

**Government of India
Bhabha Atomic Research Centre
Laser & Plasma Technology Division**

Trombay,
Mumbai - 400 085.

REF: LPTD/WORKS/AUS/2017/150302-

Date: 28/08/17

Sub: Minor Fabrication - invitation of quotations

Dear Sirs,

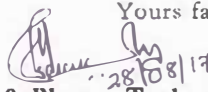
Quotations are invited for the minor fabrication job as per the enclosed specifications – Fabrication of vacuum chamber along with oven assembly (Annexure – 1)

1. Bidder shall quote for fabrication of these components with material.
2. The quotations must reach, **Head, Laser & Plasma Technology Division** by 15/09/17 and must be sent in a sealed envelope **superscribed** with the above reference number and due date given above.
3. The address on the envelope should read:

**The Head
Laser & Plasma Technology Division,
Bhabha Atomic Research Centre,
Trombay, Mumbai - 400 085.
(Attn: Mrs. A.U. Seema)**

4. The bidder shall have to take an insurance policy against any material issued to him by the purchaser.
5. The fabrication work shall be subject to inspection by our engineer. The finished components shall not be dispatched prior to approval by our engineer at bidder's works. Necessary inspection facilities should be provided to our engineers during fabrication at bidder's premises.
6. The bidder shall deliver the finished components after approval by our engineer, within **60 Working 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 **M6, A-Block, LPTD, Mod Labs, BARC, Trombay, Mumbai - 400 085.**
7. Head, Laser & Plasma Technology Division, BARC, reserves the right to accept/reject any or all quotations without assigning any reason.
8. GST and PAN numbers must be given on quotations.

Yours faithfully,


28/08/17
Head, Laser & Plasma Technology Division

Copy to: 1) Notice Boards BARC Site 2) Notice Board, V.S. Bhavan
3) BARC website (for uploading), Head SIRD 4) Accounts Officer (Works)

