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प्लाज़्मा 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 2020/2021/2028
Fax : 91-079-23962277
Web : www.ipr.res.in

ENQUIRY

ENQUIRY NO : IPR/EQL/19-20/118
Date : 18-06-2019

Due on : 25-07-2019 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:

Important Note:

Please note that e-mail quotations are not acceptable however you may send your
queries (if any) to localpurchase@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-LP-01.V4**)
- 2) Bidding format

GST for Goods and Services (IGST/CGST/SGST TAX BENEFITS): Please refer **clause no: 8** of Form No: **IPR-LP-01.V4**

QUOTATION SHOULD BE ADDRESSED TO PURCHASE OFFICER ONLY

Sr No	Description	Quantity
1	Ceramic fiber board with suitable binding material as per detail technical specification.	70.0 Nos.
2	Ceramic fiber paper as per detail technical specification.	15.0 Nos.

Note: 1. Please quote with complete technical details (Technical compliance sheet and product data sheet).

2. As per the provisions mentioned under 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 the purchase

3. Supply of Thermal Insulation Materials

Encl: As Per Attachment

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.

Supply of thermal insulation materials

Technical specification:

I. Ceramic fibre board

Technical parameters	Properties
Classification temperature °C	1200°C or better
Thickness (mm)	200 mm (200 mm single layer or 50 mm each with 4 no. of layers) (± 1 mm tolerance)
Size (mm)	500 mm (w) x 1000 mm (l) (± 10 mm tolerance)
Quantity (unit)	70 pieces
Bulk density (kg/m ³)	≥ 700
Compressive strength (kg/cm ²)	16 kg/cm ² or better
Thermal conductivity (W/m-K)	≤ 0.25 W/m-K @ 1000 °C temperature
Binder / Adhesive agent	Vendor should also quote sufficient quantity of binding materials.

II. Ceramic fibre paper

Technical parameters	Properties
Classification temperature °C	1200°C or better
Thickness (mm)	5 mm (Single layer) (± 1 mm tolerance)
Size (mm)	1000 mm (l) x 1000 mm (w) (± 10 mm tolerance)
Quantity (unit)	15 pieces
Bulk density (kg/m ³)	≥ 140
Tensile strength (kPa)	200 kPa or better
Thermal conductivity (W/m-K)	≤ 0.20 W/m-K @ 1000 °C temperature

IPR acceptance criteria:

- (1) Vendor should provide technical datasheet/brochure/test certificate of the materials duly signed and stamped for which quotation is offered.
- (2) Vendor should have to provide the test certificate of each material along with the delivery duly signed and stamped.

