

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

ADMINISTRATION DEPARTMENT

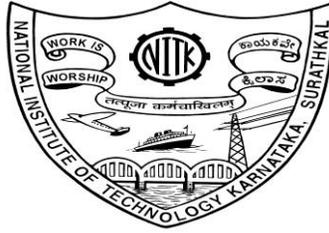
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NOTICE INVITING QUOTATION

Notification. No: 03/NITK/Sec-Off/Water-Purifier/S&R/B4/2022-23

dated: 21-07-2022

Name of Goods	Water dispenser cum purifier
Estimated Amount:	₹ 1,40,000/-
Time for Supply of item after release of Purchase order	21 days
Document Download / Sale Start Date	22-07-2022 at 03:30 PM
Clarification Start Date	NA
Clarification End Date	NA
Bid Submission Start Date	25-07-2022 at 03:30 PM
Last Date for submission of bids	05-08-2022 before 3.00 PM
Bid Opening Date	05-08-2022 at 03:30 PM
Address for Submission of bids	Superintendent (Purchase) NITK Surathkal Post Srinivasnagar - 575025, Mangalore



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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 the 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 their authorized dealers so as to reach on or before the scheduled date and time. The quotations in the firm's Business letterhead should be addressed to the "Director, NITK, Surathkal". The envelope shall be superscribed with the Quotation Notification Number and the Name of the Goods for which the quotation is submitted.

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Sd/-
REGISTRAR

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. **The bidder must have Service Centre within 50 Kilometers. A documentary proof should be attached.**

SECTION-2

SCHEDULE OF REQUIREMENTS, SPECIFICATIONS AND ALLIED DETAILS FOR NEW PROCUREMENT

[To be filled up by the Department / Centre of NITK, Surathkal]

Item(s) Name to be Procured	: Water Dispenser cum purifier
Brief Specifications of the Item(s)	: Attached
Quantity	: 02 Nos
Any other details / requirement	:-
Warranty Period required	: 01 Year
Delivery Schedule expected after placement of Purchase order (in Weeks)	: 3 weeks

Sd/-
REGISTRAR

**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

Specification of Water Cooler

Parameter	Specification	Requirement
Standard Parameter	Certification for the product	NA
	Conformity to Standard for Ultraviolet system	NA if UV not provided
Performance Parameter	Type of water purification technology	RO +UV
	Power consumptions of system (with $\pm 5\%$ tolerance) (in watt)	1550
	Maximum Input Water TDS allows to the system	2000
	Operation mode	Fully automatic with auto cut off
	Ultraviolet (UV) LAMP	Yes Or higher
	Provision of Arsenic removal	Yes Or higher
	Provision of Fluoride removal	Yes Or higher
	Provision of Chloride removal	Yes Or higher
	Alkaline filter	Yes, No Or higher
	Material of water Storage Tank	Stainless Steel SS 304
	Storage tank capacity up to float valve level (in liter)	80
	RO Membrane rating	100 GPD
	RO Membrane flushing	NA
	Particulate Filter size	20 inch
	Particulate Filter Porosity	10 micron
	Activated Carbon filter Size	20 Inch
	Antiscalant- where silica is up to 10 ppm/where Mica is up to 100 ppm	Yes Or higher
	Nano Silver leaching filtration	Yes Or higher
	Minimum inlet pressure	0.3 KG/CM2
	Digital display	Yes, No Or higher
	Real time TDS display	Yes, No Or higher
	Real time pH Display	Yes, No Or higher
	High pressure pump	Yes Or higher
	Raw water/Chemical Raw water/Chemical Cleaning pump	Yes Or higher
	Recovery percentage at 27 degree centigrade	30-40
	Filtration water capacity in liter/ hour	150
TDS removal percentage from RO Membrane	90%	

	Pressure vessel Sand Filter	Yes, No Or higher
	Pressure vessel Carbon Filter	Yes, No Or higher
	Pressure Vessel Dual Media Filter	Yes, No Or higher
	Body of filter	ABS Food grade
	Membrane Housing	Yes Or higher
	Number of candles	2
Cooler Parameters	Type of compressor	Reciprocating
	Refrigerant Used	HFC-R-134/A
	Refrigeration temperature	15 to 17
	Provision for Hot water	Yes Or higher
	Number of Cold Water Faucets	1
	Number of Normal Water Faucets	1
	Number of Hot Water Faucets	1
	Cooling capacity at comfort level (17 \pm 1 degree celsius) (in liter per hour)	40
	Installation Type	Floor Mounted
	Power supply	SINGLE PHASE (230 \pm 10 % VOLT, %0 Hz)
	Warranty in years including electronic ,electric parts, replacement of filters twice a year)	1
	Warranty period without Filter , electronic and electrical parts	1
	Warranty period without Filter & inclusive of electronic and electrical parts	1
Additional Parameters	Availability of type test Test REPORT for Filtering Size of Particles	Yes Or higher
	Availability of Test Report on Microbial Efficacy from Govt/NABL/ilac Lab	Yes Or higher
	Avaialbility of type test certificate from NABL/ILAC Lab design evaluation report as per IS 14724	Yes Or higher
	Availability of toll free centres for customer support	Yes Or higher
	Installation and Commissioning inclusive in the scope of Supply*	Yes Or higher

	Availability of NABL Accredited Laboratory Facility with OEM	Yes Or higher
	Inlet Pipe & Fitting from raw water sources to water purification system	suitable pipe and fitting to be provided by seller up to 20 feet
	Pipe & Fitting from Out let to purified water tank	To be arranged by buyer /consignee
	Electrical fitting and plug points	To be arranged by buyer /consignee
	ISI marked Electronic and electrical parts provided	Yes Or higher
	Scope Civil Work if any required during installation	All Civil work shall be responsibility of buyer