



Government of India
Department of Atomic Energy
Bhabha Atomic Research Centre
Beam Technology Development Group
Pulsed Power & Electro-Magnetics Division
Visakhapatnam



Dr. Rishi Verma
Head, ESDS, PP&EMD, BARC, Visakhapatnam

Ref. No.: BARC(V)/ PP&EMD/2022-23/R&D- 71/WO/SKM/03 Dated: 19.04.2022

Subject: - Fabrication, assembly and supply of SS chamber, flanges and its accessories per annexure-1

Dear Sir/Madam,

Sealed Quotations are invited for and on behalf of President of India for the "Fabrication, assembly and supply of SS chamber, flanges and its accessories." The detail specifications are attached in annexure-1.

The Sealed envelope for the quotation with the reference number of this enquiry shall be super scribed with "**Fabrication, assembly and supply of SS chamber, flanges and its accessories per annexure-1**" and should reach on or before 02/05/2022 to

Dr. Rishi Verma (Contact Person: Sukanta Kumar Mishra Ph: 0891-2832027)
Head, ESDS, PP&EMD, BARC,
PEB-1, BARCF, Gandivanipalem Village,
Dossuru Panchayat,
Atchutapuram Mandal,
Visakhapatnam – 531011

[Handwritten Signature]
19/04/2022

(Dr. Rishi Verma)
Head, ESDS,
PP&EMD, BARC, Visakhapatnam

डॉ. रूषि वर्मा / Dr. RISHI VERMA
अध्यक्ष, एनर्जेटिक्स प्रणाली विकास अनुभाग (पीपीएडएमडी)
Head, Energetics System Development Section (PP&EMD)
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Bhabha Atomic Research Centre, Government of India
विशाखपट्टणम / VISAKHAPATNAM-531011

Enclosure: General terms and conditions and Annexure-1

CC. Assistant Accounts Officer, BARC, Visakhapatnam.

General Specification

1. Quality surveillance, inspection and inspection report

- 1.0 All work covered by the inspections shall be subjected to quality surveillance by the purchaser or his authorized representatives for which purpose the fabricator shall allow access at all reasonable times during manufacture to
 - 1.1 The premises in which the work is being carried out.
 - 1.2 The drawings and or tooling involved.
 - 1.3 Gauges, instruments etc. required for inspecting the work.
 - 1.4 Inspection and tests shall be carried out by the fabricator as per the requirements detailed in the drawings and these specifications.
 - 1.5 The fabricator shall submit inspection reports to the purchaser for approval.
 - 1.6 Components found unsatisfactory as to workmanship or material shall be removed by the fabricator and replaced by the components which is satisfactory.
 - 1.7 The finished components shall not be dispatched prior to approval by our Engineer.

2. Raw Material

- 2.0 Raw Material for all the components and hardware will be provided by the supplier if not specified.

3. Delivery

- 3.0 The bidder shall deliver the finished components after approval by our Engineer within **4 weeks from the date of work order.**
- 3.1 In case any extension in delivery is to be granted to the contractor, party shall make a written request for extension justifying the reasons.

4. Sub Contract

- 4.0 The fabricator shall not sub-contract any or all the work without written consent from the purchaser. The fabricator shall be responsible to the purchaser for the entire sub contractor of the fabricator, if at all allowed by the purchaser.

5. Taxes

- 5.0 **Since the goods are to be supplied against the work order meant for research purpose of a research organization under DAE, the necessary GST will be exempted to the party.**
- 5.1 **Please note that BARC being an R&D institution, GST @ 5.0% applicable against undertaking from the supplier.**
GST exemption certificate shall be issued to the supplier
(This is as per office order No. BARC/GST/12/2017 dt.27.12.2017)

6. Payment

- 6.0 **Payment will be made only after satisfactory completion of work and on production of invoice with details of location of supply, separate tax components along with PAN & GSTN, advance stamped receipt, 4 nos. Guarantee/ Warranty Certificates, Bank details & receipt and issue of material from store.**
- 6.1 **Advance / Part payment or against delivery cannot be made.**
- 6.2 **It may be noted that Income Tax at 2% will be deducted from the bill.**
- 6.3 **TDS is to be deducted at the rate of 2 percent on payments made to the supplier of taxable goods and/or services, where the total value of such supply, under an individual contract, exceeds two lakh fifty thousand rupees.**
- 6.4 **Any delay which is attributable to the contractor is liable for penalty @ 1/2% per week (max 5%) to be imposed on the contractor.**

7. Confidentiality:

7.0 No party shall disclose any information to third party concerning the matters under this contract generally. In particular, any information identified as "PROPRIETARY" in nature by the disclosing party shall be kept strictly confidential by the receiving party and shall not be disclosed to any third party without the prior written consent of the original disclosing party.

