

सत्यमेव जयते

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
BHABHA ATOMIC RESEARCH CENTRE  
VISAKHAPATNAM



भारतीय परमाणु अनुसंधान केंद्र  
BHABHA ATOMIC RESEARCH CENTRE

Computational Analysis Division

Ref: CAD/HEDM/WO/IND/22-23/17

Date: 14/10/2022

**Subject: Notice inviting tender for;**  
**“Fabrication and supply of SS & Teflon C-Blocks and Teflon sleeves”**  
(See Annexure-I)

1. Quotations are invited for minor fabrication job as per details described below.
2. **Scope of work:** See details in Annexure-I.
3. **General guidelines for submitting tender**
  - You shall send your offer in a **sealed envelope** indicating delivery period, price inclusive of taxes and other relevant information by speed post to:  
Head,  
CAD, Computational Analysis Division  
Bhabha Atomic Research Centre  
Village: Maduturu (Sub: P.O.)  
Near Nagavaram Junction,  
Gajuwaka-Yellamanchilli Highway  
Atchutapuram, Visakhapatnam  
Andhra Pradesh- 531011  
(Kind Attention: Rahulnath P.P., SO/D,CAD, 0891-283-2149/ 8985875318)
  - Quotation shall reach us on/or before **25/10/2022 by Speed Post/Courier/ Only.**
  - On top left corner of the envelope please indicate Quotation for– **“Fabrication and supply of SS & Teflon C-Blocks and Teflon sleeves”** and due date 25/10/2022
  - Overwriting, scratching etc. must be avoided in the quotation. Rewriting the whole figure shall carry out any alteration in the figure. The authorized person from the firm shall countersign such figure.
  - The delivery period mentioned in the quotation shall be strictly adhered to. If the contractor fails to supply and secure extension of delivery date before effecting delivery of the supply against the contract, acceptance of such item by the purchaser will in no way prejudice the right of the purchaser to levy liquidated damage nor will it be entitled to the contractor for payment of statutory levies that comes into force after the expiry of the delivery date.
  - Minimum Guarantee/**Warranty period** of the material and workmanship shall be **One Year.**
  - **Supplier shall mention clearly the PAN /TAN no. on quotation.**
  - **GST number shall be clearly mentioned on Quotation.**
  - All the charges and taxes shall be mentioned clearly.
  - You may contact us for any clarification before **25/10/2022** (Shri. Rahulnath P.P., 0891-2832149,8985875318, [rahulnath@barc.gov.in](mailto:rahulnath@barc.gov.in))
4. **Rates:**  
As per Scope of Work.



**5. Place of Delivery/Work:**

*Address: BARC-Stores, Bhabha Atomic Research Centre, Near Nagavaram Junction, Gajuwaka-Yellamanchilli Highway, Maduturu PO, Visakhapatnam, Andhra Pradesh- 531011.*

**5. PAYMENT TERMS:**

- a. Part payment/Advance or against delivery cannot be made.
- b. Payment will be made only after satisfactory completion of work and on production of (along with Delivery Challan):
  - i. Bill/Invoice containing Location of supply, separate tax components along with PAN and GSTN numbers.
  - ii. Advance Stamped Receipt.
  - iii. Bank Account No, Bank and Branch name with IFSC code.
  - iv. Undertaking stating that GST has been promptly deposited with the authorities
- c. It may be noted that:
  - i. Income tax @2% will be deducted from your bill.
  - ii. TDS (under GST) will be deducted as applicable from your bill of taxable goods and/or services, where the total value of such supply exceeds 2.50lakh.
  - iii. Declaration confirming filing of Income Tax Return from immediate two preceding years, in accordance with Section 206 AB of the Income Tax Act 1961, has to be submitted in the prescribed proforma along with necessary acknowledgements in support of declaration. In case the aforesaid declaration is not submitted, TDS/TCS shall be deducted at higher rates as instructed under the provisions of Income Tax Act.

**6. CONFIDENTIALITY CLAUSE:**

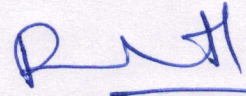
No, party shall disclose any information to any third party, concerning the matters under this contract generally. In particular, any information identified as "Proprietary" in nature by the disclosing party shall be kept strictly confidential by the receiving party and shall not be disclosed to any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

This clause shall apply to the sub-contractors, consultants, advisers or the employees engaged by a party with equal force.

"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, adviser or the employees of a contractor will invite penal consequences under the aforesaid legislation.

