



Government of India
Bhabha Atomic Research Centre
Technical Physics Division

Ref : TPD / KGB / 2018 / 136383

Mod Labs., Trombay.
Dated: 12 – 07 – 2018.

Sub : Repair of Vacuum Gauges and Electronic Control Units - Invitation of Quotation.

Repair of M/S. Pfeiffer Vacuum, Germany, make, Vacuum Gauges and Associated Electronics Control Units as detailed in Annexure – 1.

Quantity : 7 nos of Vacuum Gauges and 3 nos. of Control Units.

Dear Sirs,

1. Quotations are invited for the minor fabrication job as per the enclosed specifications and drawings.
2. Taxes and excise duties shall be quoted separately.
3. **Please mention GST Reg. Nos., MSME certificate if available and affix company seal.**
4. The quotations must be sent by **Normal Post or Speed Post**, to The Head, Technical Physics Division, so as to reach by **3:00 p.m, 26 – 07 – 2018** and must be sent in a sealed **envelope superscribed with the above reference number and due date** given above. The quotations will be opened on **27 – 07 – 2018**
5. The address on the envelope should read :
The Head,
Technical Physics Division, Mod Labs.,
Bhabha Atomic Research Centre, Trombay,
Mumbai – 400 085. Attn : Dr. K. G. Bhushan
6. The fabrication work shall be subject to inspection by our engineers at bidder's works. Necessary inspection facilities should be provided to our engineers during fabrication at bidder's premises.
7. The bidder shall deliver the finished components after approval by our engineer within **60 days** from the date the firm purchase order is issued to the bidder. The finished components and the scrap from the free issue material shall be delivered by the bidder at **North Gate, B. A. R. C, Trombay, Mumbai - 85.**
8. Head, T P D, B A R C., reserves the right to accept /reject any or all quotations without assigning any reason.

Encl : Annexure – 1.

**Sd /-
Head,
Technical Physics Division**

ANNEXURE – 1

1)	Nature of Job	Repair, Reconditioning and Demonstration of M/S. Pfeiffer Vacuum, Germany, make Vacuum Gauges and associated Electronic Control Units.
2)	Type of Vacuum Gauges	1) PKR 251 – 4 nos. 2) IKR 270 – 3 nos.
3)	Type of Electronic Control Units	1) TPG 256 – 1 no. 2) TPG 252 A – 1 no. 3) TPG 262 – 1 no.
4)	Nature of Problems in the Vacuum Gauges	1) No ignition on the PKR 251 / IKR 270 type gauges 2) Low pressure measurement not functioning 3) Pirani Sensing element faulty 4) Vacuum Leak in the metal seal 5) On board electronics not working
5)	Nature of problems in Electronic Control Units	1) Display not working on TPG 256 type unit 2) Low pressure switch over not functioning in TPG 252 / TPG 262 type units 3) Single / Dual channel display controller faulty indication 4) Gauge / Sensor not detected 5) Mismatch of Sensor head and sensor voltages.

Quotation :

- 1) A consolidated single quotation may be provided by suitable vendors for the repairs of all the above mentioned items
- 2) Vendor should be well versed in Vacuum Gauges and the control electronics circuits
- 3) Authentic M/S. Pfeiffer Vacuum, Germany, spare parts only to be used
- 4) It will be the responsibility of the Vendor to collect the non-functioning equipment from North Gate, BARC, Mumbai and return them in working condition at North Gate, BARC, Mumbai. Any insurance and incidental charges shall be borne by the Vendor.