

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

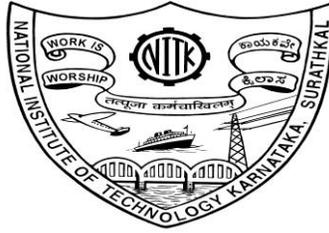
DEPARTMENT OF CENTRE FOR SYSTEM DESIGN
POST SRINIVASNAGAR, MANGALORE – 575 025 (D K)

Phone: (0824) 2474000.

Fax: (0824) 2474033

E- mail: info@nitk.ac.in

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



NOTICE INVITING QUOTATION

Notification. No: NITK/CSD/SEARCH/RCMAR/PU-04

dated: 22-01-2024

Name of Goods	REMOTELY CONTROLLED & MONITORED ANTENNA ROTOR
Estimated Amount:	Rs. 2,41,000.00 (Including GST)
Time for Supply of item after release of Purchase order	7 Days
Document Download / Sale Start Date	23-01-2024, 5.30 PM
Clarification Start Date	23-01-2024, 5.30 PM
Clarification End Date	06-02-2024, 3.00 PM
Bid Submission Start Date	23-01-2024, 5.30 PM
Last Date for submission of bids	06-02-2024 before 3.00 PM
Bid Opening Date	07-02-2024 @ 03.30 PM
Address for Submission of bids	Dr.Pruthviraj U Associate Professor, Dept. WR&OF, Professor In charge (Transdisciplinary R & D) Centre for System Design NITK Surathkal-575025 (M): 9972797225, pruthviu@nitk.edu.in



NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL
DEPARTMENT OF CENTRE FOR SYSTEM DESIGN

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/CSD/SEARCH/RCMAR/PU-04

Date: 22-01-2024

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.

Name of Goods	REMOTELY CONTROLLED & MONITORED ANTENNA ROTOR
Estimated Amount:	Rs. 2,41,000.00 (Including GST)
Time for Supply of item after release of Purchase order	7 Days
Document Download / Sale Start Date	23-01-2024, 5.30 PM
Clarification Start Date	23-01-2024, 5.30 PM
Clarification End Date	06-02-2024, 3.00 PM
Bid Submission Start Date	23-01-2024, 5.30 PM
Last Date for submission of bids	06-02-2024 before 3.00 PM
Bid Opening Date	07-02-2024 @ 03.30 PM

**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	: REMOTELY CONTROLLED & MONITORED ANTENNA ROTOR
Brief Specifications of the Item(s) (Attach Additional Sheet if necessary)	: Attached
Quantity	:1 Kit
Any other details / requirement	: Nil
Warranty Period required	:1 Year
Delivery Schedule expected after placement of Purchase order (in Weeks)	:1 Week

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

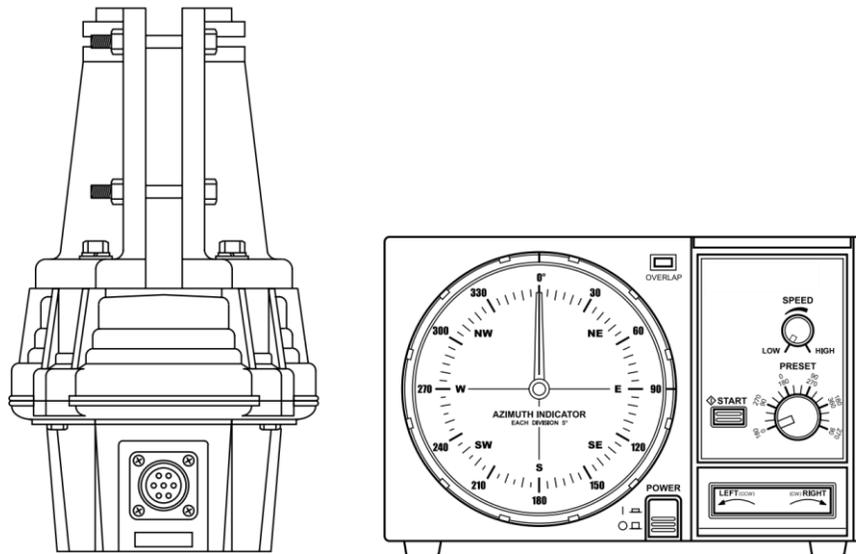
Specification: REMOTELY CONTROLLED & MONITORED ANTENNA ROTOR

Extra Heavy-Duty Rotator Systems are azimuth positioners designed to rotate large tower-mounted amateur and professional antenna arrays under remote control from the station's operating position. These systems feature attractive compass-dial position indication controllers, with a connector port for optional computer interface for automated directional antenna positioning control.

The factory-lubricated rotator unit is housed in melamine resin-coated die-cast aluminum, intended to provide maintenance-free operation under all climatic conditions. A mast alignment gauge on the rotator housing simplifies accurate mechanical alignment during installation. Tower mounted, this model handles over 30 sq. ft. of antenna wind load and over 650 lbs. of vertical mast load. About 130 ft. of control cable is included with the only. Control console power is 110/120 volts AC along with 230v adopter. The handsome desktop controller provides 360 degrees radial indication of actual antenna azimuth bearing. You can select rotation time over 360 degrees from 50 to 120 seconds on the , and preset a desired heading for the rotator, to which it then turns automatically. When a fast rotation speed is selected, special "auto slow-start" and "auto slow-stop" features avoid sharp jolts to the antenna array and tower. Activating the rotator causes it to begin turning at slow, but increasing, speed. As the antenna approaches the desired heading, the rotation automatically slows down, before bringing the antenna to a gentle stop. The operator may select the stop heading, the compass bearing through which the rotator cannot be turned, which is most convenient for their station location and operation, allowing full rotation through north, south or both, if desired. In any case, 90 degrees overlapping rotation allows rotation through the selected stop heading for 450 degrees of total rotation.

Wind Load Rating (Inside Tower): 32.3 sq. ft., Rotator Turning Power: 2,170 in.-lbs.

Directional Display Type: Position indicator, Maximum Antenna Mast Diameter: 2.480 in., Rotator Mount Type: Tower, Rotator Brake Type: Mechanical and electrical, Rotator Brake Power: 21,700 in.-lbs. Rotator Bearing Type: Dual race, 100 bearings



schematic diagram of **REMOTELY CONTROLLED & MONITORED ANTENNA ROTOR**