



**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, भाट, 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/18-19/374  
Date : 23-01-2019

**Due on : 21-02-2019 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](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	5-port PTP IEEE 1588 compliant industrial managed switch; part number: Wago part no.: 852-1505 or Moxa part no.: EDS-405A equivalent	1.0 Nos.

Note: 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 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.

5-port PTP IEEE 1588 compliant industrial managed switch			
Sr. No	IPR Requirements		Vendor's Specification
	Parameter	Value	
Technical data			
1	Number of 1000Base-T ports	5 port or better	
2	Communication standards	IEEE 1588v2 Precision Time Protocol (PTP) IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T IEEE 802.3z 1000BASE-SX/LX IEEE 802.3x Flow Control IEEE 802.1w Rapid Spanning Tree Protocol (RSTP) IEEE 802.1q VLAN Tagging IEEE 802.1ab Link Layer Discovery Protocol (LLDP) IEEE 802.1p Prioritization IEEE 802.1x Port Authentication	
3	Supply voltage	12 to 60 VDC	
4	VLANs	Port-based and tag-based (4k VIDs)	
5	Baud rate	10/1000 Mbit/s	
6	Transmission medium (communication/fieldbus) Copper cable	Cat. 5 or higher	
7	Indicator	System LED Indicators:Power and system status	
Connection data			
8	Connection technology: communication/fieldbus	Copper cable: RJ-45	
Standard and certifications			
9	Shock resistance	acc. to IEC 60068-2-27	
10	EMC	EN 55032/24 or acc. to standard EN 61000-6	
11	Vibration resistance	acc. to IEC 60068-2-6	
Environmental Requirements			
12	Surrounding air (operating) temperature	-40 to 70 °C	
13	Degree of protection	IP30 or better	