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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](http://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](http://www.ipr.res.in)

## ENQUIRY

ENQUIRY NO : IPR/EQF/18-19/172  
Date : 07-12-2018

**Due on : 17-01-2019 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](mailto: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](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	convection enhanced pirani gauge head along with suitable control unit and connecting cables (Detailed specifications attached)	4.0 Nos.

Note: 1. Please quote with complete technical details (Technical compliance sheet and product data sheet).  
2. TDS as per CGST Act: As per provisions of section No. 51 of the CGST Act 2017, TDS @2% (IGST 2% or CGST 1% and SGST 1%) will be deducted while making payment to the suppliers where total value of orders/contracts/work orders exceeds Rs. 2.5 lakhs, in the event of order in Indian Rupees. Necessary TDS Certificate will be issued to the supplier after TDS deduction.

Encl: Other details are as per attached specification sheet.

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.

**Compliance sheet for convection enhanced Pirani Gauge head along with suitable control unit and connecting cables**

<b>Sr. No</b>	<b>Specifications</b>	<b>IPR requirement</b>	<b>Vendor's specification</b>
1	Measuring Range for N <sub>2</sub> or Air	Atmosphere to 10 <sup>-4</sup> torr	
2	Mounting Orientation	Horizontal, Any direction is preferable	
3	Material	UHV Compatible	
4	Envelop	SS 304 L	
5	End Connection:	16 KF Flange	
6	Operating Temperature:	0 to 50 °C	
7	Bake out Temperature:	150 °C	
8	Leak integrity of unit:	less than 1.0E-9 mbar lit/sec	
9	Control Unit	Unit Suitable for above mentioned vacuum gauge	
10	User selectable Units	torr or mbar	
11	Input power	A.C. 220/230 V, 50 Hz	
12	Display	LED/LCD digital display	
13	Calibration set points	Vacuum and atmosphere calibration (External calibration facility)	
14	Analogue output	Linear, non-linear or log linear	
15	Digital communication	2 user adjustable set point for RS 232 and RS-485 digital serial communication interface	
16	Convection gauge controller cable	suitable for above mentioned gauge and its controller unit with length: 3 mtrs or ore	

**Bidder's stamp and Sign:**

**Date:**