Prohibition against use of BARC's name without permission for publicity purposes. The contractor or sub-contractor, consultant, adviser or the employees engaged by the contractor shall not use BARC's name for any publicity purpose through any public medial like press, radio, T.V. or Internet without the prior written approval of BARC.



(Rahulnath P.P.)  
SO/D, CAD

Phone: 0891-2832149,

Email: [rahulnath@barc.gov.in](mailto:rahulnath@barc.gov.in)



**Scope of work****Fabrication and supply of SS & Teflon C-Blocks and Teflon sleeves**

The following components are to be fabricated:

Sl. No.	Coil type	Dimension	Quantity
01	SS304 C-Blocks	140x80x49 and C-cut:R35	16Nos.
02	Teflon C-Blocks	140x80x49 and C-cut:R35	16Nos.
03	Teflon Sleeve	Dia.39mm X L=150mm	16Nos.

**01. SS304 C-Blocks**

See Drg.No.01 for details

- a. Only CNC Milling and turning has to be done.
- b. Material: SS304, Quantity: 16Nos.
- c. Tolerance has to be precisely matched with those given in drawing.
- d. Surface roughness of 5microns has to be ensured at the bottom surface.
- e. Overall dimension 140x80x49mm
- f. C-cut has to be made on the face 140x49mm as shown in Drg.no.01 through the entire length. **The center point of Circle should be 50mm from base.**
- g. 04Nos. of through holes 10.5mm are to be made on the face 140x80mm. The holes are 110mm apart.

**02. Teflon C-Blocks**

See Drg.No.02 for details

- a. Only CNC Milling and turning has to be done.
- b. Material: Teflon (PTFE), Quantity: 16Nos.
- c. Tolerance has to be precisely matched with those given in drawing.
- d. Surface roughness of 5microns has to be ensured at the bottom surface.
- e. Overall dimension 140x80x49mm
- f. C-cut has to be made on the face 140x49mm as shown in Drg.no.01 through the entire length. **The center point of Circle should be 50mm from base.**
- g. 04Nos. of through holes 10.5mm are to be made on the face 140x80mm. The holes are 110mm apart.



### **03. Teflon Sleeve**

See Drg.No.03 for details

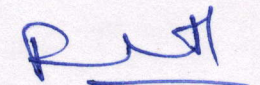
- a. Material: Teflon (PTFE), Quantity: 16Nos.
- b. Tolerance has to be precisely matched with those given in drawing.
- c. Overall dimension Dia.39mm X 150mm length.
- d. An O-ring groove of 3mmx5mm has to be made on one of the circular surfaces as mentioned in the drawing.
- e. M8 threading of length 30mm has to be made on other circular surface.
- f. Straight hole of 9mm diameter and 100mm length has to be made at the central portion of sleeve as mentioned in the drawing.
- g. Straight hole of 13mm diameter and 18mm length has to be made at the central portion of sleeve as mentioned in the drawing.
- h. Taper cone from dia.13mm to dia.21mm has to be made in 2mm length as shown.

### **Note to Vendor**

1. **Delivery schedule:** All components are to be delivered preferably within 2 weeks from the date of release of work order.
2. **CNC milling and turning:** All milling and turning operations are to be made in CNC machines only.

