

# CSIR – Central Scientific Instruments Organisation

19/02/2024

CSIO-CSIO/ $\mu$ -NoC/ 2023-24/ 2B/12

Sub: Requirement for Industrial Laboratory Refrigerator

There is a requirement for the following items for R&D activity under the project MLP-0031 at CSIR-CSIO: **Industrial Laboratory Refrigerator**

S.No.	Specifications	Details
1.	Number of Doors	2
2.	Position of Door	Front Opening
3.	Door Type	Hinged
4.	Air Tight Door	Yes
5.	No. of shelves	3 or more
6.	Wheels	No
7.	Visibility of Items Stored	No
8.	Type of Insulation	PUF
9.	Method of Defrosting	Frost Free
10.	Type of Cooling	Frost free
11.	Material of Chamber Interior	ABS
12.	Material of Chamber Exterior	Prepainted Sheet
13.	Door Material	PUF insulated Door
14.	Cooling Coil Material	Copper
15.	Storage Volume (Net Capacity Litres)	300 or more
16.	Overall Depth(mm)	600 or more
17.	Overall width (mm)	600 or more
18.	Overall height (mm)	900 or more
19.	Compressor	AC compressor
20.	Holdover time (minute)	45
21.	Insulation Thickness	60
22.	Set temperature range (delta)	20
23.	Minimum Achievable Temperature	-10 degree C
24.	Voltage	Single Phase 230V
25.	Power Consumption (kw/day)	2.5
26.	Power Rating	2 Star or more

The Budgetary Quotation by the Interested firms can be submitted through e-mail to the undersigned (np@csio.res.in) on or before 25.02.2024, 5 PM.

Other Terms & Conditions:

1. Delivery: F.O.R. CSIO Chandigarh
2. Payment Terms: Within 30 days after delivery

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