

Government of India  
Bhabha Atomic Research Centre  
Laser and Plasma Technology Division  
Mumbai - 400085

REF: LPTD/GCUP/WORKS/DRD/18/230

June 02, 2018

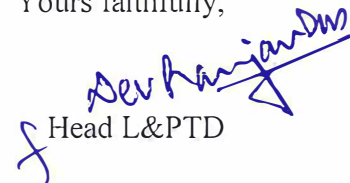
**Sub: In-situ Calibration of Oxygen Gas sensor**  
**Invitation of Quotations**

***DUE DATE: June 14, 2018***

Dear Sir,

1. Quotation is invited for in-situ calibration of Oxygen Gas sensor (Qty: - 1no). Taxes and duties shall be quoted separately.
2. The quotation must be submitted on the printed letter head of the company and should contain PAN and GST numbers; else the quotation shall be rejected.
3. The quotations must reach **Head, Laser and Plasma Technology Division** through **Indian Post** by **14/06/18** and must be sent in a sealed envelope **superscribed** with the above reference number and due date given above.
4. The address on the envelope should read  
(Attn. Dev Ranjan Das)  
To,  
Head  
Laser and Plasma Technology Division  
BARC, Mumbai - 400 085
5. The on-site calibration job will be carried out at BARC under the supervision of our engineer. Calibration certificates shall be approved and submitted by the supplier.
6. No advance payment will be made. Full payment will be made by NEFT/ECS on satisfactory completion of the works. Party should submit the bill along with advance stamped receipt. Income Tax @2% will be deducted at source from the bill.
7. Head, Laser and Plasma Technology Division, BARC reserves the right to accept or reject any or all quotations without assigning any reason.
8. For any further clarification Dev Ranjan Das, L&PTD (Extn: 25697) may be contacted.

Yours faithfully,

  
Head L&PTD

# In-situ Calibration of Oxygen Sensor

May 31, 2018

1. Type of sensor : Zirconia based electro-chemical cell
2. Scope of calibration : In-situ two point calibration at 150ppm & 800ppm
3. Calibration Gasses:
  - (a) Oxygen Low: 150 ppm O<sub>2</sub> balance Argon , 10ltr gas cylinder, Gas volume 1300 ltrs with filling pressure 130 kg/cm<sup>2</sup>.
  - (b) Oxygen High: 800 ppm O<sub>2</sub> balance Argon - 10 ltr gas cylinder Gas volume 1300 ltrs with filling pressure 130 kg/cm<sup>2</sup>