.	
13	Powder Coated MS Clamps complete set { SS Bolt & Nut with rubber packing for wooden Board }	40 no.	
14	Installation, Packing, Transportation ,Taxes and other charges (if any)	-	

- The Layout plan for the Ring Test System is annexed.
- Medium Wall Boro-Silicate Glass Tube (outer diameter 42mm) to be used for the entire System.
- Wherever required, SS or Powder Coated MS clamps should be used for Clamping.
- Wooden Laminated Board to be used.
- The firm may visit the site before quoting the rates for understanding the scope of work.

Part – 'B': Items for buy back

S. No.	Description of items	Qty.	Amount (Rs.)
1	One Glass Gas Mixing Chamber, 42 mm outer dia Glass Tubes of approx. 32 feet (4'x8 nos.), 5 nos. of T joint, Glass Splitter 05 Nos and one L Bend.	01 set.	

Part – 'C': Shifting of Static Injection System

S. No.	Description of items	Qty.	Rate (Rs.)
1	Shifting of static injection system (basement store to 4 th floor in same building) 1. One item 120 Liters Glass Bottle with SS Lid	01 Set	

	<p>already packed in wooden box.</p> <p>2. One item 4'x4' Metallic Stand with Glass shield</p> <p>3. One Digital Pressure Controller unit with CVT, Two Analogue Pressure cum Vacuum Gauge and One Vacuum Pump.</p>		
2.	<p>Installation and testing of Static Injection System with leak check (Teflon Tubes, Septum, SS Ferules, SS T & Union Joint, SS Reducer of 12mm and 6 mm) as per the diagram provided.</p>	01 Set	

- **The Layout plan for the Static Injection System is annexed.**

Terms & Conditions:

1. Sealed quotations should be dropped in the quotation/tender box kept on ground floor (near reception) of Central Pollution Control Board on or before **July 22nd, 2015** by 3:00 PM. and will be opened at 3:30 PM. on the same day.
2. The firms should have past experience related to handing/fixing and installation of such type of Glass Tubes with leak checking system/facility.
3. The firm should have their Office/Workshop in Delhi/NCR Region or nearby area.
4. The firm should provide the Warranty/ Guarantee for the complete system for a period of one-year reckoned from the date of handing over the system to CPCB. The firm have to ensure the availability of spare parts for at least 05 years.
5. The Buyback Rates of existing materials of all the Items mentioned under Part-B should be clearly mentioned. The bidder may visit the site before quoting the rates for buyback and new item for better understanding the scope of work.
6. The quantity mentioned against each item is tentative and may vary.
7. The rates quoted should be as per our specifications. The firm has to provide certificates wherever applicable.
8. The quotation should be submitted along with an EMD of Rs.12000/- (Rs. Twelve Thousand only) in favour of 'Central Pollution Control Board, Delhi'.
9. The EMD of unsuccessful bidder shall be returned after award of work of the successful bidder.
10. The EMD of successful bidder shall be deposited in CPCB A/c and will be released after completion & handing over of the work in satisfactory condition to CPCB. No interest shall be paid on it.
11. 10% of awarded value will be retained as a security deposit for defect liability period of One Year and shall be released at the end of warranty/guarantee period without any interest. If the firm willing to submit the Bank Guarantee in favour of 'Central Pollution Control Board' of equal amount (10% of awarded value), the security amount will not be deducted from the total bill.
12. **Terms of Payment:**

100% payment of the work will be released only after satisfactorily completion of the work, in case the firm submit the security deposit @ 10% of awarded value in the form of Bank Guarantee to CPCB. Otherwise, 90% awarded value will be released and 10% will be retained as a security deposit.
13. Defect, if any, found within 12 months after completion of work shall be rectified by the firm free of cost.
14. TDS will be deducted at source, as per the Govt. of India Rules.

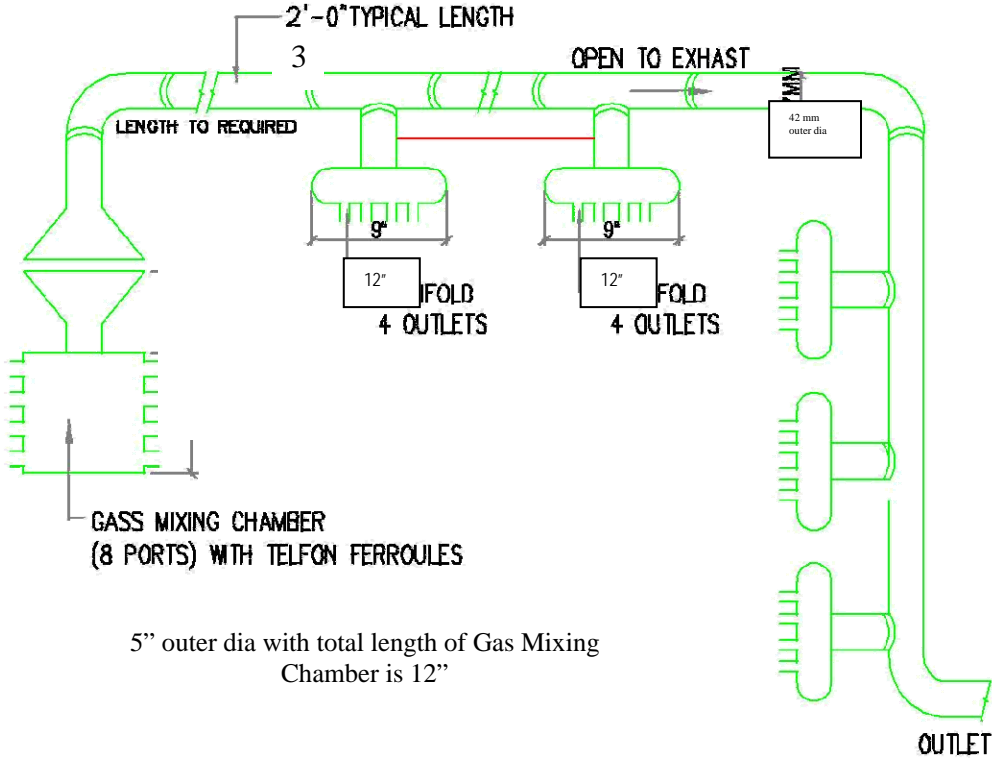
15. The terms and conditions such as guarantee/warranty period, taxes etc should be clearly mentioned in the quotation.
16. The work should be completed within 01 months from the date of issue of work order.
17. It may be noted that mere quoting lowest rates will not entitle any firm to get the work order.
18. The quotation should be free from over writing and corrections and additions if any, should be counter signed.
19. The chairman, CPCB reserves the right to cancel any or all the quotations without assigning any reason thereof.
20. In the event of any dispute, the decision of Chairman, CPCB shall be final and binding on both the parties.
21. Typographical and clerical errors are subject to correction.

Yours Faithfully

Incharge (Air lab)

Layout plan of Ring test System

Annexure



Layout Plan for Static Injection System

