

This file has been cleaned of potential threats.

To view the reconstructed contents, please SCROLL DOWN to next page.



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 2020/2021/2028  
Fax : 91-079-23962277  
Web : [www.ipr.res.in](http://www.ipr.res.in)

## ENQUIRY

ENQUIRY NO : IPR/EQL/18-19/081  
Date : 13-06-2018

**Due on : 05-07-2018 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](mailto: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](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	Panel box mounted PID Temperature Controllers as per attached specification	1.0 No

Note: Please quote with complete technical details (Technical compliance sheet and product data sheet).

Encl: 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 for PID Temperature Controller

1. Quantity Required: A panel box mounted 08 Nos. PID temperature controller
2. Input type: Thermocouple type J, K or RTD (Pt-100) 2 or 3 wire or 0-5V or 4-20mA (user selectable). The thermocouple type K input should be factory set for range: 0-400°C prior to supply the unit
3. Display type: 4 digit LED
4. Control types: On/Off, PID
5. Control outputs: 1 no. SSR and 1 no. Relay rated 5A @ 230VAC (to control heating)
6. Output indication: Front panel LED indication for Outputs and selected set point
7. Retransmission output: 4-20mA proportional to the process value
8. Open sensor indication: fault message should be displayed and outputs should be turned off for fail safe operation
9. Key board settings: Front panel key pad for parameter settings should be provided
10. Communication: for remote operation RS-485
11. 8 Nos. controllers should be mounted in a suitable size enclosure (box) with input and output terminals and individual on-off switch for each controller should be provided.
12. Supply voltage to the box: Single phase 230VAC, 50Hz
13. The PID controller unit should be provided in ready to use condition
14. Instruction manual printed in English should be provided along with the material
15. One year warranty of the controller should be provided
16. Technical Compliance Statement of the IPR specification should be provided along with the offer.