



केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
(पर्यावरण एवं वन मंत्रालय, भारत सरकार)
(MINISTRY OF ENVIRONMENT & FORESTS, GOVT. OF INDIA)

C-47012/03/2011-12/Mat.

Date: 22.06.2012

**Sub:- Quotation for the supply of Calibration Gases and Regulators (NIST Certified)
(New & Refilling on annual rate contract basis - reg.)**

Sir,

Sealed quotations are invited for the supply of Calibration Gases and Regulators (NIST Certified) (New & Refilling) as per specifications **Annexure – I & II** on annual rate contract basis.

01. The quotation should reach this office on or before 18.07.2012.
02. The rate quoted should be valid till 31.3.2013 and as per our specification only.
03. Certificate of purity and traceability of gases should be provided.
05. The quotation should be sent by registered post/speed post. However, quotation may be put in the tender box kept in the first floor, material section, Parivesh Bhawan to avoid any delay.
06. The quotation should be submitted in two parts. First of the quotation should contain technical bid and second part should contain the financial bid. The price will be considered only those firms, whose bids are technically qualified or fulfilling the requirements.
07. The bidder shall pay **Rs. 10,000/- (Rupees ten thousand only)** as Earnest Money Deposit through demand draft drawn in favour of Central Pollution Control Board, Delhi. Quotation which is not accompanied by earnest money will not be considered. Unsuccessful bidders' bid security will be discharged/returned without any interest in the same form after the concerned purchase is finalized or within Three months whichever is earlier and that of successful bidders will be discharged without interest within one month of the successful supply of the material.
08. It may be noted that mere quoting of lowest rates will not entitle any firm to get the order.
09. All the terms and conditions such as taxes/Vat, validity, guarantee period and transportation charges etc. should be clearly mentioned in the quotations. The quotation should be accompanied with technical literature.
10. The rate should be written both in word & figures and there should not be any variations in the same. In case of any variation in the price quoted, the price mentioned in words will be considered as final.

Contd. 2.

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032

'Parivesh Bhawan', East Arjun Nagar, Delhi - 110032

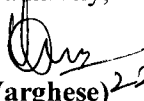
दूरभाष/Tel. : 43102030, फ़ैक्स/Fax : 22305793, 22307078, 22307079, 22301932, 22304948

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

...2...

11. Payment Terms: 100% payment will be released on supply of the items in good condition. No advance payment will be made. Hence no preference will be given for such advance payment proposals.
12. The items should be supplied within four weeks from the date of issue of confirmed order. Failure to supply within the specified time, the order is liable to be cancelled.
13. You are requested to quote the price of Material as FOR Central Pollution Control Board and delivery will be made in the concerned sections.
14. The Chairman, Central Pollution Control Board reserves the right to cancel any or all tenders without assigning any reason thereof. Your quotations should be valid for one year from the date of its opening.
15. The All correspondence in this regard may be addressed to the Administrative Officer (Materials), Central Pollution Control Board, Delhi – 110 032.
16. Typographical and clerical errors are subject corrections.
17. In the event of any dispute, the decision of the Chairman, Central Board shall be final and binding upon both the parties.

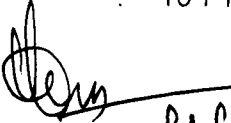
Yours faithfully,


(M. Varghese) 22/6/2012
Admn. Officer (M)

Encl:-As above


SPECIFICATIONS FOR CALIBRATION GASES REQUIRED IN THE AIR LAB.(NEW AND REFFILLING)

- (1) Sulphur Dioxide (180 PPb + Balance Nitrogen)**
- (i) Sulphur dioxide gas : 180 PPb+ Balance Nitrogen
 - (ii) Preparation Tolerance : $\pm 10\%$
 - (iii) Cylinder capacity : 10 Litre
 - (iv) Cylinder Material : Highly polished Aluminium
 - (v) Cylinder Pressure : 120 Kg / Cm²
 - (vi) Stability : One Year
 - (vii) Traceability : Preferably NIST Traceable along with Certificate
- (2) Nitric Oxide (400 PPB + Balance Nitrogen)**
- (i) Nitric Oxide : 400 PPB + Balance Nitrogen
 - (ii) Preparation Tolerance : $\pm 10\%$
 - (iii) Cylinder capacity : 10 Litre
 - (iv) Cylinder Material : Highly polished Aluminium
 - (v) Cylinder Pressure : 120 Kg / Cm²
 - (vi) Stability : One Year
 - (vii) Traceability : Preferably NIST Traceable along with Certificate
- (3) Carbon Monoxide Gas (40 PPM + Balance Nitrogen)**
- (i) Carbon Monoxide gas : 40 PPM + Balance Nitrogen
 - (ii) Preparation Tolerance : $\pm 5\%$
 - (iii) Cylinder capacity : 10 Litre
 - (iv) Cylinder Material : Highly polished Aluminium
 - (v) Cylinder Pressure : 120 Kg / Cm²
 - (vi) Stability : One Year
 - (vii) Traceability : Preferably NIST Traceable along with Certificate
- (4) Carbon Monoxide Gas (10 PPM + Balance Nitrogen)**
- (i) Carbon Monoxide gas : 10 PPM + Balance Nitrogen
 - (ii) Preparation Tolerance : $\pm 5\%$
 - (iii) Cylinder capacity : 10 Litre
 - (iv) Cylinder Material : Highly polished Aluminium
 - (v) Cylinder Pressure : 120 Kg / Cm²
 - (vi) Stability : One Year
 - (vii) Traceability : Preferably NIST Traceable along with Certificate
- (5) Methane Gas (10 PPM)**
- (i) Carbon Monoxide gas : 10 PPM + Balance Nitrogen


22/6/2012

- (ii) Preparation Tolerance : + 5%
 - (iii) Cylinder capacity : 10 Litre
 - (iv) Cylinder Material : Highly polished Aluminium
 - (v) Cylinder Pressure : 120 Kg / Cm²
 - (vi) Stability : One Year
 - (vii) Traceability : Preferably NIST Traceable along with Certificate.
- (6) Ammonia Gas (400 PPB)**
- (i) Carbon Monoxide gas : 400PPB + Balance Nitrogen
 - (ii) Preparation Tolerance : + 5%
 - (iii) Cylinder capacity : 10 Litre
 - (iv) Cylinder Material : Highly polished Aluminium
 - (v) Cylinder Pressure : 120 Kg / Cm²
 - (vi) Stability : One Year
 - (vii) Traceability : Preferably NIST Traceable along with Certificate.
- (7) Regulator SS 316**
- (i) Regulator : Double Stage, Double Valve, Double Gauge, SS Diaphragm
 - (ii) Inlet Pressure : 0 – 250 bar
 - (iii) Outlet Pressure : 0 – .6 bar
 - (iv) Working Pressure : 0 – 10 bar
 - (v) Certificate : Certificate of BIS or ISO

NOTE:- NIST certified gases shall be preferred.


22/6/2012

Annexure -II

Specifications for Gases

Sl. No.	Description	Purity	Maximum concentration of impurities	
01.	Nitrogen Gas	Ultra pure 99.9995%	Origen < 0.80% Moisture- < 0.50% Hydrocarbon of Nitrogen – Nil	
02.	Hydrogen Gas	-do-	-do-	
03.	Helium Gas	-do-	-do-	
04.	Zero Air Gases	-do-	-do-	
Sl. No.	Description	Purity	LWC	Pressure
05.	Oxygen zero grade	99.999%	47	140kg/cm ²
06.	Argon zero grade	99.999%	47	140/cm ²
07.	Acetylene zero grade	99.95%	47	16-20kg/cm ²

(Zero Air should be free from Hydrocarbon and CO₂)