


Government of India  
Bhabha Atomic Research Centre  
Pulsed Power & Electromagnetics Division

Reference: PP&EMD/BARCV/18-19/IND/31  
Name of Party:

Date 06.12.2018

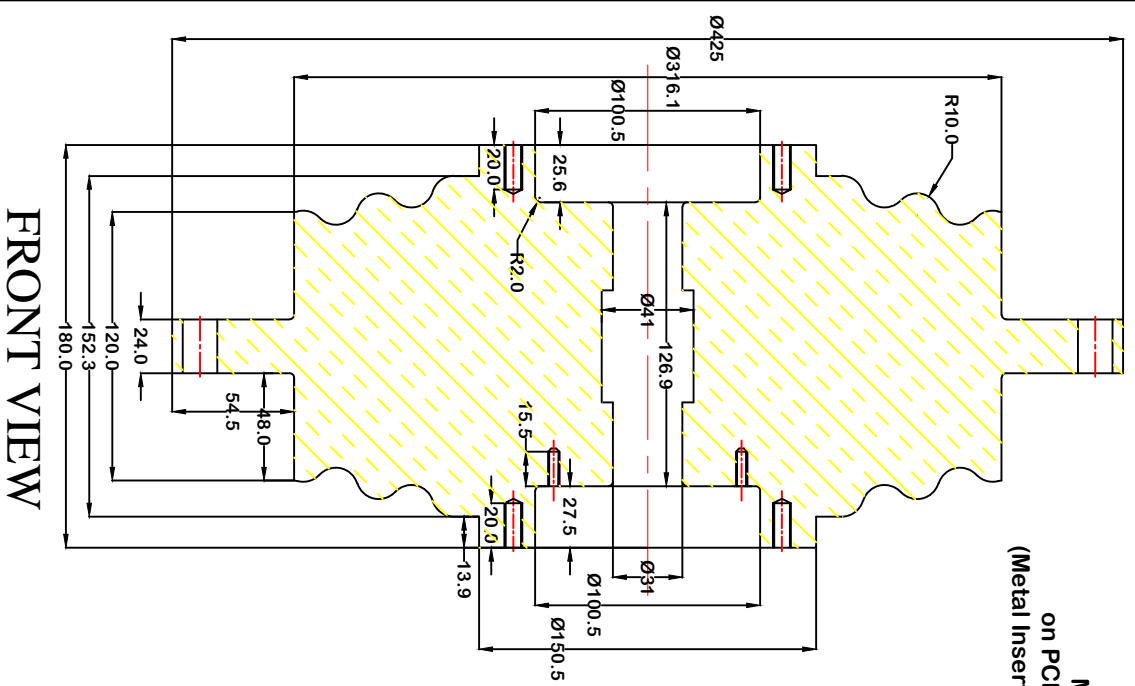
Dear Sir,

1. Quotations are invited for the minor fabrication job, as per the enclosed specification
2. Bidder shall quotes for fabrication of these components with materials.
3. Taxes shall be quoted separately.
4. The quotation must reach the Head, Pulsed Power & ElectroMagnetics Division by date 20.12.2018 and must be sent in a sealed, printed envelope superscripted with reference number and the due date given above. Quotation opening time is 4:00 PM. The party may send its representative at the time of opening.
5. The address of the envelop should read –  
Pankaj Deb C/o Dr. Archana Sharma  
PP&EMD, Bhabha Atomic Research Centre  
IDA Block B, 4<sup>th</sup> Cross Road, Autonagar, Visakhapatnam - 530012
6. The fabrication work shall be subjected to inspection by our Engineer. The finished component shall not be dispatched prior to approval of our engineer at bidders premises. Necessary inspection facilities should be provided to our engineer during fabrication at bidder's premises.
7. The bidder shall deliver the finished components after approval by our engineer with in 6/8 weeks from the date of firm work order issued to the bidder. The finished components along with left over material shall be delivered by the bidder at the address mention in point no 5
8. Head, PP&EMD reserves the rights to accept/ reject any or all quotations without assigning any reasons.
9. Delivery charges if any, must be clearly mentioned with the offer.
10. Quotation must also indicate the validity of offer.
11. Drawing / sketches must be returned along with the offer.
12. Quotation are to be in printed letter-head / quotation format only. Quotation received in computer-generated forms will be considered as invalid and rejected.
13. Quotation should consists of Sales Tax registration number (Registered with local ST / CST authority), PAN number of the firm, services tax registration number etc.
14. Claim preferred by the firms are also be in printed INVOICE format consisting of the above registration numbers.
15. No Free issue material will be given.

