

PROCUREMENT PROCEDURE OF CPRI (NON WORKS)

Revision No. : 04
 Dt of Revision : 27.08.2020
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 Section : Formats
 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, www.tenderwizard.com/CPRI

Tender Enquiry No : CPRI/BLR21HPL01C766

Description of the Equipment/ Goods/ Services : ESTABLISHMENT OF 40,000A TEMPERATURE RISE TEST FACILITY AT HIGH POWER LABORATORY, CPRI, BENGALURU:

- 1) 500kVA, 11/0.433kV, 50Hz, Three phase transformer,
- 2) 250kVA, 11/0.433kV, 50Hz, Three phase transformer and
- 3) 250kVA, 0.4/3.3kV, 50/60Hz, Three phase inverter duty transformer.

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	This specification covers the design, engineering, manufacture, assembly, stage inspection, testing at manufacturer's works, Type and Special tests, design inputs for foundation, packing and transportation, insurance, supply, loading unloading, handling, storage, erection installation, site testing and commissioning of 1) 500kVA, 11/0.433kV, 50Hz, Three phase transformer (01 No.) - TR(11)1, 2) 250kVA, 11/0.433kV, 50Hz, Three phase transformer (01 No.) - TR(11)2 and 3) 250kVA, 0.4/3.3kV, 50/60Hz, Three phase inverter duty transformer (01 No.) - TR(3.3), complete with all fittings, and spares, for establishment of 40,000A Temperature Rise Test Facility at High Power Laboratory, CPRI-Bengaluru, India.	One number of each transformer rating (Total -03 Nos)			

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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 1) 500kVA, 11/0.433kV, 50Hz, Three phase transformer (01 No.) – TR(11)1 and 2) 250kVA, 11/0.433kV, 50Hz, Three phase transformer (01 No.) – TR(11)2 - Refer Annexure-I			One number of each transformer rating (Total -03 Nos)			
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	System Particulars	Refer Clause 5.0 of Annexure-I				
6	Standards	Refer Clause 6.0 of Annexure-I				
7	Main Technical Characteristics	Refer Clause 7.0 of Annexure-I				
8	Design Recommendations and Safety Measures	Refer Clause 8.0 of Annexure-I				
9	Tests to be Performed	Refer Clause 9.0 of Annexure-I				
10	Inspection and Quality Assurance	Refer Clause 10.0 of Annexure-I				
11	Technical Information to be Submitted with the Bid	Refer Clause 11.0 of Annexure-I				
12	Installation and Commissioning	Refer Clause 12.0 of Annexure-I				
13	Performance Guarantee	Refer Clause 13.0 of Annexure-I				
14	Spare Parts and Maintenance	Refer Clause 14.0 of Annexure-I				
15	Figure (Single line diagram of the test facility - Only for illustrative purpose)	Refer Annexure-I	One number of each transformer rating (Total -03 Nos)			
16	Appendix- 1	Refer Annexure-I				
Technical specification of						
1	Foreword	Refer Clause 1.0 of Annexure-II				
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	System Particulars	Refer Clause 5.0 of Annexure-II				
6	Standards	Refer Clause 6.0 of Annexure-II				
7	Main Technical Characteristics	Refer Clause 7.0 of Annexure-II				
8	Design Recommendations and Safety Measures	Refer Clause 8.0 of Annexure-II				
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13	Performance Guarantee	Refer Clause 13.0 of Annexure-II				
14	Spare Parts and Maintenance	Refer Clause 14.0 of Annexure-II				
15	Figure (Single line diagram of the test facility - Only for illustrative purpose)	Refer Annexure-II				
16	Appendix- 1	Refer 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, pamphlets, 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 least 70 days in advance.