



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/18-19/118
 Date : 05-09-2018

Due on : 11-10-2018 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 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	Directional antenna (Other details are as per the attached specifications)	1.0 No

Note: (1) Please quote with complete technical details (Technical compliance sheet and product data sheet).
 (2) Payment Terms:
 - Through Letter of Credit :- The L/C will be established for 90% value of purchase order and the same will be paid against presentation of shipping documents.
 - Through Wire Transfer : 10% payment will be paid through wire transfer after receipt and final acceptance of the item/s at IPR site and on submission of performance Bank Guarantee for 10% of the order value, valid throughout warranty period.

Encl: Other details are as per attached specification sheet.

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.

Specifications for Directional antenna

Sl.No.	Item	IPR Specification
1.	Frequency range	20 MHz – 6 GHz
2.	Damage field strength	10 V/m
3.	RF Input Power	Upto +20 dBm
4.	Antenna working in receiving and transmitting modes	Shall be available
5.	Input impedance	50 ohm
6.	VSWR	<2.5
7.	Polarization	Horizontal and vertical both should be available
8.	Low noise amplifier	On/off facility should be available Also mention the gain with/without amplifier
9.	Integrated electronic compass	Should be available to give azimuth and elevation data
10.	Interface	Pl. mention the interface
11.	Power supply	Mention the supply details
12.	For field work, provision to operate with batteries	shall be available pl. mention the battery data
13.	Connector	N type or BNC
14.	Required cable set for transmission as well as receiving	Shall be available
15.	Operating temperature	Up to 50° C
16.	Transit case	Shall be available
17.	Tripod	Shall be available for fixing the antenna and adjusting the height. Collapsible tripod required. water proof tripod would be preferred

Note: pl. send the quotation along with catalogue/data sheets.

Note: In the compliance table pl. write the exact specification.

Pl. do not write 'confirm' , 'yes' or 'OK ' etc.

Technical compliance sheet

SI.No.	Item	IPR Specification	Vendor Specification
1.	Frequency range	20 MHz – 6 GHz	
2.	Damage field strength	10 V/m	
3.	RF Input Power	Upto +20 dBm	
4.	Antenna working in receiving and transmitting modes	Shall be available	
5.	Input impedance	50 ohm	
6.	VSWR	<2.5	
7.	Polarization	Horizontal and vertical both should be available	
8.	Low noise amplifier	On/off facility should be available Also mention the gain with/without amplifier	
9.	Integrated electronic compass	Should be available to give azimuth and elevation data	
10.	Interface	Pl. mention the interface	
11.	Power supply	Mention the supply details	
12.	For field work, provision to operate with batteries	shall be available pl. mention the battery data	
13.	Connector	N type or BNC	
14.	Required cable set for transmission as well as receiving	Shall be available	
15.	Operating temperature	Up to 50° C	
16.	Transit case	Shall be available	
17.	Tripod	Shall be available for fixing the antenna and adjusting the height. Collapsible tripod required.	

Date: _____

Bidder's stamp and Sign: _____