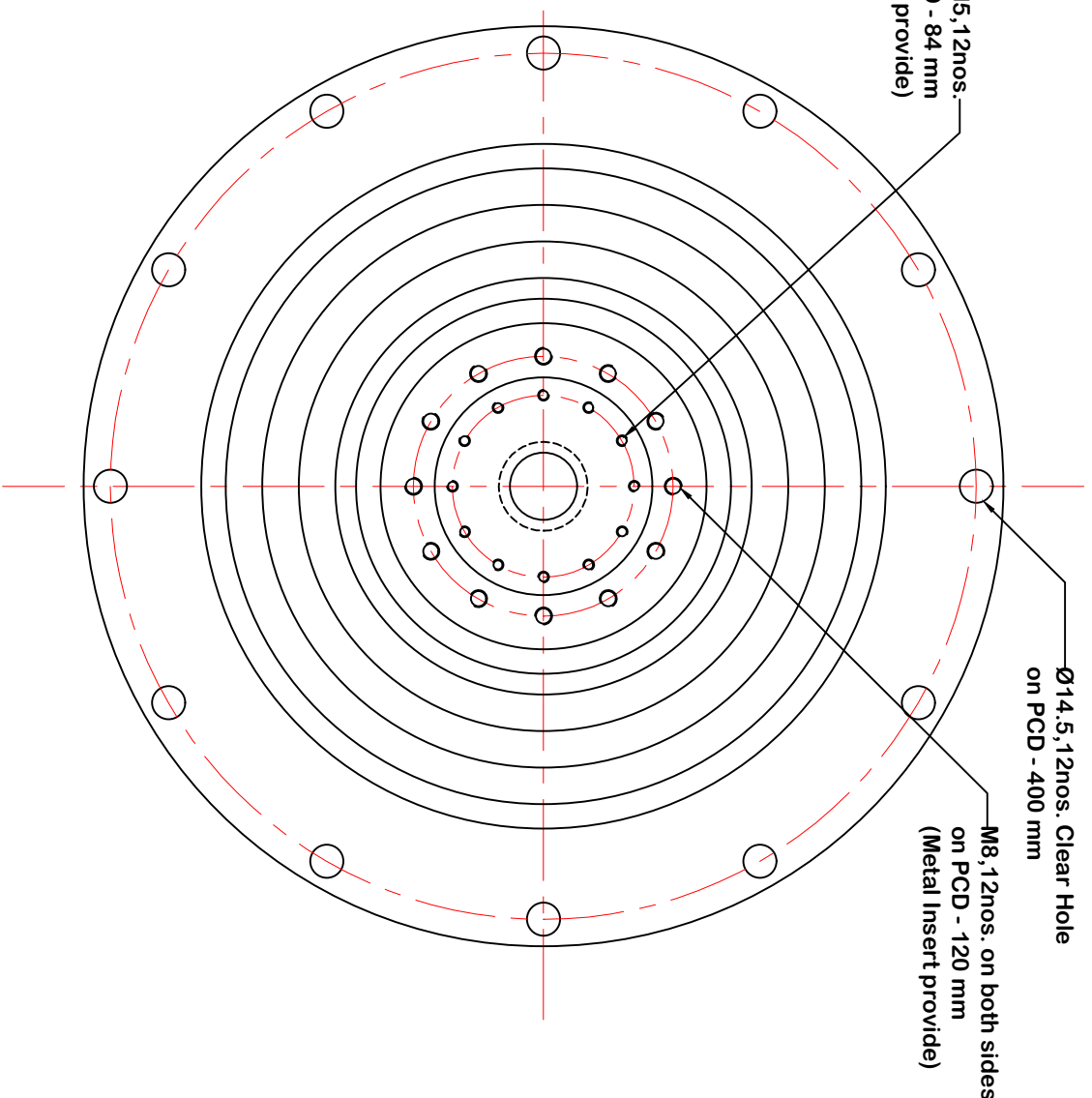
  
(Dr. Archana Sharma)  
Head, PP&EMD  
BARC, Visakhapatnam

डा. आर. शर्मा  
Dr. ARCHANA SHARMA  
आर. शर्मा, स्पंद शक्ति एवं विद्युत् चुंबकीय प्रभाग  
Head, Pulsed Power & Electromagnetics Division (PP&EMD)  
भारत परमाणु आयोग (भारत सरकार)  
Bhabha Atomic Research Centre, Government of India  
विशाखापत्तनम  
Visakhapatnam





FRONT VIEW

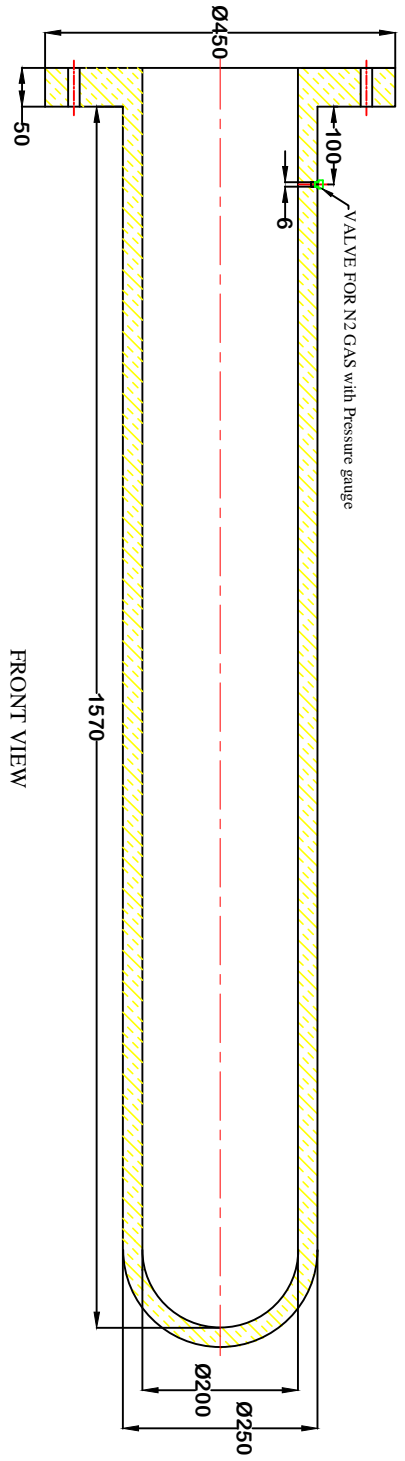
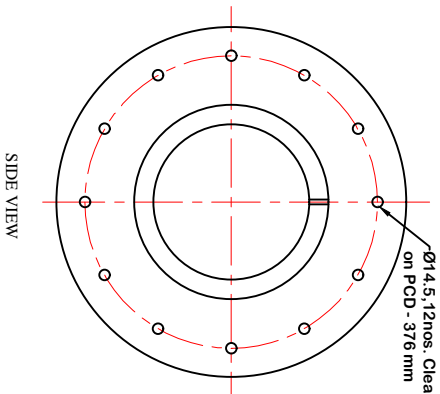


