



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 2020/2021/2028
Fax : 91-079-23962277
Web : www.ipr.res.in

ENQUIRY

ENQUIRY NO : IPR/EQL/19-20/138
Date : 01-07-2019

Due on : 08-08-2019 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:

Important Note:

Please note that e-mail quotations are not acceptable however you may send your
queries (if any) to localpurchase@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-LP-01.V4**)
- 2) Bidding format

GST for Goods and Services (IGST/CGST/SGST TAX BENEFITS): Please refer **clause no: 8** of Form No: **IPR-LP-01.V4**

QUOTATION SHOULD BE ADDRESSED TO PURCHASE OFFICER ONLY

Sr No	Description	Quantity
1	RTD PT-100 differential transmitter as per attached specification	20.0 Nos.

Note: Note : (1) Unsigned quotations are not acceptable.
Quotation should be submitted duly signed on ALL PAGES
invariably
(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

Encl: Delivery Time:- 10-12 Weeks
As Per Attachment

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/tenderseng.html> for our future requirement.

Specification cum Compliance Sheet

Item: RTD PT-100 differential transmitter
Quantity: 20 Nos.

Application: RTD PT-100 differential transmitter will be used for ΔT measurement. The transmitter should convert the difference of two PT-100 inputs temperature signal measured by two PT-100 sensors into the standard 4-20mA signal output.

Specification:

SN	IPR Requirement	Vendor Specification
1	Input Data: No. of Channel: Two (2, CH1 & CH2) Input sensor type: RTD PT-100, 3 wire Input Temperature range: 15°C - 75 °C (Typ.) Input resistance: $\geq 1 \text{ M}\Omega$	
2	Output Data: Output signal: 4-20mA DC proportional to difference of two input channels i.e. CH1-CH2 or CH2 – CH1 Output error limit: $\pm 0.25\%$ of full scale (Typ.)	
3	Isolation: 3-port isolation between input, output and power supply Isolation test voltage: 1.5 kV min, 1 min	
4	Response time: $\leq 1 \text{ sec}$	
5	Power: 24 VDC +/- 10% (Preferable)	
6	EMC: As per standard, Please specify standard	
7	Enclosure/Housing protection : IP20 or better	
8	Mounting: With Snap-On mounting for 35mm mounting rail	
9	Design: Modular housing, screw terminals	
10	Size: Width $\leq 50\text{mm}$ (Typ.), Height and Depth $\leq 200\text{mm}$ (Typ.)	
11	Operation/User Manual: Should be provided	
12	Certificate: <ul style="list-style-type: none"> Calibration certificate for input temperatures vs. output 4-20mA current for at least 5 values should be provided Certificate of conformance should be provided along with material. 	

Notes:

- 1) Compliance statement must be provided along with the quotation.
- 2) Kindly avoid using the word "Yes/Complied/OK" in compliance form. Please mention the actual numerical values / information against the technical specification in compliance form.
- 3) Technical Details/ brochure should be provided.

Bidder's Sign with Official Stamp