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प्लाज्मा अनुसंधान संस्थान
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 परमाणु ऊर्जा विभाग, भारत सरकार का एक सहायता प्राप्त संस्थान
**An Aided Institute of Department of Atomic Energy,
 Government of India**



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ENQUIRY

ENQUIRY NO : IPR/EQF/18-19/131
 Date : 25-09-2018

Due on : 01-11-2018 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 | Loop type dual directional coupler, WR 340 | 2.0 Nos. |
| 2 | 3-stub tuner, WR 340 | 2.0 Nos. |
| 3 | Adjustable short WR 340 | 2.0 Nos. |

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

Encl: Refer attached sheet for detailed technical specification

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.

Compliance Statement for Loop Type Dual Directional Coupler WR340

| Sr. No. | Required Specifications (Typical Value) | | Vendors Specifications | Compliance (Yes/No) |
|---------|---|---|------------------------|---------------------|
| 1. | Specification | Value | | |
| 2. | Component | Dual Directional Coupler | | |
| 3. | Waveguide size | WR340 | | |
| 4. | Frequency | 2450 MHz \pm 25 MHz | | |
| 5. | Type | Loop Type Coupler with dual coupling ports for forward and reverse coupling | | |
| 6. | Coupling | 60 dB \pm 2.0 dB | | |
| 7. | Directivity | 20 dB or better | | |
| 8. | Material | Copper / Aluminium / Brass | | |
| 9. | Flange type | UDR26 / CPR340F / PDR26 or equivalent | | |
| 10. | Coupling port / Monitoring connector | N-Female / SMA Female | | |
| 11. | Main line VSWR | 1.3 or better | | |
| 12. | Power carrying capability | 2.0 KW or better | | |

Compliance Statement for Adjustable Short WR340

| Sr. No. | Required Specifications (Typical Value) | | Vendors Specifications | Compliance (Yes/No) |
|---------|---|---------------------------------------|------------------------|---------------------|
| 1. | Specification | Value | | |
| 2. | Component | Adjustable Short | | |
| 3. | Waveguide size | WR340 | | |
| 4. | Frequency | 2450 MHz \pm 10 MHz or better | | |
| 5. | Type | Manual drive / knob driven plunger | | |
| 6. | Movement or shortening length | 170 mm or more | | |
| 7. | Material | Copper / Aluminium / Brass | | |
| 8. | Flange type | UDR26 / CPR340F / PDR26 or equivalent | | |
| 9. | Power carrying capability | 2.0 KW or better | | |

Compliance Statement for 3 Stub Tuner WR340

| Sr. No. | Required Specifications (Typical Value) | | Vendors Specifications | Compliance (Yes/No) |
|---------|---|---------------------------------------|------------------------|---------------------|
| | Specification | Value | | |
| 1. | Component | 3 Stub Tuner | | |
| 2. | Waveguide size | WR340 | | |
| 3. | Frequency | 2450 MHz \pm 25 MHz or better | | |
| 4. | Type | 3 Stubs type | | |
| 5. | Tuning Capacity | Up to 10 VSWR or better | | |
| 6. | Tuning length | 170 mm or more | | |
| 7. | Material | Copper/Brass/Aluminium | | |
| 8. | Flange type | UDR26 / CPR340F / PDR26 or equivalent | | |
| 9. | Power carrying capability | 2.0 KW or better | | |
| 10. | Should have facility for locking brake | | | |
| 11. | | | | |

Date :**Bidder's sign and Stamp**