SIDE VIEW

Material - DELRIN / NYLON

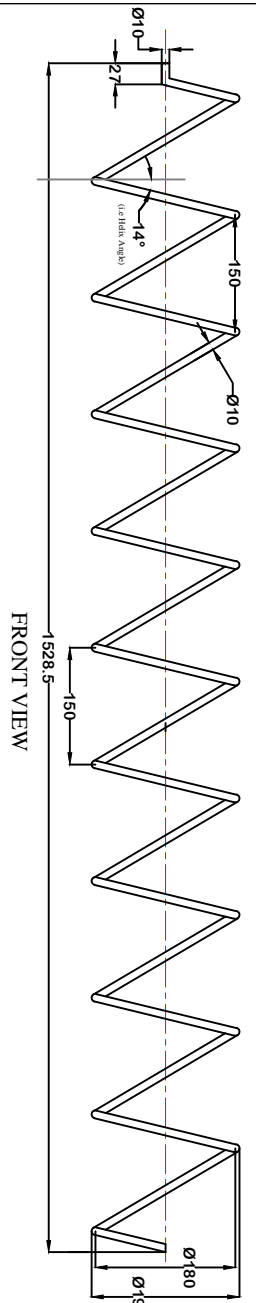
Qty. - 1

PART - 1

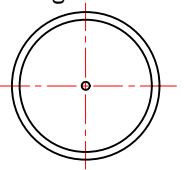


Material - PERSPEX  
Qty. - 1

PART - 4

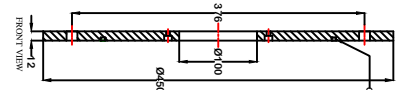


Material - COPPER  
Qty. - 1



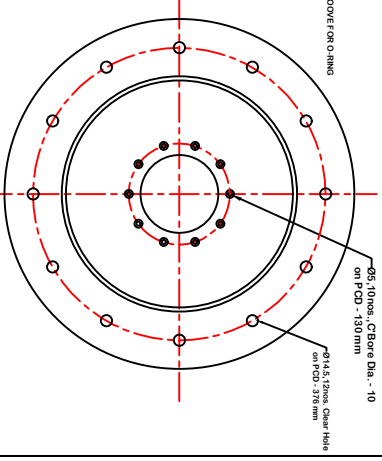
SIDE VIEW

PART - 5

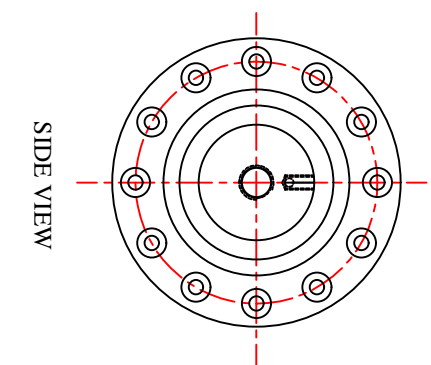
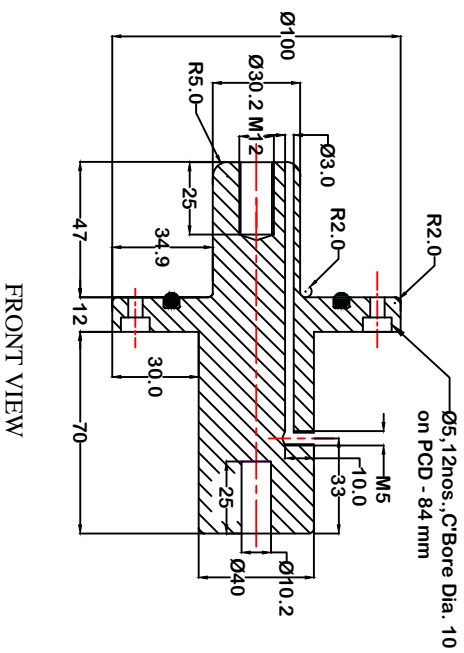


Material - SS 304  
Qty. - 1

SIDE VIEW



PART - 3



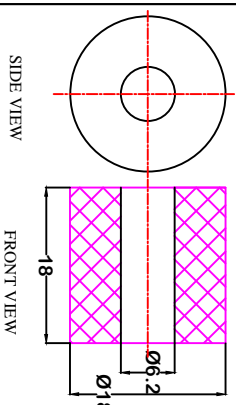
Material - Al - HE 15 / Al 6061 T6  
Qty. - 1

