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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
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ENQUIRY

ENQUIRY NO : IPR/EQF/19-20/082
Date : 03-07-2019

Due on : 22-08-2019 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	High vacuum penning gauges	2.0 Nos.

Note: 1.Delivery required within 3-4 weeks from the date of P.O.
2.Please quote with complete technical details (Technical compliance sheet and product data sheet).
3.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.

Technical Specification for High Vacuum Penning gauge

- 1) Type : High Vacuum Full Range Gauge
- 2) Connection Type : DN 40 ISO-KF
- 3) Flange Material : Stainless Steel
- 4) Measuring Range : 1×10^{-8} mbar to 1000 mbar
- 5) Accuracy : $< \pm 30\%$ in the range of 1×10^{-8} to 1×10^{-3} mbar
 $< \pm 5\%$ in the range of 1×10^{-3} to 100 mbar
- 6) Repeatability : $< \pm 5\%$ in the range of 1×10^{-8} to 100 mbar
- 7) Bake out Temperature (at Flange) : > 100 °C (sensor only - electronics removed)
- 8) Operating Temperature : 20 °C to 50 °C
- 9) Storage Temperature : 20 °C to 50 °C
- 10) Mounting orientation : Any
- 11) Sensor Cable length : 3 meter
(between control unit and gauge head)
- 12) Dual gauge Display and Control unit : 2 sets are required. Voltage of 240 volt and
(for 2 gauges) measuring range of 1×10^{-10} mbar to 1000
mbar
- 13) Quantity : 2 No (Two sets of all above items)

Compliance Sheet

S. N.	IPR Specification	Vendor details
	Technical specification of penning gauge	Requirement
1	Type	High Vacuum Full Range Gauge
2	Connection Type	DN 40 ISO-KF
3	Flange Material	Stainless Steel
4	Measuring Range	1 x 10 ⁻⁸ mbar to 1000 mbar
5	Accuracy	< ±30% in the range of 1x10 ⁻⁸ to 1x10 ⁻³ mbar < ±5% in the range of 1x10 ⁻³ to 100 mbar
6	Repeatability	< ±5% in the range of 1x10 ⁻⁸ to 100 mbar
7	Bake out Temperature (at Flange)	>100 °C (sensor only - electronics removed)
8	Operating Temperature	20 °C to 50 °C
9	Storage Temperature	20 °C to 50 °C
10	Mounting orientation	Any
11	Sensor Cable length (between control unit and gauge head)	3 meter
12	Dual gauge Display and Control unit (for 2 gauges)	2 sets are required. Voltage of 240 volt and measuring range of 1x10 ⁻¹⁰ mbar to 1000 mbar
13	Quantity	2 No (Two sets of all above items)

Bidder's official stamp and sign:

Date: