

CSIR- Central Scientific Instruments Organisation

08.02.2024

PR No. iSenS/OLP291/2024/2B-001

Subject: Requirement of 1-unit, Portable black body temperature reference.

Specification of instrument:

S.No.	Specifications	Range
1.	Temperature Range	$\geq 50^{\circ}\text{C}$
2.	Temperature Resolution	$\leq 0.01^{\circ}\text{C}$
3.	Stability	$\pm 0.05^{\circ}\text{C}$
4.	Accuracy	$\pm 0.1^{\circ}\text{C}$
5.	Method of Control	Digital self-tuned PID controller
6.	Emmissivity	0.98
7.	Time to reach max. temperature	10 to 20min
8.	Operating Temperature	20 to 40°C
9.	Power Requirement	230VAC,100W
10.	Dimension of cabinet	$\leq 120(\text{H})\times 120(\text{W})\times 140(\text{D})$
11.	Aperture	$\geq 60\times 60\text{mm}$
12.	Weight	$\leq 3\text{Kg}$
13.	Mount type	Tripod Mount
14.	Type	Portable
15.	Warranty	≥ 1 year

The budgetary quotation by the interested firms can be submitted through e-mail to the undersigned (neerajguleria@csio.res.in) on or before 12.02.2024, 5 PM.

Other terms & conditions:

1. Delivery: CSIR-CSIO Chandigarh sector 30C
2. Payment within 30 days after delivery.
3. Delivery Time: Within 15 days of order place.

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CoE-iSenS

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