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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/19-20/070
Date : 19-06-2019

Due on : 25-07-2019 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

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	Combined pirani plus B-A type hot ionisation gauge with its display and control unit	4.0 Set

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: As per attached.

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.

Combined Pirani plus B-A type Hot Ionisation Gauge with Single Gauge Digital Display and Control Unit,

Quantity: 4 set

Specification

A. Sensor/ Gauge Head	
Sensor Types	Pirani + Bayard-Alpert type hot Ionisation Gauge
Sensor Combination	Must be Combined in Single Gauge Head
Mounting Flange	35/40 CF
Flange Material	Stainless Steel
Pressure Measurement Range	1×10^{-9} to 1000 mbar
Measurement Accuracy in High Vacuum (10^{-3} to 10^{-6} mbar)	± 20 % or better
No. of filaments	Two
Filament Degas	Required
Bake out Temperature	150° C or more without Electronics
B. Single Gauge Digital Display and Control Unit	
Gauge controller	Suitable for above gauge, Gauge digital display and control, Must be separate to gauge Head
Power Supply	230 V AC, 50 Hz
Communication	RS232 or RS485, Analog and Ethernet
Set point	At least one
Contact rating	30 VAC/1A, 60 VDC/0.5A
Length of Sensor Cable from Gauge Head to controller	3 meter or more

Technical Compliance Form

Combined Pirani plus B-A type Hot Ionisation Gauge with Single Gauge Digital Display and Control Unit,

Particular	IPR Requirement	Vendor's Specification
A. Sensor/ Gauge Head		
Sensor Types	Pirani + Bayard-Alpert type hot Ionisation Gauge	
Sensor Combination	Must be Combined in Single Gauge Head	
Mounting Flange	35/40 CF	
Flange Material	Stainless Steel	
Pressure Measurement Range	1×10^{-9} to 1000 mbar	
Measurement Accuracy in High Vacuum (10^{-3} to 10^{-6} mbar)	± 20 % or better	
No. of filaments	Two	
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B. Single Gauge Digital Display and Control Unit		
Gauge controller	Suitable for above gauge, Gauge digital display and control, Must be separate to gauge Head	
Power Supply	230 V AC, 50 Hz	
Communication	RS232 or RS485, Analog and Ethernet	
Set point	At least one	
Contact rating	30 VAC/1A, 60 VDC/0.5A	
Length of Sensor Cable from Gauge Head to controller	3 meter or more	

Bidder's Official Stamp and Sign:

Date: