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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/18-19/285
Date : 26-11-2018

Due on : 20-12-2018 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	Air core Inductor of value 300uH. Other Specifications as per attached sheet.	1.0 Nos.
2	Air Core Inductor of value 200uH. Other specifications as per attached sheet.	1.0 Nos.

Note: 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

Specification of Inductors

Inductor - 1

<u>Parameter</u>	<u>IPR Requirement</u>	<u>Vendors Specifications</u>
Inductance (Ls)	300 H \pm 10%	
Tapping Required	1. At 50% 2. At 75%	
Continuous rated current	35A DC	
Working voltage	46 kV (Between terminal to ground and between the terminals)	
Peak fault current limit	< 1kA	
Insulation type	Epoxy cast	
Core Type	Air core	
Cooling	Air natural / Forced air	
Terminals position	All the terminal should be provided on the Top with suitable rated corona free balls	
Dimension Required	Less than 500mm(L) x 500mm(W) x 1000mm(H)	

Inductor - 2

<u>Parameter</u>	<u>IPR Requirement</u>	<u>Vendors Specifications</u>
Inductance (Ls)	200 μ H \pm 10%	
Tapping Required	1. At 50% 2. At 75%	
Continuous rated current	15A DC	
Working voltage	35kV (Between terminal to ground and between the terminals)	
Peak fault current limit	< 1kA	
Insulation type	Epoxy cast	
Core type	Air core	
Cooling	Air natural / Forced air	
Terminals position	All the terminal should be provided on the Top with suitable rated corona free balls	
Dimension Required	Less than 500mm(L) x 500mm(W) x 1000mm(H)	

Bidder's Sign with Official Stamp

Specification of Inductors

Inductor - 1	
<u>Parameter</u>	<u>Value</u>
Inductance (Ls)	300 H \pm 10%
Tapping Required	1. At 50% 2. At 75%
Continuous rated current	35A DC
Working voltage	46 kV DC (Between terminal to ground and between the terminals)
Peak fault current limit	< 1kA
Insulation type	Epoxy cast
Core Type	Air core
Cooling	Air natural / Forced air
Terminals position	All the terminal should be provided on the Top with suitable rated corona free balls
Dimension Required	Less than 500mm(L) x 500mm(W) x 1000mm(H)

Inductor - 2	
<u>Parameter</u>	<u>Value</u>
Inductance (Ls)	200 μ H \pm 10%
Tapping Required	1. At 50% 2. At 75%
Continuous rated current	15A DC
Working voltage	35kV DC (Between terminal to ground and between the terminals)
Peak fault current limit	< 1kA
Insulation type	Epoxy cast
Core type	Air core
Cooling	Air natural / Forced air
Terminals position	All the terminal should be provided on the Top with suitable rated corona free balls
Dimension Required	Less than 500mm(L) x 500mm(W) x 1000mm(H)

Note:

1. Pre-dispatch inspection will be carried out by the representatives of IPR, for ensuring all the parameters mentioned.
2. Test Certificate should be provided at the time of delivery.
3. Terminals of the inductor should be properly marked.