

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

DEPARTMENT OF MECHANICAL ENGINEERING
POST SRINIVASNAGAR, MANGALORE – 575 025 (D K)

Phone: (0824) 2474000.
E- mail: info@nitk.ac.in

Fax: (0824) 2474033

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



NOTICE INVITING QUOTATION

Notification. No: **NITK/NITKRacing/2022/03**

dated: 20/12/2022

Name of Goods	CUSTOM PLANETARY GEARBOX
Estimated Amount:	Rupees One Lakh Fifty Thousand (1.5 LAKH)
Time for Supply of item after release of Purchase order	21 (Days)
Document Download / Sale Start Date	28-12-2022
Clarification Start Date	28-12-2022
Clarification End Date	04-01-2022
Bid Submission Start Date	04-01-2022
Last Date for submission of bids	10/01/2023 before 3.00 PM
Bid Opening Date	10-01-2023 before 3.30 PM
Address for Submission of bids	Dr. Parthasarathy P Assistant Professor Office Room 513 Dept. of Mechanical Engineering National Institute of Technology Karnataka Surathkal, Mangalore - 575 025 Karnataka, India E-mail: parthasarathy@nitk.edu.in Tel.: +91-824-2473673



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Notification No: NITK/NITKRacing/2022/04

Date: 16/12/2022

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 authorized 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.

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 : CUSTOM PLAETARY GEARBOX

Brief Specifications of the Item(s)
(Attach Additional Sheet if necessary) : Please find in the attachment

Quantity : Two numbers

Any other details / requirement :

Warranty Period required : 3 months

Delivery Schedule expected
after placement of Purchase order
(in Weeks) : 3 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

Gearbox Technical Specification

Configuration

- Input – Sun Gear
- Output – Carrier

Gear Parameters

- Gear Ratio = 6
- Number of teeth on Sun Gear = 22
- Number of teeth on Planet Gear = 44
- Number of teeth on Ring Gear = 110
- Module = 2
- Face width = 20 mm

Bearings Specification

- Type - Single Row Deep Groove Ball Bearings
- Bearing Model - SKF W63804-2Z
- Inner diameter (d) = 20 mm
- Outer diameter (D) = 32 mm
- Width (B) = 10 mm

Material Specifications

- Gear Material - EN36 50HRC
- Gearbox Casing - Al 6061