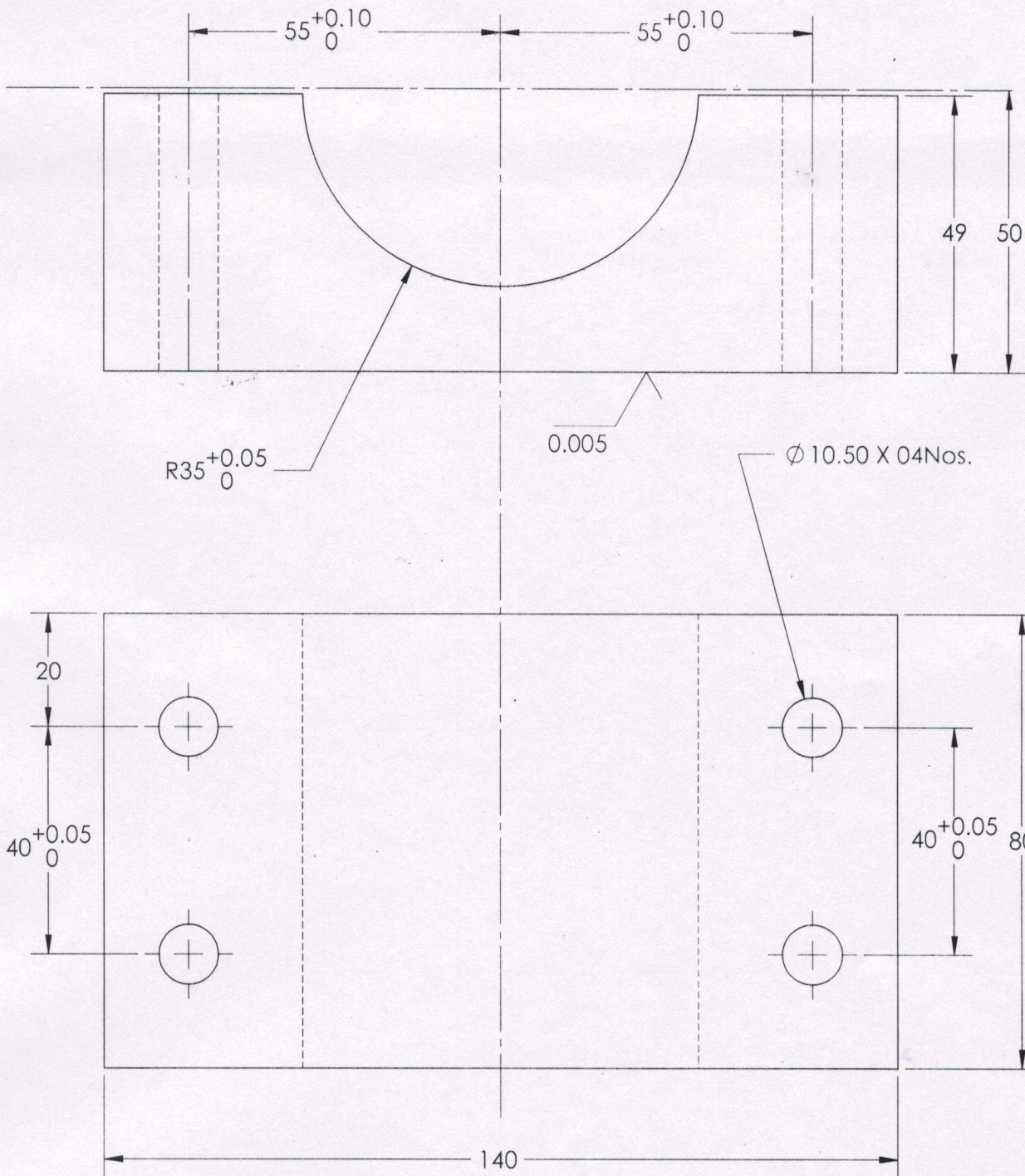
### **GENERAL REQUIREMENTS:**

- a) The vendors are encouraged to hold prior discussions with the indenter for any clarifications.
- b) Finished products should be delivered to the address given below.  
*Address:*  
"Stores Officer, Bhabha Atomic Research Center, Near Nagavaram Junction, Nagavaram-Atchutapuram Highway, Visakhapatnam, Andhra Pradesh- 531011"
- c) The cost of transportation/delivery if any should be mentioned in the quotation.
- d) No part payment will be done for any part delivery.
- e) It is mandatory to mention prices of each item separately.
- f) Single order will be placed for all the above items and no partial work is permitted.
- g) Minimum Guarantee/**Warranty period** of the raw material and workmanship shall be **One Year**.
- h) **Contact Persons:**
  - a) **Shri. Rahulnath P.P.**, Computational Analysis Division, BARC  
Contact details: [rahulnath@barc.gov.in](mailto:rahulnath@barc.gov.in)  
Phone: 0891-283-2149, 8985875318



