



केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE, GOVT. OF INDIA

Tech-77/Ring Test-Calib/ZOB/ 2015-2016/ 2007

17th February 2016

To

CPCB Web Site and Notice Board of ZO

Sub: Extension of time for submitting Quotation for Supply and Installation of Silent/Noiseless Air Compressor Along with Air Purification System, Pure Gas Handling Chamber, Desk Top Computer, 19" Rack for Mounting Ambient Air Quality Analysers.

Sir,

The sealed quotation was invited in two bid envelop system for Supply and Installation of Silent/Noiseless Air Compressor along with Air Purification System, Pure Gas Handling Chamber, Desk Top Computer, 19" Rack for Mounting Ambient Air Quality Analysers as a single package for which the last date of receipt was 05.02.2016, 15.00 Hrs.

As such this office has not received any response, the last date for submission of quotation is extended till 28th March 2016, 15.00 Hrs. The technical specifications & other terms and conditions remain same as per even no letter dt 17th December 2015.

Yours sincerely

S. Suresh
(S.Suresh) 21/2/2016

Zonal officer

Copy to:

1. Notice Board, CPCB, Bengaluru -560079

2. Incharge and AD, IT Division, CPCB, Delhi – with a kind request to upload the document in CPCB website, pl.

दक्षिण आंचलिक कार्यालय : निसर्ग भवन, ए-ब्लॉक, प्रथम एवं द्वितीय तल, तिम्मय्या रोड, 7-डी मैन, शिवनगर, बेंगलूरु - ५६० ०७९.

Zonal Office (South) : " Nisarga Bhawan ", A-Block, 1st & 2nd Floors, Thimmaiah Road, 7th D - Main, Shivanagar, Bengaluru - 560 079.

दूरभाष / Telephone : 080-23233739, 23233827, 23233996, 23233600, 23232559, 23226002, 23222539, Fax : 080-23234059

ई-मेल / E-mail : cpcbszo@yahoo.com, zobangalore.cpcb@nic.in

प्रधान कार्यालय : परिवेश भवन, पूर्वी अर्जुन नगर, दिल्ली- ११० ०३२.

Head Office : Parivesh Bhawan, East Arjun Nagar, Delhi - 110 032.

दूरभाष / Telephone : 011-43102030, Fax : 22305793, 22307078, 22307079, 22301932, 22304948

ई-मेल / E-mail : cpcb@nic.in वेबसाइट / Website : www.cpcb.nic.in



केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE, GOVT. OF INDIA

CPB/77/Ring Test-Calib/ZOB/ 2015-2016/

17th December 2015

To
CPCB Web site, Notice Board

Sub: Quotation for Supply and Installation of Silent/Noiseless Air Compressor Along with Air Purification System, Pure Gas Handling Chamber, Desk Top Computer, 19" Rack for Mounting Ambient Air Quality Analysers.

Dear Sir,

Sealed Quotation is invited in two bid envelop system for Supply and Installation of Silent/Noiseless Air Compressor along with Air Purification System, Pure Gas Handling Chamber, Desk Top Computer, 19" Rack for Mounting Ambient Air Quality Analysers as single package as per terms and conditions given below. The same should reach this office on or before 05.02.2016, 15 Hrs. The name of items and specification in this package are provided in separate sheets. The technical and financial bids have to be submitted in separate closed envelops mentioning the details on envelop. These two envelops should be put in one sealed envelope and super scribed as "Quotation for supply and installation of Silent/Noiseless Air Compressor to CPCB, SZO, Bengaluru"

Terms and conditions

1. All the items are to be treated as single package and shall be quoted technical and financial bid separately in a sealed cover.
2. Submission of quotation can be done by dropping in the tender box placed in zonal office or personally hand over to the security personnel or sent by post.
3. The supply of items inclusive of commissioning and installation at the office of Central Pollution Control Board, South zonal office, Bengaluru.
4. Rate should be quoted in Indian Rupees and applicable taxes and other charges shall be mentioned separately. No other charges will be accepted later other than the mentioned in the quote.
5. Specifications which meets minimum requirement shall be considered for technical comparison and preference will be given to the additional features and based on the product performance in the market.
6. The Quote/tender is valid for 90 days from the date of financial bid is opened
7. The warranty of each items should be clearly mentioned.
8. If any items found to be substandard or not meeting the specification mentioned in the quote during the supply of material, the supply order shall be cancelled without any prior notice.
9. In the event of any dispute, the decision of Chairman, Central Pollution Control Board will be the final and binding upon both the parties.

Yours sincerely

S. Suresh
(S.Suresh) 17/12/2015
Zonal officer

Encl: As above

Copy To:

1. Notice Board, CPCB, Bengaluru -560079
2. Incharge and AD, IT Division, CPCB, Delhi – with a kind request to upload the document in CPCB website, pl.

दक्षिण आंचलिक कार्यालय : निसर्ग भवन, ए-ब्लॉक, प्रथम एवं द्वितीय तल, तिम्मय्या रोड, 7-डी मैन, शिवनगर, बेंगलूरु - ५६० ०७९.

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**Central Pollution Control Board
Zonal office, Bengaluru**

Scope of Work: Supply and Installation of Silent/Noiseless Air Compressor Along with Air Purification System, Pure Gas Handling Chamber, Desk Top Computer, 19" Rack for Mounting Ambient Air Quality Analysers.

Specifications of the Items Related to Ring Test Facility

1. Silent/Noiseless Air Compressor 250 lit. Capacity:

The working pressure of 10.5 kg/cm² (150 psig) with 250 litres of buffer storage tank and suitable to operate 230/440 volts, Single/three phase AC power supply. The air receiver should be mounted horizontally. Suitable anti-vibration pad and noise control and earth protection should be provided

1a Charcoal filter

Activated charcoal should be filled in two feet long and 3" (3 inch) outer dia. acrylic cylinder, acrylic cover on both sides with threading arrangement for closing and opening. Arrangement of nozzles on both sides of acrylic covers (in and outside) for connection of flexible pipe / rubber pipe of internal dia. 9 mm for compressed air should be made. The charcoal should be of superior quality to purify the compressed air.

1b. Regeneration Dryer

Electronic regeneration dryer, 2 stages, solenoid valve alternatively operated on 230 V \pm 10%, 50 Hz supply to remove the 100% moisture in the compressed air. Arrangement of nozzles of outer dia 9 mm on both sides of dryer (in and outside) for connection of compressed air and dry zero air should be made.

2. Cylinder holding arrangement

Wall mounted MS brackets with 2 inch wide belt for holding 06 nos, 10 lit. Capacity and 02 nos, 47 lit. capacity gas cylinders.

S. Swamy
17/12/2015

3. Pure Gas Handling Chamber: Type Modular and Customised Fabrication

Chamber of size 4x3x3 (H x W x D) feet close from all sides with laminated board of min. 1" (1 inch) thickness front side open with sliding of acrylic door with handle and locking arrangement should be equipped with following items

- a. Double tube light fitting of 20 W = 1 No
- b. 9 inch exhaust fan with proper hood for exhausting the gases outside the chamber
- c. Cylinder holding arrangement for holding 02 no. gas cylinder.
- d. Inside proper space for keeping 01 no. gas cylinder, 01 no. vacuum pump, vacuum pumps etc. The base of the chamber should be sturdy to bear the load of these system/accessories.
- e. The chamber shall be used for working with 100% concentrated gases such as SO₂, NO₂ etc.
- f. The chamber shall be placed on a concrete slab/ platform of at least a height of 4 feet. The design drawing of pure gas handling chamber shall be mutually agreed.
- g. The design of the chamber shall be of modular type to accommodate at earmarked location or fabricated at site suitable to the requirement.

4. 19" (Inch) rack for housing Analysers, Calibrators, MFC controller and Ozone generator:

Suitable 19" Rack cabinet to accommodate all analysers, calibrators, zero air generators etc. The dimensions of the rack without doors, with aluminium section and rear of 2 mm steel sheet, one removable roof plate, fitted with 4 lifting eyebolts. Four roof fixing screws included in package to replace the lifting eyebolts. One gland plate three part, one pair of 475 mm (19") mounting angles depth adjustable in 25 mm pitch pattern fitted on two fixing angles approximately 150 mm unit from the front standard. To accommodate panel width of 19" size:

Width	=	600 mm
Height	=	1400 mm
Depth	=	800 mm.

The 19" racks should be screwed to the floor of the calibration lab.

5. High Precision Pressure Cum Vacuum Gauge (Analog)

Resolution/Laser Count	:	0.005 bar
Accuracy	:	0.1% of Full Scale

S. Suman
17/12/2015

Bourden Tube	:	Beryllium Coper Alloy
Socket Material	:	316 LSS(low carbon Stainless Steel)
Case	:	Aluminium Black painted
Dial	:	Aluminium green with black markings and anti-Parallax (10" (250MM)
Range	:	-1.0 bar to 1.5 bar

6. Computer System of Latest Model

01.	Make	IBM or IBM Compatible, Desktop Computer
02.	Intel	Intel Core i7
03.	RAM	3.4 GB SD RAM
04.	Hard disk	500 GB SCSI (Dual Hard dick – 40 GB each)
05.	FDD	1.44 MB
06.	CD ROM	64 x CD ROM , tape drive for system backup
07.	Monitor	18.5 inch LED/ TFT Monitor SVGA Digital colour r with 64 MB video
08.	Port	2 serial, 1 parallel & 2USB with LAN
09.	Keyboard	104 keys keyboard Microsoft
10.	Mouse	Optical/ Scroll Mouse + Pad
11	Software	Windows 8.1 Pro 64 bit OS and Anti-virus software like Norton/MacAfee with on line continuous up gradation.
12.	CD Writer	Internal
13.	Network Card	Network card with remote booting facility

7. LASER PRINTER:

01.	Speed (pages per minute)	At least 12
02.	Resolution	1200 x 1200 dpi
03.	RAM	8 MB expandable to 32 MB
04.	Main tray Capacity	At least 250 sheets
05.	Interface	Parallel & USB
06.	Operating System	Windows 95,98, 2000,2003,HP
07.	Power supply	230V AC, ± 10 V AC, 50 Hz, ± 3%

S. Swam

17/12/2015

General Terms and Conditions

Sealed Quotation in two bid system are invited for the Supply and Installation of Silent/Noiseless Air Compressor along with Air Purification System, Pure Gas Handling Chamber, Desk Top Computer, 19" Rack for Mounting Ambient Air Quality Analysers as single package with the terms and conditions given below. The same should be submitted to this office on or before 05.02.2016, 15 Hrs.

1. Eligible bidders are requested to visit the office to understand the site condition and the requirement suitability on any date before 05.01.2015 and before submission of quote.
2. All the items are to be treated as single package and shall quote separate technical and financial bids in a sealed cover.
3. Submission of bid can be done by dropping in the tender box placed in office or hand over to the security personnel or send by post.
4. Supply of items inclusive of commissioning and installation is required at the office of Central Pollution Control Board, South zonal office, Bengaluru.
5. Rates should be quoted in Indian Rupees and applicable taxes and other charges shall be mentioned separately. No other charges will be accepted later other than the mentioned in the financial quote.
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10. In the event of any dispute, the decision of Chairman, Central Pollution Control Board will be the final and binding upon both the parties.

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S. Swath

17/12/2015