

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

<b>Revision No.</b>	<b>: 04</b>	<b>Issue No</b>	<b>: 2</b>
<b>Dt of Revision</b>	<b>: 27.08.2020</b>	<b>Issue Dt.</b>	<b>: 30.06.2003</b>
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<b>Section</b>	<b>: Formats</b>	<b>Documents</b>	<b>: PPM</b>
<b>Topic</b>	<b>: Technical Specifications format</b>	<b>FORMAT NO.:CPRI/PUR/L - TBID/GTP</b>	

**Section IV T -Technical Specification**

**CENTRAL POWER RESEARCH INSTITUTE, BENGALURU**

**Tender Enquiry No : CPRI BLR22HVD10M998**

**Description of the Equipment/Goods/Services : Supply of 50 Hz Dual input Thermometer**

**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
<b>1</b>	<b>Supply of 50 Hz Dual input Thermometer</b>	<b>01 (One) No.</b>			
<b>Temperature Accuracy</b>	J, K, T, E, and N-type sensor: $\pm[0.05\% + 0.3^{\circ}\text{C}]$ (Above $-100^{\circ}\text{C}$ )				
<b>Display resolution</b>	0.1 $^{\circ}\text{C}$ , 0.1 K < 1000 1 $^{\circ}\text{C}$ , 1 K $\geq$ 1000				
<b>Temperature display units</b>	$^{\circ}\text{C}$ , $^{\circ}\text{F}$				
<b>Batteries</b>	3 AA batteries; typical 1000-hour life				
<b>Data logging</b>	Capability to store minimum of 500 points or more with user adjustable recording interval. Recall function to review the stored data.				
<b>No. of Inputs</b>	Dual Input				
<b>Display parameters</b>	T1, T2, T1-T2, MIN, MAX, or AVG				
<b>Compatibility</b>	J, K, T, E, R, S, and N-type thermocouples				
<b>Overvoltage Category</b>	CSA C22.2 No. 1010.1 1992; EN 61010 Amendments 1,2				
<b>Compliance</b>	CE, CSA				
<b>Operating Temperatures</b>	$-10^{\circ}\text{C}$ to $50^{\circ}\text{C}$				
<b>Storage Temperatures</b>	$-40^{\circ}\text{C}$ to $60^{\circ}\text{C}$				
<b>Temperature Measurement Range</b>	J-Type : $-210^{\circ}\text{C}$ to $1200^{\circ}\text{C}$				
	K-Type : $-200^{\circ}\text{C}$ to $1372^{\circ}\text{C}$				
	T-Type : $-250^{\circ}\text{C}$ to $400^{\circ}\text{C}$				
	E-Type : $-150^{\circ}\text{C}$ to $1000^{\circ}\text{C}$				
	N-Type : $-200^{\circ}\text{C}$ to $1300^{\circ}\text{C}$				
<b>Weight</b>	R and S-Type : $0^{\circ}\text{C}$ to $1767^{\circ}\text{C}$ < 500 g				
<b>Warranty</b>	3 Years				
<b>Connectivity</b>	Infrared USB communication port				

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.