7.1 "RESTRICTED INFORMATION" categories under section 18 of the Atomic Energy Act, 1962 and "OFFICIAL SECRETS" under section 5 of the Official Secrets Act, 1923:-

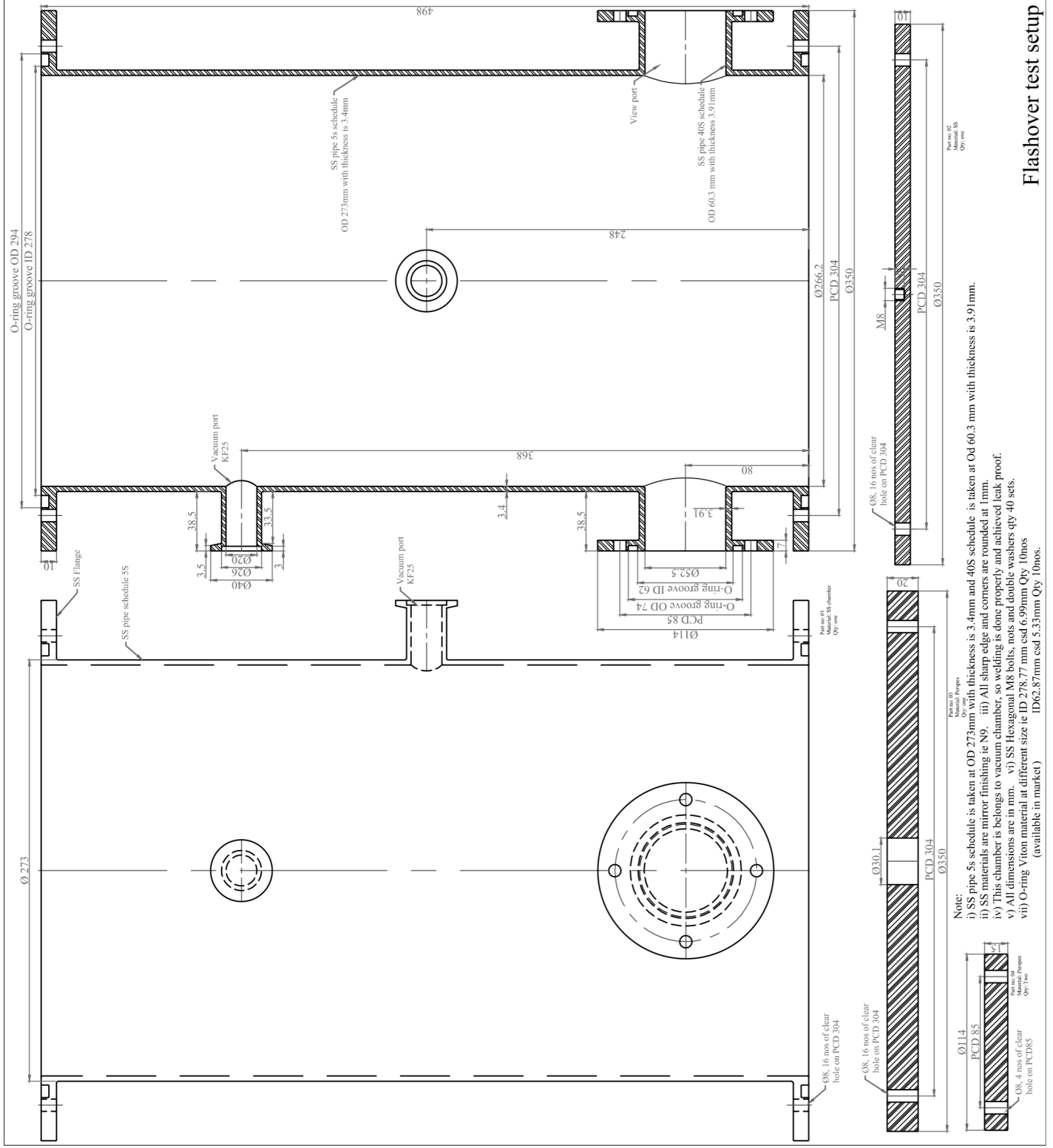
Any contravention of the above mentioned provisions by any contractor, sub-contractor, consultant, advisor or the any employees of a contractor will invite penal consequences under the aforesaid legislation.