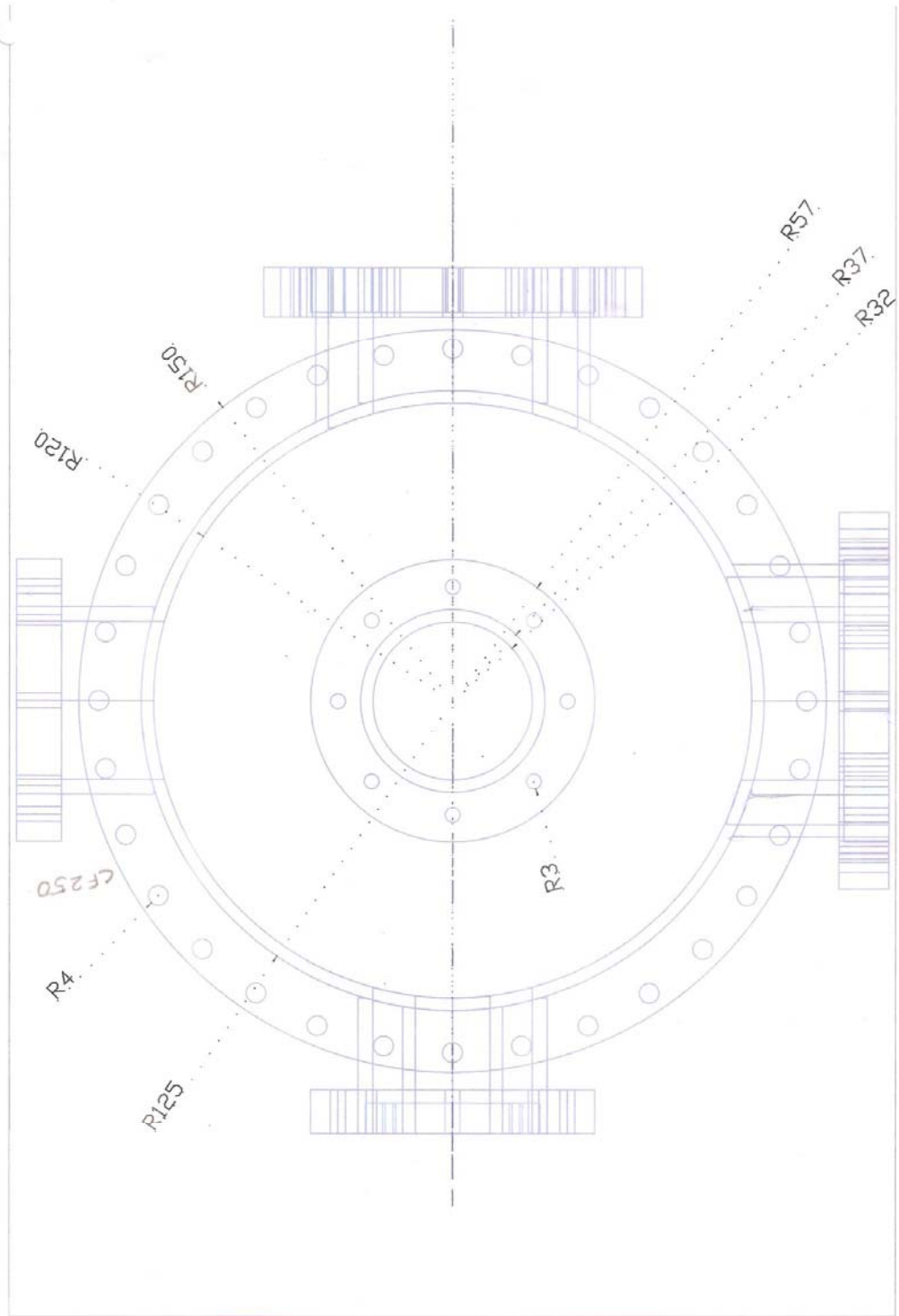
Annexure 1

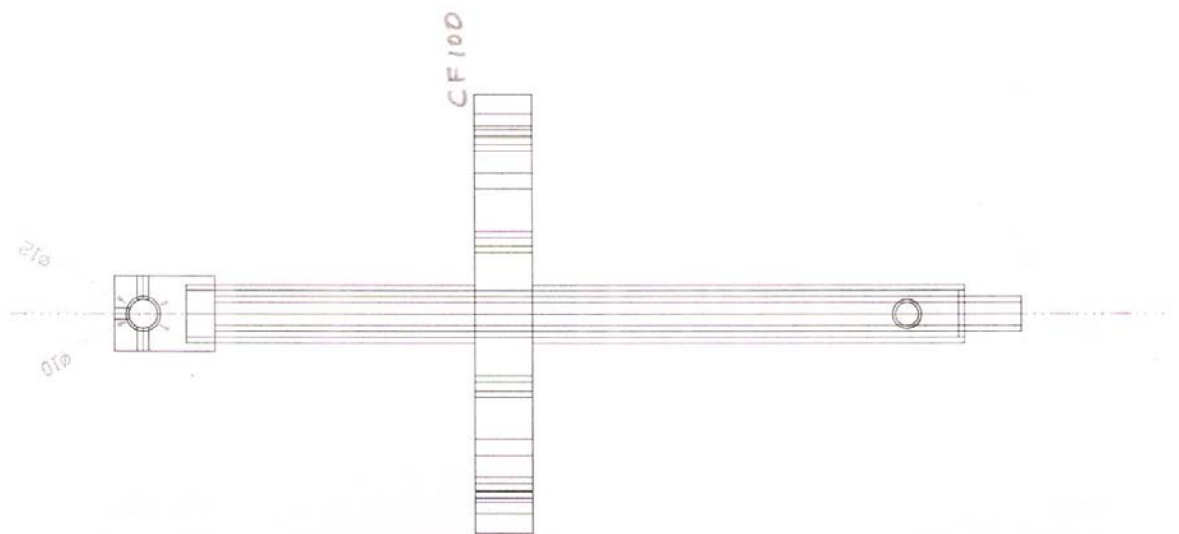
Vacuum Chamber Specifications:

1. Vacuum Chamber as per the drawings.
2. Flanges:

Five blind CF 63 (C1-C5) flanges and one blind CF 35(C7) flange.

One blind CF 100 (C9) flange along with Cu gaskets.
3. The chamber should have six 5 KV feed throughs welded on a CF 63 (marked C4 in the diagram) flange.
4. CF 63 to CF 100 coupling (10 cm length) for the CF 100 part
5. CF 63/ 63 gate valve
6. CF 100/100 gate valve
7. Molybdenum caps as per the drawing 6 Nos.
8. The chamber should have hinged O- ring based covering flange with one CF 63 flange at the centre and should have option for air inlet.
9. Material : SS304L
10. All components to be electro polished.
11. Vacuum compatibility better than 10^{-8} torr.
12. Support structure for the chamber with height from the ground 90cm including the wheels.





Molybdenum Caps.

