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CONDITION I ROCEDONE OF OF IN (NOW WORKS)

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Issued by : P A Documents : PPM

Issue No: 2

FORMAT NO.:CPRI/PUR/@TBID/GTP

Section	IV T	-Toc	hnical	Sna	cifics	tion

CENTRAL POWER RESEARCH INSTITUTE, BENGALURU/BHOPAL Web: www.cpri.in, www.tenderwizard.com/CPRI

Tender Enquiry No : CPRIBLR21HPL11M842

Description of the Equipment/Goods/Services: Clamps&Connectors as per drawings attached

Note: 1) The technical bid submitted in other than this format is liable to be rejected.

2) All blue fields are mandatorily to be filled in.

Name and address of the bidder

Quotation Number and Date

	Parameters	CPRI Technical Specification / Requirements	Qty	To be completed by the Bidder			
Sl.No.				Detials of guaranteed technical parameters offered by the bidder	Guaranteed Technical Particulars (GTP)	Deviations from GTP	
1	Place where equipment /service to be supplied /provided	High Power Laboratory, CPRI, Bangalore.					
2	Scope	Scope covers the Engineering, Manufacture, Testing, Supply including transportation and insurance, Loading, Unloading, Handling, Storage at High Power Laboratory, CPRI, Bengaluru.	90(Ninty)Nos.				
3	General	Clamps and Connectors 1.Inter Connector to suit 120mm OD Al. tube to 60mm OD Al. tube. 2.Tee Connector to suit 120mm OD Al. tube to 120mm OD Al. tube. 3.Tee Connector to suit 60mm OD Al. tube to 120mm OD Al. tube 4.Terminal Connector to suit 120mm OD Al. tube on Al. Terminal Pad 5.Through type Terminal Connector to suit 120mm OD Al. tube on Al. Terminal Pad 6.Terminal Connector to suit 120mm OD Al. tube on Al. Terminal Pad 7.Terminal Connector to suit 120mm OD Al. tube on Al. Terminal Pad 8.Terminal Connector to suit 60mm OD Al. tube on 30 Dia Copper Stud 9.Expansion type Connector on BPI to suit 110mm OD Al. tube. ((Detailed Drawings attached.)	Each 10(Ten) Nos. Total 90(Ninty)Nos.				
		supplier shall have supplied clamps and connectors to any high power laboratory in the past 15 years					

PROCUREMENT PROCEDURE OF CPRI (NON WORKS)

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Section IV T - Technical Specification

CENTRAL POWER RESEARCH INSTITUTE, BENGALURU/BHOPAL Web: www.cpri.in. www.tenderwizard.com/CPRI

			 To be completed by the Bidder			
Sl.No.	Parameters	CPRI Technical Specification / Requirements	Detials of guaranteed technical parameters offered by the bidder	Guaranteed Technical Particulars (GTP)	Deviations from GTP	
4	Service Condition	a) Altitude above Mean Sea Level: 920 m b) Maximum ambient temperature: 45°C c) Minimum ambient temperature: 10°C d) Average annual temperature: 24°C e) Average Humidity: 81% f) Special corrosion conditions: Nil g) Solar Radiation (DNI): 4.5-5.0 kWh/Sq. m/Day h) Atmospheric UV radiation: High i) Pollution level: Moderate j) Snow fall: Nil k) Seismic Zone: Zone-II l) Wind Speed: Average 5.6 km/h				
5	Reference Standards	1) IS: 5561 - 1970				
6	Technical Requirements					
a)	Max. insulation voltage	36kV				
b)	Short-circuit current	63kA for 1.0 Sec				
c)	Continuous Rating	1250 Amps				
d)	Max Temerature Rise	35 Deg C over 50 Deg C				
e)	Minimum Thickness of current carrying Parts	10 mm				
f)	Bolts, Nuts and Plain Washers	Shall be M.S. Hot Dip Galvanised As Per IS: 2629 and Tested as per IS:2633				
g)	Spring Washer	Shall be Electro Galvanised to suit Service condition - 3 of IS: 1573.				
h)	Bolt Tightning Torque	555 kg.cm				
i)	Manufacturing tolerences	Upto 50mm: ±5%, From 51 to 100mm: ±4%, From 101 to 300 mm: ±3%				
7	Gurantee	All the connectors shall be guranteed against defective material/faulty workmanship for a period of 24 months from the date of dispatch or 18 months from the date of commissioning which ever is earlier. The details of technical parameters in proof of CPRI requirements shall be furnished al				

PN: 1) Mere statement of "Complied" do not suffice the requirement. The details of technical parameters in proof of CPRI requirements shall be furnished along with technical write-up, catalogues, brouchers, literatures, phamplates, or any other documents shall be submitted in hard copy along with technical bid.

²⁾ Calibration reports/certificates, factory test reports/certificates from an accreditated agencies/facilites shall be submitted wherever applicable.

³⁾ CPRI reserves the right to conduct "predispatch inspection" prior to dispatch at the works of the supplier and the expenditure towards PDI shall be borne by CPRI. However information regarding the rediness of the equipment/machinary for the PDI shall be communicated in writing at lease 70 days in advance.