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प्लाज्मा 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, भट, 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/18-19/056
 Date : 08-05-2018

Due on : 19-07-2018 by 1:00 PM IST

Reminder-1 Dt: 15-06-2018

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	B/A Type Nude Ionization Gauge head. (Specification in a separate sheet)	4.0 Nos.
2	Cable for above gauge: length 15 feet, single end assembly	4.0 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

(1) B/A type Nude ionization gauge head

Specification:

1. Type: B/A type hot cathode
2. Mounting Flange: DN 40 CF (O.D.: 70 mm Conflat type)UHV compatible S.S.flange
3. Filament Iridium, single
4. Grid: Tungsten, resistive heating
5. Length: 3"insertion
6. Mounting: Any
7. Emission: 10 mA
8. Filament Voltage: 3-5 Volt
9. Filament Current: 4-6 Amps
10. Filament Potential: +30 Volts
11. Collector Potential) volts
12. Grid Potential: +180 Volts
13. Degas: 70 watts by I²R heating
14. Degassing voltage: 9 V AC
15. Bake out temperature: 450 C
16. Measuring range: 1E-3 torr to 1E-10 torr

(2) Cable for the above gauge:

- (1) Length 15 feet,
- (2) single end assembly

Compliance Sheet for B/A type Nude ionization gauge head

1. B/A type Nude ionization gauge head

S/N	Particulars	IPR Specification		Vendor's specification
1	Type	B/A type hot cathode		
2	Mounting Flange	DN 40 CF (O.D.: 70 mm Conflat type)UHV compatible S.S.flange		
3	Filament			
	Material	Thoria coated Iridium / Iridium		
	Nos. of filament	Minimum 1 (one)		
4	Grid			
	Material	Tungsten		
	Type	Resistive heating		
5	Length	3 inch insertion		
6	Emission current	Minimum	0.1 mA	
		Maximum	10 mA	
7	Filament Voltage	Minimum	3 V	
		Maximum	5 V	
8	Filament Current	Minimum	4 Amps	
		Maximum	6 Amps	
9	Filament Potential	Minimum biasing +30 V		
10	Grid Potential	Minimum biasing +180 V		
11	Degas	70 watt by I ² R heating		
12	Degasing voltage	9 V AC		
12	Bake out temperature	450 C		
13	Measuring range	1E-3 torr to 1E-10 torr		

(2) Cable for the above gauge

S/N	Particulars	IPR Specification	Vendor's specification
1	Length	15 feet	
2	Assembly	Single end assembly	

Date :

Bidder's Sign and Stamp