

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

Revision No. : 03  
 Dt of Revision : 25.07.2017  
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 Section : Formats  
 Topic : e-Tender Technical Specification Document

Issue No : 2  
 Issue Dt. : 30.06.2003  
 Issued by : P A  
 Documents : PPM  
 FORMAT NO.:CPRI/PUR/eTBID/GTP

**Section II - Technical Specification**

CENTRAL POWER RESEARCH INSTITUTE, BANGALORE Web: www.cpri.in, www.tenderwizard.com/CPRI, Telefax: 080-2360 4446

Tender Enquiry No : CPRIBLR20HPL03C586

Description of the Equipment/Goods/Services : ESTABLISHMENT OF 40,000A TEMPERATURE RISE TEST FACILITY AT HIGH POWER LABORATORY, CPRI, BENGALURU: (2×3.3)/0.265kV, 40kA, 50/60Hz, THREE PHASE TEMPERATURE RISE TESTING TRANSFORMER

Note : 1) The Offers should be submitted only in this format otherwise the offer will be liable to be rejected.

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

3) Pre-despatch Inspection & Training expenses shall be borne by CPRI. Information regarding the readiness of the equipment/machinery for the Pre-despatch Inspection should be communicated in writing by the supplier at least 70 (Seventy) days in advance, to obtain clearance from the Ministry, Government of India for deputation of nominated CPRI officers.

Name of the Vendor

Quotation Number and Date

Sl.No.	Parameters	CPRI Specification / Requirements	Qty	To be completed by the Bidder	
				Guaranteed Technical Particulars (GTP)	Specify deviations/Remarks if any
1	Place where equipment /service to be supplied /provided	High Power Laboratory, CPRI, Bangalore.	1		
2	Scope	Scope covers the the design, engineering, design inputs for foundation, manufacture, assembly, stage inspection, testing at manufacturer's works, Type and Special tests, packing and transportation, insurance, supply, loading, unloading, handling, storage, erection installation, site testing and commissioning of (2×3.3)/0.265kV, 40kA at 0.265kV, 50/60Hz, Three phase, Temperature rise testing transformer, complete with all fittings, water cooling system, accessories and spares, for establishment of 40,000A Temperature Rise Test Facility at High Power Laboratory, CPRI-Bengaluru, India.	1		
3	Qualifying requirements for Bidder	Refer Annexure-I			

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Sl.No.	Parameters	CPRI Specification / Requirements	Qty	To be completed by the Bidder	
				Guaranteed Technical Particulars (GTP)	Specify deviations/Remarks if any
1	Technical specification of (2×3.3)/0.265kV, 40kA, 50/60Hz, Three Phase Temperature Rise Testing Transformer - Refer Annexure-II		1		
2	Foreword	Refer Clause 1.0 of Annexure-II			
3	General	Refer Clause 2.0 of Annexure-II			
4	Scope	Refer Clause 3.0 of Annexure-II			
5	Climatic Conditions	Refer Clause 4.0 of Annexure-II			
6	System Particulars	Refer Clause 5.0 of Annexure-II			
7	Standards	Refer Clause 6.0 of Annexure-II			
8	Basic Structure	Refer Clause 7.0 of Annexure-II			
9	Main Technical Characteristics	Refer Clause 8.0 of Annexure-II			
10	Design Recommendations and Safety Measures	Refer Clause 9.0 of Annexure-II			
11	Tests to be Performed	Refer Clause 10.0 of Annexure-II			
12	Inspection and Quality Assurance Plan	Refer Clause 11.0 of Annexure-II			

13	Technical Information to be Submitted with the Bid	Refer Clause 12.0 of Annexure-II			
14	Installation and Commissioning	Refer Clause 13.0 of Annexure-II			
15	Performance Guarantee	Refer Clause 14.0 of Annexure-II			
16	Spare Parts and Maintenance	Refer Clause 15.0 of Annexure-II			
17	Transportation	Refer Clause 16.0 of Annexure-II			
18	Warranty	Refer Clause 17.0 of Annexure-II			
19	Figures (Only for illustrative purpose and not for computational purpose)	Refer Annexure-II			
20	Annexures	Refer Annexure-II			
21	Overall Dimensions (L x W x H) in mm	4500x3500x4500 (Maximum)			

PN: 1) Bidder shall indicate complete details/information how the CPRI GTP are complied with against each and every specification parameters & mere statement of '**complied**' do not suffice the requirement.

2) A detailed technical/catalogue/literature/phamplet and any other technical details shall be submitted in hard copy in a sealed cover superscribing enquiry number and due date so as to reach the below mentioned address within due date and time.

3) The Indian representative of the foreign/overseas firms shall submit the Letter of Authorization issued by their principals.

4) The bidder shall submit the quotation / offer in the above prescribed format of Section IA, IB and II only. Informations any other forms shall be rejected.

**Address :** Joint Director (Purchase), Purchase Authority, Central Power Research Institute, Sadashiva Nagar P.O., P.Box.No.8066, Bengaluru-560080.

Tele: 080-22072271, email:purchase@cpri.in, web : www.cpri.in