7.2 Prohibition against use of BARC's name without permission for publicity purpose:-

The contractor or sub-contractor, consultant, advisor or the employees engaged by the contractor shall not use BARC's name for publicity through any public media like press, radio, T.V., or internet without the prior written approval from BARC

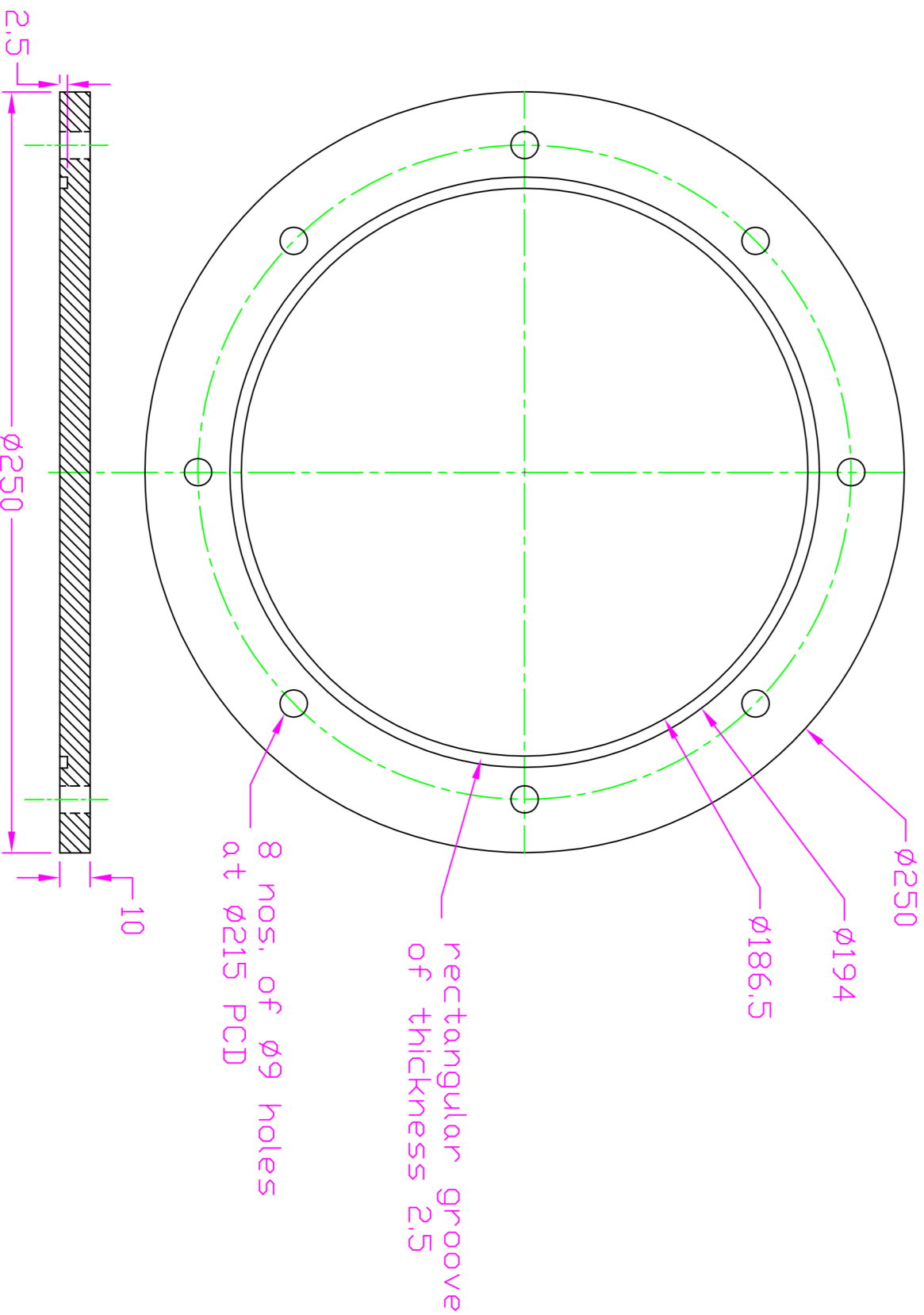
(vide circular ref: 2/Misc-9/Lg1/2001/92 dated April 30, 2001)

Annexure-1 Page-1



Note:
 i) SS pipe 5s schedule is taken at OD 273mm with thickness is 3.4mm and 40S schedule is taken at OD 60.3 mm with thickness is 3.9 mm.
 ii) SS materials are mirror finishing ie N9. iii) All sharp edge and corners are rounded at 1mm.
 iv) This chamber is belongs to vacuum chamber, so welding is done properly and achieved leak proof.
 v) All dimensions are in mm. vi) SS Hexagonal M8 bolts, nuts and double washers qty 40 sets.
 vii) O-ring Viton material at different size ie ID 278.77 mm esd 6.99mm Qty 10nos
 (available in market) ID62.87mm esd 5.33mm Qty 10nos.

Flashover test setup



SS flange
Qty: 1 No.
Material: SS-304

- Note:
1. All edges are to be chamfered
 2. All surfaces are to be mirror finished