

**PROCUREMENT PROCEDURE OF CPRI (NON WORKS)**

Revision No. : 04  
 Dt of Revision : 27.08.2020  
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 Topic : Technical Specifications format

Issue No : 2  
 Issue Dt. : 30.06.2003  
 Issued by : P A  
 Documents : PPM

FORMAT NO.:CPRI/PUR/eTBID/GTP

**Section IV T -Technical Specification**

**CENTRAL POWER RESEARCH INSTITUTE, BENGALURU/BHOPAL Web: [www.cpri.in](http://www.cpri.in), [www.tenderwizard.com/CPRI](http://www.tenderwizard.com/CPRI)**

Tender Enquiry No : CPRIblr21HPL03C799-GT

Description of the Equipment/Goods/Services : Short Circuit Generator Master Circuit Breakers and Make Switches for augmentation of short circuit test facilities at High power laboratory, CPRI Bengaluru.

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	

Sl.No.	Parameters	CPRI Technical Specification / Requirements	Qty	To be completed by the Bidder		
				Details 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	The scope covers the design, engineering, manufacture, assembly, stage inspection, testing at manufacturer's works, routine and Type tests, design inputs for foundation, special mandatory tools, mandatory spares, packing and transportation, insurance, supply, loading, unloading, handling, storage, erection, installation, site testing, commissioning and personnel training of Short Circuit Generator Master Circuit Breakers (06 No.s) and Make Switches (06 No.s) complete with all fittings and sub-system for augmentation of short circuit test facilities at High power laboratory, CPRI Bengaluru.	Six (06) nos. of Master Circuit Breakers.  Six (06) nos. of Make Switches			

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Sl.No.	Parameters	CPRI Technical Specification / Requirements	Qty	To be completed by the Bidder		
				Details of guaranteed technical parameters offered by the bidder	Guaranteed Technical Particulars (GTP)	Deviations from GTP
Technical specification of Short Circuit Generator Master Circuit Breakers - Refer Annexure-I.			Six (06) nos. of Master Circuit Breakers and its complete system.			
1	Foreword	Refer Clause 1.0 of Annexure-I				
2	General	Refer Clause 2.0 of Annexure-I				
3	Scope	Refer Clause 3.0 of Annexure-I				
4	Climatic conditions	Refer Clause 4.0 of Annexure-I				
5	Reference standards	Refer Clause 5.0 of Annexure-I				
6	System particulars	Refer Clause 6.0 of Annexure-I				
7	Main Technical Data	Refer Clause 7.0 of Annexure-I				
8	General requirements	Refer Clause 8.0 of Annexure-I				
9	Special requirements	Refer Clause 9.0 of Annexure-I				
10	Required Design and features	Refer Clause 10.0 of Annexure-I				
11	Constructional requirements	Refer Clause 11.0 of Annexure-I				
12	Maintenance requirements	Refer Clause 12.0 of Annexure-I				
13	Inspection and Tests	Refer Clause 13.0 of Annexure-I				
14	Installation and Final acceptance	Refer Clause 14.0 of Annexure-I				
15	Spare parts and Maintenance	Refer Clause 15.0 of Annexure-I				
16	Warranty	Refer Clause 16.0 of Annexure-I				
17	Personnel Training	Refer Clause 17.0 of Annexure-I				
18	Documentation	Refer Clause 18.0 of Annexure-I				

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**Technical specification of Master Switches - Refer Annexure-II.**

1	Foreword	Refer Clause 1.0 of Annexure-II	Six (06) nos. of Make Switches and its complete system			
2	General	Refer Clause 2.0 of Annexure-II				
3	Scope	Refer Clause 3.0 of Annexure-II				
4	Climatic conditions	Refer Clause 4.0 of Annexure-II				
5	Reference standards	Refer Clause 5.0 of Annexure-II				
6	System particulars	Refer Clause 6.0 of Annexure-II				
7	General requirements	Refer Clause 7.0 of Annexure-II				
8	Main Technical Data	Refer Clause 8.0 of Annexure-II				
9	Required design and features	Refer Clause 9.0 of Annexure-II				
10	Inspection and tests	Refer Clause 10.0 of Annexure-II				
11	Spares and Maintenance	Refer Clause 11.0 of Annexure-II				
12	Warranty	Refer Clause 12.0 of Annexure-II				
13	Installation and final acceptance	Refer Clause 13.0 of Annexure-II				
14	Personnel Training	Refer Clause 14.0 of Annexure-II				
15	Documentation	Refer Clause 15.0 of Annexure-II				

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, brochures, 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 accredited agencies/facilities 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/machinery for the PDI shall be communicated in writing at lease 70 days in advance.