PART - 2



Material - DELRIN / NYLON  
Qty. - 1

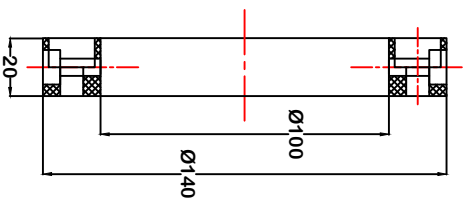
PART - 6



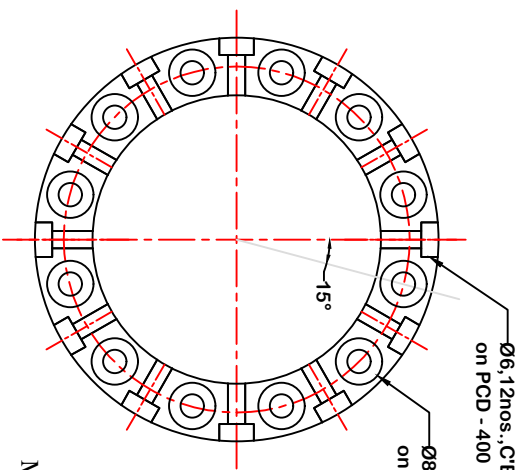
Material - DELRIN / NYLON  
Qty. - 1

Scale - 3:1

PART - 10



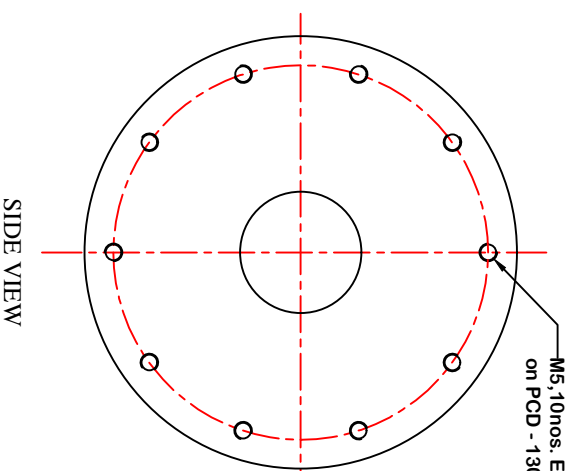
FRONT VIEW



SIDE VIEW

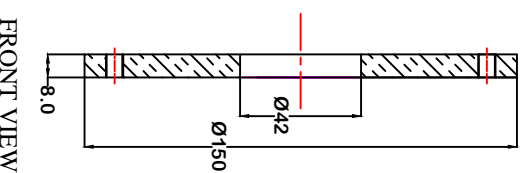
Material - DELRIN  
Qty. - 1

PART - 7



SIDE VIEW

Material - DELRIN  
Qty. - 1



FRONT VIEW

PART - 12

## **Fabrication & Supply of Pressurized Switch with Antenna**

**Quantity: 1 Unit**

**Please refer the attached drawings for detailed dimensions.**

**[dwg-pg1.pdf](#) [dwg-pg2.pdf](#) [dwg-pg3.pdf](#) [dwg-pg4.pdf](#)**

### **SPECIFICATION (Annexure -3) :**

- 1) Fabricator has to install Pressurised switch with Antenna at BARC, Achyutapuram.
- 2) Fabricator has to assemble the "Pressurised switch with antenna assembly" with main Assembly system at BARC, Achyutapuram.
- 3) Pressurisation test/ Leak test of the assembly will be done at BARC, Achyutapuram. connected with the main assembly system.  
Pressurised test/ leak test should be done with SF6 for SG housing at 4bar.  
Pressurised test / leak test should be done with N2 for Antenna at 4bar.
- 4) Fabricator should have work experience in similar type of Fabrication.
- 5) Antenna should be stable without any sag.
- 6) All SS fasteners should be provided.
- 7) Fabricator should supply the pressurised with Antenna as per technical specification and drawings attached.
- 8) For any clarification Vendors may contact

**Rejection Clause :If the Pressurized Switch with Antenna assembly is not meeting the above Technical Specification (Annexure-3), the item will not accepted.**