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

ENQUIRY

ENQUIRY NO : IPR/EQL/18-19/126
Date : 20-07-2018

Due on : 23-08-2018 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:

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	1.1kV, 1 Core, multi stranded 150 sq mm PVC copper cable	100.0 Mtrs.

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

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/tenderseng.html> for our future requirement.

1.1kV, 150Sq MM Copper cable Specification cum Data Sheet

SI No	Description	Required specification	Offered specification
1	Operating Voltage	1.1 kV	
2	Cross Section	150 SQ MM	
3	Conductor material and type	Copper & Stranded	
4	Insulation	PVC	
5	Sheath if any	PVC	
6	Current carrying capacity in Air	320A	
7	Max DC conductor Resistance at 20°C for CU	0.124Ω/km	
8	Max AC conductor Resistance at 70°C for CU	0.148Ω/km	
9	Approx. Reactance at 50Hz	0.085Ω/km	
10	Nominal thickness of Insulation	1.3mm	
11	Nominal thickness of Outer sheath	2.0mm	
12	Approximately overall diameter	22.5mm	
13	Short Circuit Current rating for 1S duration	17.3 Amp K. Amp	
14	Compliance to IS code	694	
15	Approximately net Weight of copper cable	1680Kg/km	
16	Acceptance/test criteria	routine test certificate to be produce	
17	Make if any available		

Note:

Please fill the specification of the offered material and send it along with the quotation.