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

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/18-19/170
Date : 03-12-2018

Due on : 10-01-2019 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	RF power meter along with power sensors as per the attached specifications	1.0 Nos.

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: Other details are as per attached specifiation sheet.

Sd/-
Mr. D. Ramesh

Enquiry Generation Details

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.

Enquiry Generation Details

Technical Specification for In Line RF Power Meter

1.	**Single channel RF Power Meter**	
a.	**Frequency range**	(10 – 500) MHz
b.	**Power measurement range**	10W to 1.0 KW
c.	**VSWR**	1.1:1 max
d.	**Power measurement accuracy**	± 5% over the full frequency range including sensor / element inaccuracy
e.	**Display**	Digital display
f.	**Display parameters**	Forward Power (both in Watt and dBm), Reflected Power (both in Watt & dBm).
g	**Power supply**	230 V AC 50 Hz mains / battery
h	**Connector**	N (f) type / If any other type, pl. mention.

2.	**Power Sensor (s) / Elements (s) for Forward and Reflected Power:**	
a.	**Frequency range**	(10 – 500) MHz
b.	**Power measurement range**	10W to 1.0KW
c.	**VSWR**	1.1:1 max
d.	**Power measurement accuracy**	± 5%
e.	**Directivity**	25dB or better
f.	**Insertion loss**	0.1dB Max.

Note:-

Supplier should quote all the accessories required for measurement of power (10W - 1KW) in the frequency range of (10 –500) MHz. Number of sensors/elements may be more than one depending upon the range of the elements/sensors.

Technical compliance sheet for power meter and sensors

1.	**Single channel RF Power Meter**		
	Specification	**IPR**	**Vendor's remark**
a.	**Frequency range**	(10 – 500) MHz	
b.	**Power measurement range**	10W to 1.0 KW	
c.	**VSWR**	1.1:1 max	
d.	**Power measurement accuracy**	± 5% over the full frequency range including sensor / element inaccuracy	
e.	**Display**	Digital display	
f.	**Display parameters**	Forward Power (both in Watt and dBm), Reflected Power (both in Watt & dBm).	
g	**Power supply**	230 V AC 50 Hz mains / battery	
h	**Connector**	N (f) type / If any other type, pl. mention.	

2.	**Power Sensor (s) / Elements (s) for Forward and Reflected Power:**		
	Specification	**IPR**	**Name of the party**
a.	**Frequency range**	(10 – 500) MHz	
b.	**Power measurement range**	10W to 1.0KW	
c.	**VSWR**	1.1:1 max	
d.	**Power measurement accuracy**	± 5%	
e.	**Directivity**	25dB or better	
f.	**Insertion loss**	0.1dB Max.	

Note: Pl. do not write words such as OK, confirm etc. Write the exact value. If you want to quote for more than one model, you can send them, filling different tables.

Bidders's Stamp and sign:_____ Date:_____