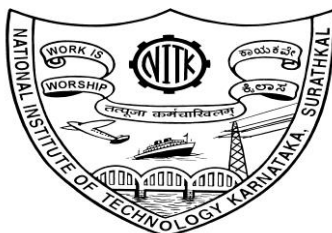


# NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

DEPARTMENT OF CHEMICAL ENGINEERING  
 POST SRINIVASNAGAR, MANGALORE – 575 025 (D K)  
 Phone: (0824) 2474000. Fax: (0824) 2474033  
 E- mail: [info@nitk.ac.in](mailto:info@nitk.ac.in) Website: <http://www.nitk.ac.in>

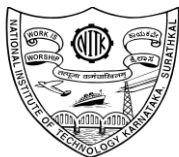


## NOTICE INVITING QUOTATION

Notification. No : NITK/CH/OH-35/IRG/On-spot water analyser /23-24/654

Date: 14-08-2023

<b>Name of Goods</b>	On spot water analyzer
<b>Estimated Amount:</b>	Rs 1,30,000
<b>Time for Supply of item after release of Purchase order</b>	15 (Days)
<b>Document Download / Sale Start Date</b>	17-08-2023
<b>Clarification Start Date</b>	17-08-2023
<b>Clarification End Date</b>	21-08-2023
<b>Bid Submission Start Date</b>	17-08-2023
<b>Last Date for submission of bids</b>	30-08-2023 before 3.00 PM
<b>Bid Opening Date</b>	31-08-2023 before 3.30 PM
<b>Address for Submission of bids</b>	Dr Raj Mohan Professor Department of Chemical Engineering NITK Surathkal POST SRINIVASNAGAR, MANGALORE – 575 025 (D K)



**NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL**

DEPARTMENT OF CHEMICAL ENGINEERING

POST SRINIVASNAGAR, MANGALORE – 575 025

Phone: (0824) 2474000

Fax: (0824) 2474033

E- mail: info@nitk.ac.in

Website: http://www.nitk.ac.in

Notification. No : **NITK/CH/OH-35/IRG/On-spot water analyser /23-24/654**

**Date: 14-08-2023**

**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.

<b>Name of Goods</b>	On spot water analyzer
<b>Estimated Amount:</b>	Rs 1,30,000
<b>Time for Supply of item after release of Purchase order</b>	15 (Days)
<b>Document Download / Sale Start Date</b>	17-08-2023
<b>Clarification Start Date</b>	17-08-2023
<b>Clarification End Date</b>	21-08-2023
<b>Bid Submission Start Date</b>	17-08-2023
<b>Last Date for submission of bids</b>	30-08-2023 <b>before 3.00 PM</b>
<b>Bid Opening Date</b>	31-08-2023 <b>before 3.30 PM</b>

**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.

**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 : On spot water analyzer

Brief Specifications of the Item(s)  
(Attach Additional Sheet if necessary) : attached

Quantity : 1

Any other details / requirement : Not applicale

Warranty Period required : 1 year

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**

## Specifications

Type of Meter/ Analyzer	Hand Held
Function	Multi Parameter Water Quality Analyzer
Calibration	Automatic
Dissolved Oxygen (DO)	Yes ( Range 0-50 mg/l)Accuracy +/- 1.5%
DO %	Yes(Range 0-200) Accuracy +/- 1.5%
Conductivity	Yes (Range 0-200000 $\mu$ S/cm) Accuracy +/- 1%
salt	
Resistivity	Yes ( highest range 100)
Sea water SG ( salinity)	Yes Range 0-80) Accuracy +/- 2%
Total Dissolved solids (TDS)	Yes (0-400 or more ) Accuracy +/-11%
pH	Yes (0-14) accuracy +/- 0.02%
Oxidation Reduction Potential (ORP)	Yes
Fluoride ions	Yes/No
Calcium ions	Yes/No
Potassium ions	Yes/No
Ammonium	Yes/No
Nitrate ions	Yes/No
Chloride ions	Yes/No
Turbidity	Yes/No
Depth	Yes/No
Temperature	Yes -5 <sup>0</sup> C to 55
chlorophyll	Yes/No
Atmospheric pressure	Yes 450 -850 ) Accuracy +/- 1%
Global Positioning system (GPS)	Yes/No
Local Area Network ( LAN)	Yes/No
Display/ storage	1 month data Storage
Power Source	Alkaline Batteries rechargeable/ Non-rechargeable (230+/- 10 volts/50AC) size AA Number of batteries: 4 Voltage of each battery: 1.5 v Suitable adapter for Ac connection: yes
Sensors	1. Standard sensor Module 2. Standard & Ion sensor Module 3. Standard & Chlorophyll sensor Module
Carry case	yes
Warranty on equipment	1 year
Warranty on probe	6 month to 1 year ( it should be available in market)
Warranty on cables/connecting probes	1 to 2 year ( it should be available in market)

**Sd/-**  
**(BUYER)**  
**(Signature)**

**Sd/-**  
**HOD/Chairman**  
**( Dept. of Chemical Engineering)**