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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 2000/2026/2332  
Fax : 91-079-23962277  
Web : [www.ipr.res.in](http://www.ipr.res.in)

## ENQUIRY

ENQUIRY NO : IPR/EQF/18-19/139  
Date : 10-10-2018

**Due on : 15-11-2018 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](mailto: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](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	Volume Brag grating for 693.4 nm as per the attached specifications	2.0 Nos.
2	Volume Brag grating for 532 nm as per the attached specifications	2.0 Nos.
3	Volume Brag grating for 1064 nm as per the attached specifications	2.0 Nos.

Note: Please quote with complete technical details (Technical compliance sheet and product data sheet).  
Payment will be made as follows :-  
- 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.

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/tendersenq.html> for our future requirement.

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.

**Specifications for Volume Brag Grating (Notch Filter)**

1. No. of filters : 6 (two for each desired wavelength)
  2. Design Wavelengths (DW): 532 nm , 693.4 nm, 1064 nm
  3. Input Angle at DW:  $\geq 5$  deg
  4. Output Angle at DW:  $\leq -6$  deg
  5. Blocking of Design Wavelength:  $\geq 99.9\%$
  6. Grating Thickness:  $> 2.5$  mm
  7. Spectral Bandwidth (FWHM):  $\leq 0.3$  nm
  8. Grating Aperture (W  $\times$  H): 12.5 mm  $\times$  12.5 mm
  9. Minimum Transmittance at DW nm:  $> 70\%$
  10. AR Coating: Broadband
  11. Reflectivity per Surface at CW:  $< 0.5\%$
  12. Mounting: Suitable
-

## Technical compliance

Specification	IPR requirement	Company Offer
No. of filters	: 6 (two for each desired wavelength)	
Design Wavelengths (DW)	: 532 nm , 693.4 nm, 1064 nm	
Input Angle at DW	: $\geq 5$ deg	
4. Output Angle at DW	: $\leq -6$ deg	
Blocking of Design Wavelength	: $\geq 99.9\%$	
Grating Thickness	: $> 2.5$ mm	
Spectral Bandwidth (FWHM)	: $\leq 0.3$ nm	
Grating Aperture (W $\times$ H)	: 12.5 mm $\times$ 12.5 mm	
Minimum Transmittance at DW nm	: $> 70\%$	
AR Coating	: Broadband	
Reflectivity per Surface at CW	: $< 0.5\%$	
Mounting	: Suitable	

Date:

Bidders sign with official stamp