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प्लाज़्मा अनुसंधान संस्थान

INSTITUTE FOR PLASMA RESEARCH

परमाणु ऊर्जा विभाग, भारत सरकार का एक सहायता प्राप्त संस्थान

An Aided Institute of Department of Atomic Energy,
Government of India



इन्दिरा पुल के पास, भाट, गांधीनगर - 382 428 भारत

दूरभाष: (079) 2396 2020/2021/2028

फैक्स: 91-079-23962277

वेब: www.ipr.res.in

NEAR INDIRA BRIDGE, BHAT

DIST. GANDHINAGAR - 382 428 (INDIA)

Phone: (079) 2396 2000/2026/2332

Fax : 91-079-23962277

Web : www.ipr.res.in

ENQUIRY

ENQUIRY NO : IPR/EQF/18-19/094

Date : 25-07-2018

Due on : 30-08-2018 by 1:00 PM IST

Please send your offer in sealed envelope specifying Enquiry No, Date & Due Date, ALONG WITH your credentials for the following items which we are interested to import directly against Foreign Trade Policy 2015-2020.

Important Note:

Please note that e-mail quotations are not acceptable however you may send your queries (if any) to importpurchase@ipr.res.in

Please ensure your sealed quotation reaches this office not later than above mentioned due date and time.

Kindly go through the following documents properly before quoting which are available on the IPR web portal i.e., http://www.ipr.res.in/documents/tender_terms.html / attached herewith.

- 1) Instructions to the bidders & Terms and conditions (refer Form No: **IPR-FP-01.V3**)
- 2) Bidding format

GST for Goods and Services (IGST/CGST/SGST TAX BENEFITS): Please refer **clause no: 14** of Form No: **IPR-FP-01.V3**

QUOTATION SHOULD BE ADDRESSED TO PURCHASE OFFICER ONLY

Sr No	Description	Quantity
1	12 Pin Grounded Shield Double Ended BNC Feedthrough on 100 CF flange	2.0 Nos.
2	1 Pin Floating Shield Double Ended BNC Feedthrough on 35 CF flange	3.0 Nos.

Note: Please quote with complete technical details (Technical compliance sheet and product data sheet).

Encl: Refer attached sheet for detailed technical specification.

Sd/-

Mr. D. Ramesh
Purchase Officer-II

Information to Vendors: We are working towards a single platform for our future requirement. Hence, please refer IPR website i.e., <http://www.ipr.res.in/documents/tendersenq.html> for our future requirement.

Technical Specification for Ultra-High Vacuum Feed-through

ITEM – A: Grounded Shield Double Ended BNC Feedthrough (Quantity – 02)

- a. Flange Size: **100 CFF**
- b. Flange Material: **Stainless Steel**
- c. Pin Conductor Material: **Stainless Steel**
- d. Vacuum Range: **1.0×10^{-9} mbar to Atmosphere**
- e. Vacuum Leak Rate: **1.0×10^{-9} mbar l/s**
- f. Connector type: **BNC**
- g. Number of connector: **12**
- h. Electrical Insulation : **Alumina Ceramic**
- i. Voltage Rating: **500V DC**
- j. Current Rating : **3.0 A**
- k. Temperature range : **Room temperature to 250 degree C**

ITEM – B: Floating Shield Double Ended BNC Signal Feedthrough (Quantity – 03)

- a. Flange Size: **35 CFF**
- b. Flange Material: **Stainless Steel**
- c. Pin Conductor Material: **Stainless Steel**
- d. Vacuum Range: **1.0×10^{-9} mbar to Atmosphere**
- e. Vacuum Leak Rate: **1.0×10^{-9} mbar l/s**
- f. Connector type: **BNC**
- g. Number of connector: **1**
- h. Electrical Insulation : **Alumina Ceramic**
- i. Voltage Rating: **500V DC**
- j. Current Rating : **3.0 A**
- k. Temperature range : **Room temperature to 250 degree C**

ACCESSORY

UHV compatible Kepton/Polymide insulated BNC to open ended cable 1meter length (Quantity:25)

Technical Compliance Format

ITEM – A: Grounded Shield Double Ended BNC Feedthrough (Quantity – 02)

Sr. No.	IPR Technical Specification	Offer Value
1	Flange Size: 100 CFF	
2	Flange Material: Stainless Steel	
3	Pin Conductor Material: Stainless Steel	
4	Vacuum Range: 1.0 x 10⁻⁹ mbar to Atmosphere	
5	Vacuum Leak Rate: 1.0 x 10⁻⁹ mbar l/s	
6	Connector type: BNC	
7	Number of connector: 12	
8	Electrical Insulation : Alumina Ceramic	
9	Voltage Rating: 500V DC	
10	Current Rating : 3.0 A	
11	Temperature range : Room temperature to 250 degree C	

ITEM – B: Floating Shield Double Ended BNC Signal Feedthrough (Quantity – 03)

Sr. No.	IPR Technical Specification	Offer Value
1	Flange Size: 35 CFF	
2	Flange Material: Stainless Steel	
3	Pin Conductor Material: Stainless Steel	
4	Vacuum Range: 1.0 x 10⁻⁹ mbar to Atmosphere	
5	Vacuum Leak Rate: 1.0 x 10⁻⁹ mbar l/s	
6	Connector type: BNC	
7	Number of connector: 1	
8	Electrical Insulation : Alumina Ceramic	
9	Voltage Rating: 500V DC	
10	Current Rating : 3.0 A	
11	Temperature range : Room temperature to 250 degree C	

PS: Vender should fill in actual offer values or necessary description in specifications. **Please do not write comply or Yes or Y.**

Date :

Bidder's Sign and Stamp