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Army Institute of Technology
Dighi Hills
Pune - 411015

AIT/0810/298 /2023-24/CQ/Proj

Date 07 Dec 2023

Due date 29 Dec 2023

CALL FOR QUOTATION : PROCUREMENT OF CRITICAL HEAT FLUX SETUP IN MECHANICAL ENGG DEPT

1. This Institute is interested in procurement of Critical Heat Flux Setup as per the following specifications:-

Sr No	Description of Equipment with specifications	Qty	Rate	Amount
1	<p>Critical heat flux measurement</p> <p><u>Range of experiments to be carried out :</u></p> <ol style="list-style-type: none">To determine the critical heat flux at different bath temperaturesTo plot the graph of Critical Heat Flux with respective Bath Temperature. <p><u>EXPERIMENTAL SETUP :</u></p> <ol style="list-style-type: none">Heater Assembly.Glass Trough.Stand for glass trough.Magnifying glass.Set of thermocouples. 1. <p><u>INSTRUMENTATION:</u></p> <ol style="list-style-type: none">Temperature Transmitter : 1no Thermocouples : Types J, K, R, S, T, N, B and E according to IEC 60584 Pt100 : 2 or 3-wire connection (for 2- wire sensors, tie terminals 2 or 3 together). Voltage 0 ~ 50 mV DC. Output : 0~10V dc, linear with respect to the measured temperature. Power Supply : 18 to 30 Vdc, across the transmitter.Power Transmitter : 1 no Input (Single or dual): Voltage(AC/DC) /Current(AC/DC) /Power(KWW) <p>•Transmission O/P (Dual/Single): Linear current (4 20 mA) or voltage (0- 10VDC) • Power supply: 230VAC or 110VAC , 50 Hz</p>	01		
			Total	

2. Please send your lowest quotation in sealed cover addressed to Director AIT so as to reach this institute on or before 29 Dec 2023. Late quotations shall not be considered.

3. Envelope should be subscribed as 'PROCUREMENT OF CRITICAL HEAT FLUX SETUP'.

4. Terms and Conditions.

(a) The price quoted should be inclusive of all taxes and delivery at Army Institute of Technology, Dighi, Pune-411015.

(b) Discount offered if any, should be indicated as percentage of rates quoted, separately.

(c) Supply should be done within two weeks of the date of Supply Order.


(d) Quotations will be opened by a board of officers detailed by AIT.

(e) Payments for supplies will be made direct to the supplier by crossed cheque only after receipt of the stores in good condition and on verification by a board of officers.

(f) Printed conditions of the tenders/quotations shall not be binding on us.

(g) The acceptance of quotation will rest with the Director, Army Institute of Technology, Dighi, Pune – 411 015, who does not bind himself to accept the lowest quotation and reserves the right himself to reject or partially accept any or all quotations received without assigning any reason.

(h) Quotations are liable to be rejected if any of the above conditions are not complied with.


(MK Prasad)
Col
Jt Director
for Director