

PROCUREMENT PROCEDURE OF CPRI (NON WORKS)

Revision : 04
 Dt of Rev: 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 : FPM

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

Section IV T - Technical Specification

CENTRAL POWER RESEARCH INSTITUTE, BENGALURU

Tender Enquiry No : CPRI/BLR21SCL13M747

Description of the Equipment/Goods/Services : Digital Data logger with 60 channels.

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 instrument shall be used for monitoring and recording temperature of Test equipment during temperature rise test. It need to capture, record & store the temperature data at regular interval.	1 unit.			
2	Scope The scope of this specification includes supply, installation at short circuit Lab, CPRI, Bangalore. Half day training about the product usage, features and adopting software				
3	Service Condition : The instrument shall be suitable for operation under following conditions Ambient Temperature:Minimum 5 deg.C; Maximum 50 deg C, (OR) Even better Atmospheric condition :Normal Relative Humidity(non-condensing):Max. 95%				
4	Technical Specification A. Type: Indoor B. Number of input channel:60 channels or more, expandible upto 120 channels				

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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
	C. Type of input and measurement range:Voltage : 100 mV to 100 V; Temperature : -200 deg. C to 1200 deg. C , suitable to use thermocouples with K,T,S, J, PT100 ; Resistance : 0 to 200 ohm.				
	D.Isolation between channels: 250 V DC between each or better				
	E.Temperature Accuracy: 1.0 deg.C OR better				
	F.Recording interval: shall be able to set from 100 ms to 1 hour for each channel				
	G.Data storage: Memory of 20MB or more to be provided.Transferring data by USB shall be possible.				
	H.Display: TFT Liquid Crystal Display size 5.7" or more ; resolution : 16 bit or better				
	I.Other Functions: Displaying trend waveform of temperature data and mathematical function mx+b (OR) scaling during calibration.				
	J.Interface & software: Provision for data interface with software to record,monitor and transfer data to PC/Laptop				
	K.Input supply: 230V +/- 3% ; 50 HZ & Battery operated				
	L.User Manual / operating manual; To be provided				
	M.Calibration: To be supplied with international traceable calibration certificate.The calibration certificate from the accredited laboratory as per ISO/IEC 17025. Calibration results shall be within the specified accuracy limits. The calibration shall cover the ranges mentioned. Factory test certificate and calibration certificate shall be in the name of CPRI, Bangalore and calibration date shall be after the date of purchase order received.				
	N. Warranty: Two Years				

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.