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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

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/18-19/137
Date : 08-10-2018

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

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	Copper (Cu) Sputtering Target	2.0 Nos.
2	Zinc (Zn) Sputtering Target	2.0 Nos.
3	Tin (Sn) Sputtering Target	1.0 Nos.
4	Aluminium (Al) Sputtering Target	1.0 Nos.
5	Titanium (Ti) Sputtering Target	1.0 Nos.
6	Molybdenum (Mo) Sputtering Target	1.0 Nos.
7	Chromium (Cr) Sputtering Target	1.0 Nos.
8	Zinc Oxide (ZnO) Sputtering Target	2.0 Nos.
9	Aluminium doped Zinc Oxide (ZnO:Al = 98:2 weight percent) Sputtering Target	1.0 Nos.
10	Indium (In) Sputtering Target	1.0 Nos.

11	Magnesium Flouride (MgF2) Sputtering Target	2.0 Nos.
12	Ni (Ni) Sputtering Target	1.0 Nos.

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

Encl: Other details are as per attached specification sheet.

Sd/-

Mr. Nipen Nath
Assistant Purchase Officer

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.

Specifications of Sputtering Targets

स्पटरिंग लक्ष्य के विनिर्देश

S. No.	Name of the Sputtering Target	Purity of the Target	Diameter of the Target	Thickness of the Target
1.	Copper (Cu) Target	99.999%	76 mm	5mm
2.	Zinc (Zn) Target	99.999%	76 mm	5mm
3.	Tin (Sn) Target	99.999%	76 mm	5mm
4.	Aluminium (Al) Target	99.999%	76 mm	5mm
5.	Titanium (Ti) Target	99.999%	76 mm	5mm
6.	Molybdenum (Mo) Target	99.95%	76 mm	5mm
7.	Chromium (Cr) Target	99.95%	76 mm	5mm
8.	Zinc Oxide (ZnO) Target Target Stick to 2mm Thick OHFC Copper Plate using elastomer bonding	99.99%	76 mm	5mm
9.	Aluminium Doped Zinc Oxide (ZnO:Al = 98:2 wt%) Target Target Stick to 2mm Thick OHFC Copper Plate using elastomer bonding	99.99%	76 mm	5mm
10.	Indium (In) Target	99.999%	76 mm	5mm
11.	Magnesium Fluoride (MgF ₂) Target Target Stick to 2mm Thick OHFC Copper Plate using elastomer bonding	99.99%	76 mm	5mm
12.	Nickel (Ni) Target	99.99%	76mm	5mm

Purity test Certificate of the sputtering target material should be provided with the material.

Compliance Sheet for Sputtering Targets

स्पटरिंग लक्ष्य के लिए अनुपालन पत्रक

S. No.	Name of the Sputtering Target	IPR's Specificatoinis				Vendor's Specifications			
		Purity of the Target (%)	Diameter of the Target (mm)	Thickn ess of the Target (mm)	Additional Specifications	Purity of the Target (%)	Diame ter of the Target (mm)	Thickn ess of the Target (mm)	Additional Specifications
1.	Copper (Cu) Target	99.999	76	5	-				
2.	Zinc (Zn) Target	99.999	76	5	-				
3.	Tin (Sn) Target	99.999	76	5	-				
4.	Aluminium (Al) Target	99.999	76	5	-				
5.	Titanium (Ti) Target	99.999	76	5	-				
6.	Molybdenum (Mo) Target	99.95	76	5	-				
7.	Chromium (Cr) Target	99.95	76	5	-				
8.	Zinc Oxide (ZnO) Target	99.99	76	5	Target Stick to 2mm Thick OHFC Copper Plate using elastomer bonding				
9.	Aluminium Doped Zinc Oxide (ZnO:Al = 98:2 wt%)	99.99	76	5	Target Target Stick to 2mm Thick OHFC Copper Plate using elastomer bonding				
10.	Indium (In) Target	99.999	76	5	-				
11.	Magnesium Fluoride (MgF ₂) Target	99.99	76	5	Target Stick to 2mm Thick OHFC Copper Plate using elastomer bonding				
12.	Nickel (Ni) Target	99.99	76	5	-				

Date :

Bidder' Sign and Stamp