(Rahulnath P.P.)  
SO/D, CAD

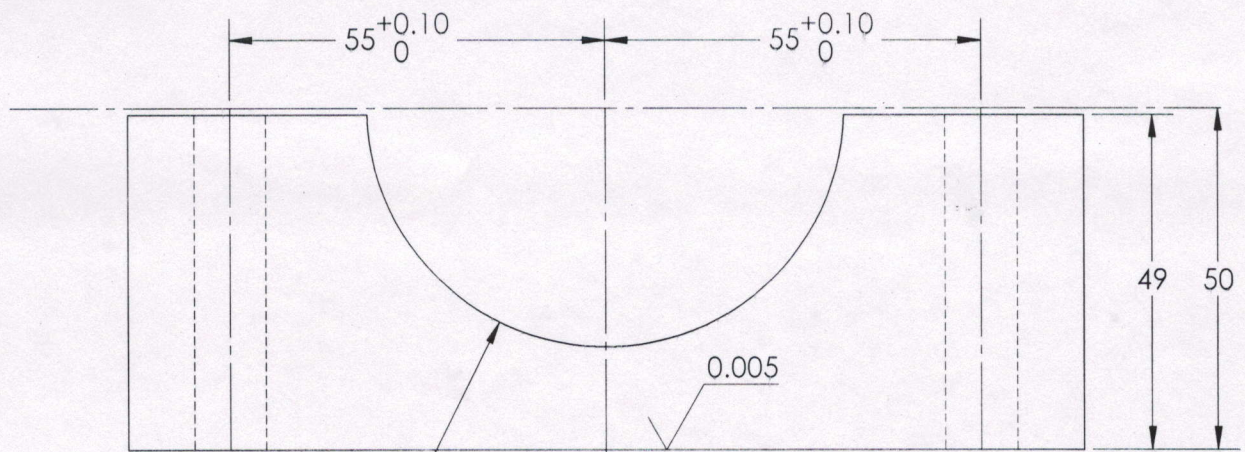




## SS304 C-Blocks

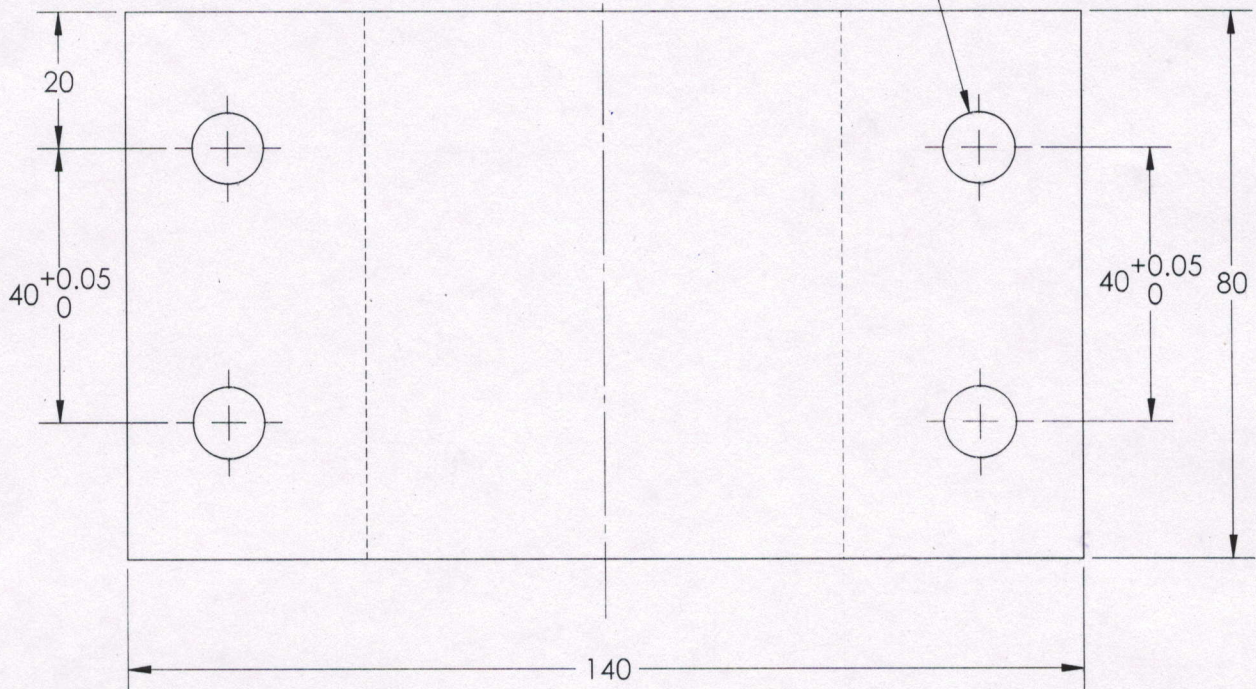
DRG. No.:01	All dimensions are in mm		
Quantity:16Nos.	SCALE:1:1	Material:SS304	
DATE:30/09/2022	MF:22-23/17	NAME & Sign.:Rahulnath	





R35<sup>+0.05</sup><sub>0</sub>

∅ 10.50 X 04Nos.



## Teflon C-Blocks

DRG. No.:02

All dimensions are in mm

Quantity:16Nos.

