

PROCUREMENT PROCEDURE OF CPRI (NON WORKS)

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 Section : Formats  
 Topic : Technical Specifications format

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 FORMAT NO.:CPRI/PUR/L - TBID/GTP

Section IV T -Technical Specification  
 CENTRAL POWER RESEARCH INSTITUTE, BENGALURU

Tender Enquiry No: CPRI/BLR/21SCL01M763

Description of the Equipment/Good/Services: T-Type Thermocouples suitable to Digital Data Logger

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

2) All fields are mandatorily to be filled in.

Name and address of the bidder					
Quotation Number and Date					
Sl.No.	Technical Specifications/Parameters	Qty	To be completed by the Bidder		
			Details of guaranteed technical parameters offered by the bidder	Guaranteed Technical Particulars (GTP)	Deviations from GTP
1	The T-Type Thermocouples shall be used for monitoring temperature at various locations of test equipment during temperature rise test. It need to capture the temperature data at regular interval as specified by the recording Equipment.	90 nos.			
2	<b>Technical Specifications/Parameters</b> Type : Copper (+ve) / Constantan (-ve) Length : 10 meters Insulation : Teflon Accuracy : ± 1°C Class - A Maximum Temperature : 200°C Insulation type : Teflon (PTFE) Double Wire gauge : 36 SWG Number of strands : 7 Response Time in Liquid : 2 sec Response Time in air : 0.15 sec Colour code : + white – Blue Outer Cable : Blue				
3	<b>Numbering &amp; Identification</b> : All thermo couples are to be identified with numbering in sequence with proper heat shrinkable ferrule at both ends.				
4	<b>Finishing</b> : Bracing at the one end of the each Thermocouple & Other end suitably fitted with proper end clips to get connected with Datalogger positive & negative terminals				
5	<b>Calibration</b> :To be supplied with International traceable calibration certificate.The calibration certificate from the accredited laboratory as per ISO/IEC 17025. One thermocouple out of the batch has to be calibrated. Calibration date shall be after the date of purchase order received.				
6	<b>Guarantee</b> : The thermocouples supplied shall be guaranteed for satisfactory operation and manufacturing defect for one year from date of receiving at purchaser end.				

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 "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.