

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

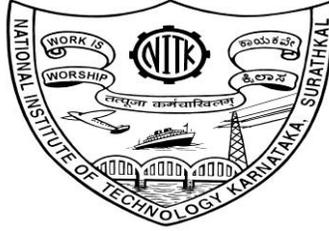
DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING
POST SRINIVASNAGAR, MANGALORE – 575 025 (D K)

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NOTICE INVITING QUOTATION

Notification. No: Met-Mat/SEL/MS/OH35/IRG/823/2023-24/04

dated: 25/10/2023

Name of Goods	IKA Magnetic Stirrer
Estimated Amount:	Rs. 1,40,000/- with GST
Time for Supply of item after release of Purchase order	15 days
Document Download / Sale Start Date	26/10/2023, 06:00 PM
Clarification Start Date	26/10/2023, 06:00 PM
Clarification End Date	06/11/2023, 03:00 PM
Bid Submission Start Date	26/10/2023, 06:00PM
Last Date for submission of bids	16/11/2023, before 3.00 PM
Bid Opening Date	16/11/2023, 03:30 PM
Address for Submission of bids	Dr. Selvakumar Murugesan Department of Metallurgical and Materials Engineering Phone- +919019227490 murugesan_selva@nitk.edu.in



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NOTICE INVITING QUOTATION (NIQ)

The National Institute of Technology Karnataka, Surathkal (in short – NITK, Surathkal) is an Institute Of National Importance Under Ministry of Education Govt of India, imparting Technical Education and engaged in Research Activities. It is proposed to procure the items for the departmental academic/research activities.

Sealed Quotations as per the Price Schedule given in this NIQ are invited for the following items subject to the terms and conditions, from the reputed manufacturers or its authorised dealers so as to reach on or before scheduled date and time. The quotations in the firm's Business letter head should be address to the "Director, NITK, Surathkal". The envelope shall be superscribed with the Quotation Notification Number and the Name of the Goods for which quotation is submitted.

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Sd/-
HOD

Note: Institute shall not be responsible for any postal delay about non-receipt /non-delivery of the bids or due to wrong addressee.

SECTION-1
Terms and Conditions

1. The rates should be quoted for preferably FOR destination from supply within India.
2. The bidder shall indicate the excise duty exemption for the goods if applicable.
3. The rate quoted should be on unit basis. Taxes and other charges should be quoted separately, considering exemptions if any. The rate should be quoted in INR only
4. Rate quoted should be inclusive of Testing, commissioning and Installation of equipment and Training.
5. Payment: No advance payment will be made. Payment will be made only after the supply of the item in good and satisfactory condition and receipt of performance security by supplier.
6. Guarantee/Warranty period should be specified for the complete period should be specified in section 3 of this tender document.
7. Period requirement for the supply and installation of item should be specified in section 3 of this tender document.
8. In case of dispute, the matter will be subject to Mangalore Jurisdiction only.
9. **Liquidated Damages**: Timely delivery is the essence of the contract and hence if the Supplier fails to deliver Goods within the original/extended delivery period(s) specified in the contract, the Institute will be entitled to deduct/recover the Liquidated Damages for the delay, unless covered under Force Majeure conditions aforesaid, **@ 1% per week or part of the week of the delayed period** as pre-estimated damages not exceeding 5% of the contract value without any controversy/dispute of any sort whatsoever.

SECTION-2
SCHEDULE OF REQUIREMENTS, SPECIFICATIONS AND ALLIED DETAILS
[To be filled up by the Department / Centre of NITK, Surathkal]

Item(s) Name to be Procured	: IKA Magnetic Stirrer
Brief Specifications of the Item(s) (Attach Additional Sheet if necessary)	: Attached (As per Annexure 'A')
Quantity	: 02 Nos.
Any other details / requirement	: Nil
Warranty Period required	: 2 Years
Delivery Schedule expected after placement of Purchase order (in Weeks)	: 2 weeks

SECTION 3
PRICE SCHEDULE

[To be used by the bidder for submission of the quotation]

-
1. Item Name :
 2. Specifications
(Conforming to Schedule of requirements
Enclose additional sheets if necessary) :
 3. Currency and Unit Price :
 4. Quantity :
 5. Item Cost (Sl No. 3 * Sl. No. 4) :
 6. Taxes and Other Charges :
(i) Specify the type of taxes and duties
in percentages and also in figures.
(ii) Specify Other Charges in figures.
 7. **Warranty Period** :
(Conforming to the Schedule of requirements)
 8. Delivery Schedule :
(Conforming to the Schedule of requirements)
 9. Name and address of the Firm for
placing purchase order :
 10. Name and address of Indian authorized
agent (in case of imports only) :

Signature of the Bidder: _____

Name and Designation: _____

Business Address : _____

Place:

Date:

Seal of the Bidder's Firm

SECTION 4
CONTRACT FORM

[To be provided by the bidder in the business letter head]

1. (Name of the Supplier's Firm) hereby abide by the delivery schedule mentioned in this document for supply of the items if the purchase order is awarded.
2. The item will be supplied conforming to the specifications stated in this document without any defect and deviations.
3. Warranty will be given for the period mentioned in this document and service will be rendered to the satisfaction of NITK, Surathkal during this period.

Signature of the Bidder: _____

Name : _____

Business Address : _____

Place :

Date :

Seal of the Bidder's Firm

Annexure A
Specifications for IKA Magnetic Stirrer

Number of stirring positions	1
Stirring quantity max volume	15-20 liter
Motor rating output	9 W
Direction of rotation	right
Speed display set-value	LED
Speed display actual value	LED
Speed adjustment	Turning knob
Speed range	50 - 2500 rpm
Setting accuracy speed	10 rpm
Stirring bar length	20 - 80 mm
Self-heating of the set-up plate by max. stirring (RT:22°C/duration:1h)	+13 K
Heat output	600 W
Temperature display set-value	LED
Temperature displays actual-value	LED
Temperature unit	°C
Heating temperature range	Room temp – to 310 °C
Heat control	Turning knob
Temperature setting range	0 - 310 °C
Temperature setting resolution of heating plate	1 K
Heating rate medium	6.5 K/min
Temperature setting resolution of medium	1 K
Adjustable safety circuit	50 - 360 °C
Set-up plate material	Stainless Steel
Set-up plate dimensions	Dia 135 mm
Sensor in medium detection (Error 5)	yes
Temperature measure range PT1000	-20 - 310 °C
Speed deviation (no load, nominal voltage, at 1500rpm + 25 °C)	±2 %
Heating rate (1l H ₂ O in H1500)	6.5 K/min
Heat control accuracy of heating plate (at 100°C)	±5 K
Dimensions (W x H x D)	160 x 85 x 270 mm
Protection class according to DIN EN 60529	IP 42
RS 232 interface	yes
USB interface	yes
Voltage	220 - 230 V
Frequency	50/60 Hz
Power input	650 W
Power input standby	1.6 W