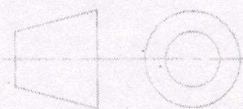
SCALE:1:1

Material:Teflon

DATE:30/09/2022

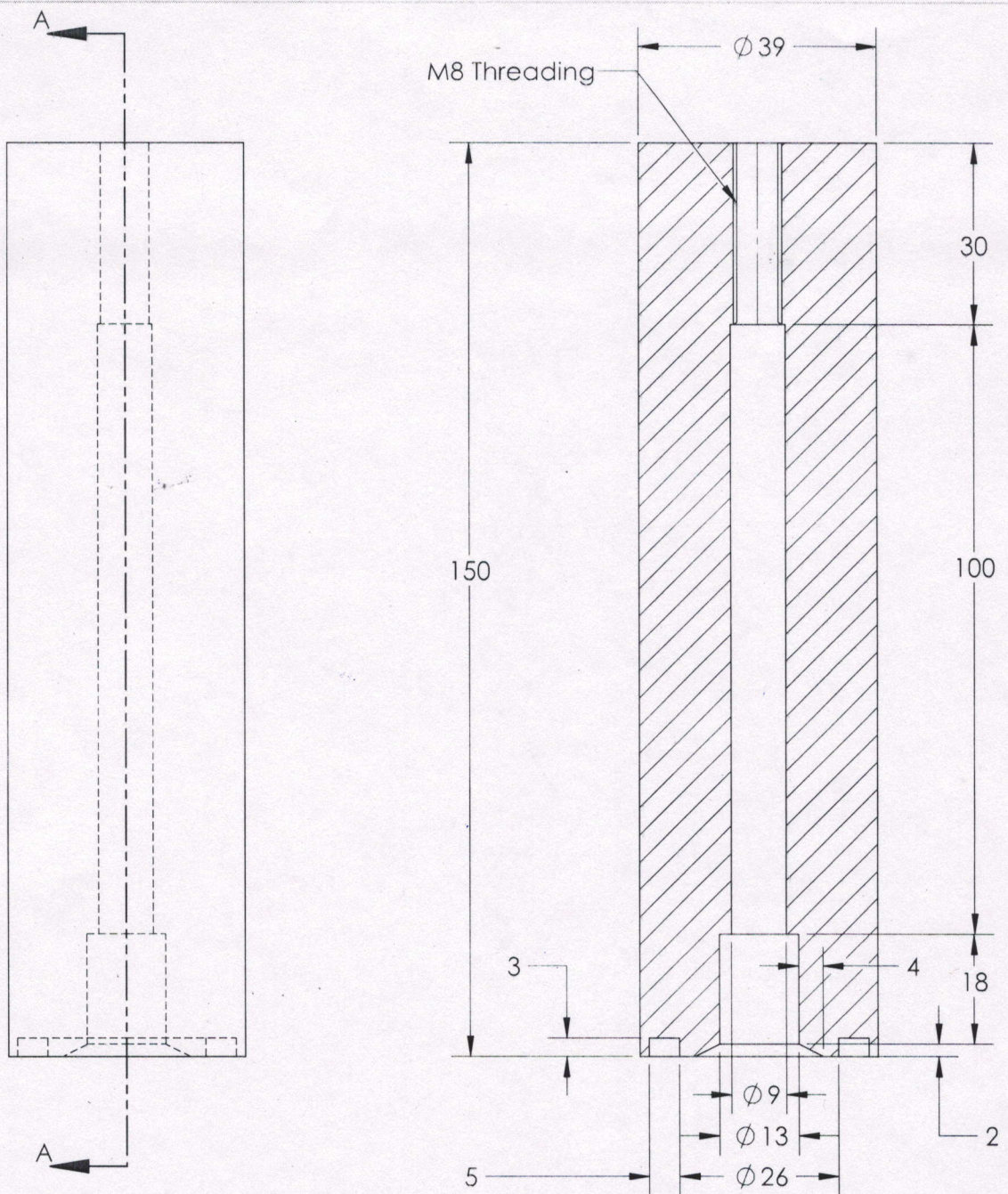
MF:22-23/17

NAME & Sign.:Rahulnath



*Rahulnath*





SECTION A-A  
SCALE 1 : 1

## Teflon Sleeve

DRG. No.:03

All dimensions are in mm

Quantity:16Nos.

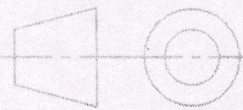
SCALE:1:1

Material:Teflon

DATE:30/09/2022

MF:22-23/17

NAME & Sign.:Rahulnath



*Rahulnath*