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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/18-19/298
Date : 03-12-2018

Due on : 01-01-2019 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	30kV, 150A XLPE Coaxial High Voltage cable	600.0 Mtrs.

Note: Please fill data sheet as per the attached sheet
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.

Encl: As per attachment.

Sd/-

Mr. D. Ramesh
Purchase Officer-II

✓

30kV, 150A, XLPE Coaxial Cable

SI No	Description	Required specification	Offered specification
1	CONDUCTOR	Material: Annealed Bare Copper (ABC)	
		Nos of Strands: 1	
		Cross section Area: 35 Sq mm	
2	DIELECTRIC	LDPE (Low Density Polyethylene)	
		Dielectric Diameter (mm) : 23.10 ± 0.25 mm or must be suitable to working voltage up to 30kV	
		Test Voltage (V_{RMS}): 30kV	
3	BRIAD/SHIELD-1	Material: Annealed Bare Copper (ABC)	
		Wire Dia (mm) : 0.25mm preferable	
		Nos of Carriers: 24 preferable	
		Picks over CM: $1.2 \pm 10\%$ preferable	
		Nos of Ends: 16 preferable	
		Wrap: 30 x 12 MIC Polyester film preferable	
		Overlap: 20%	
4	JACKET	Jacket: PVC (PS-8) Black Colour	
		Dia Over Jacket in mm: ≤ 35 mm	
5	BRIAD/SHIELD-2	Material: Aluminium or suitable	
		Wire Dia (mm) : ≤ 0.8 mm	
		Nos of Carriers: ≤ 30	
		Nos of Ends: ≤ 12	

7	ELECTRICAL	Capacitance (PF/meter nominal): 96.7 ± 8	
		Characteristic Impedance (Ohm): 50 ± 2	
14	Compliance to IS code	IEC 61196	
165	Temperature range °C	Up to 80 °C	
16	Acceptance/test criteria	<p>Pre Dispatch Inspection requires in the presence of IPR representative should be carried out.</p> <p>The material should be sent only after Dispatch clearance from IPR.</p> <p>Test report also should be submitted along with the delivery.</p>	
17	Please provide Make, Type and model number of the quoted material.		