

PROCUREMENT PROCEDURE OF CPRI (NON WORKS)

Revision No. : 04
 Dt of Revision : 27.08.2020
 Page No. : 1 of 2
 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/BLR21HPL02C772

Description of the Equipment/Goods/Services : ESTABLISHMENT OF 40,000A TEMPERATURE RISE TEST FACILITY AT HIGH POWER LABORATORY, CPRI, BENGALURU:
 1) 3.3 kV, 100kVAR at 60 Hz, 24.4 µF, Capacitor Bank (three phase) and
 2) 3.3 kV, 25kVAR at 60 Hz, 6.09 µF, Capacitor Bank (three phase) along with structures.

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 design, engineering, manufacturing, stage inspection, testing, mandatory spares, transportation, insurance, loading, unloading, installation and commissioning of 3.3 kV, 100kVAR at 60 Hz, 24.4 µF, Capacitor Bank 3.3 kV, 25kVAR at 60 Hz, 6.09 µF, Capacitor Bank along with structures for three phases, insulators, capacitors connections links, bus-bars supported by suitable insulators for parallel and delta connection for establishment of 40,000A Temperature Rise Test Facility at High Power Laboratory, CPRI-Bengaluru,	1) 3.3 kV, 100kVAR at 60 Hz, 24.4 µF, Capacitor Bank (three phase) along with structures, Total no. of capacitors - 171 2) 3.3 kV, 25kVAR at 60 Hz, 6.09 µF, Capacitor Bank (three phase) along with structures, Total no. of capacitors - 18			

PROCUREMENT PROCEDURE OF CPRI (NON WORKS)

Revision No. : 04
 Dt of Revision : 27.08.2020
 Page No. : 2 of 2
 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

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	Scope	Refer Clause 1.0 of Annexure-I	1) 3.3 kV, 100kVAR at 60 Hz, 24.4 µF, Capacitor Bank (three phase) along with structures, Total no. of capacitors - 171 2) 3.3 kV, 25kVAR at 60 Hz, 6.09 µF, Capacitor Bank (three phase) along with structures, Total no. of capacitors - 18			
2	General Information	Refer Clause 2.0 of Annexure-I				
3	Reference Standards	Refer Clause 3.0 of Annexure-I				
4	Equipment main Functional features	Refer Clause 4.0 of Annexure-I				
5	Technical Requirements	Refer Clause 5.0 of Annexure-I				
6	Design recommendations and Safety Measures	Refer Clause 6.0 of Annexure-I				
7	Tests to be Performed	Refer Clause 7.0 of Annexure-I				
8	Structural work	Refer Clause 8.0 of Annexure-I				
9	Inspection During Manufacturing	Refer Clause 9.0 of Annexure-I				
10	Installation and Commissioning	Refer Clause 10.0 of Annexure-I				
11	Spare Parts	Refer Clause 11.0 of Annexure-I				
12	Technical Information to be Supplied by the Bidder	Refer Clause 12.0 of Annexure-I				

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/facilites shall be submitted wherever applicable.
 3) CPRI reserves the right to conduct "predispach 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.