

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

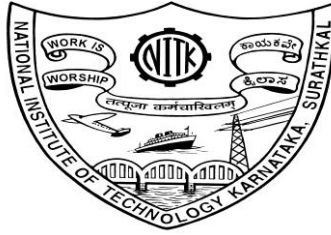
DEPARTMENT OF CENTRE FOR SYSTEM DESIGN
POST SRINIVASNAGAR, MANGALORE – 575 025 (D K)

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NOTICE INVITING QUOTATION

Notification. No: NITK/CSD/DHI-BLDC/2022/SRML/PU/04

dated:15-02-2022

Name of Goods	Switched Reluctance Motor Lamination
Estimated Amount:	Rs. 1.95 Lakhs
Time for Supply of item after release of Work order	Immediate
Document Download / Sale Start Date	15-02-2022 @5.30PM
Clarification Start Date	15-02-2022 @5.30PM
Clarification End Date	02-03-2022 @3.00 PM
Bid Submission Start Date	15-02-2022 @5.30PM
Last Date for submission of bids	02-03-2022 before 3.00 PM
Bid Opening Date	03-03-2022 @5.30PM
Address for Submission of bids	Dr.Pruthviraj U Asst. Professor, Centre for System Design NITK Surathkal – 575025 (M): 9972797225, pruthviu@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.

Name of Goods	Switched Reluctance Motor Lamination
Estimated Amount:	Rs. 1.95 Lakhs
Time for Supply of item after release of Purchase order	Immediate
Document Download / Sale Start Date	15-02-2022 @5.30PM
Clarification Start Date	15-02-2022 @5.30PM
Clarification End Date	02-03-2022 @3.00 PM
Bid Submission Start Date	15-02-2022 @5.30PM
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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. **The buying organization is under the 5% GST Concessional category & Payment will be made with 5% GST on the Taxable amount (base rate).**

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 : **Switched Reluctance Motor Lamination**

Brief Specifications of the Item(s)
(Attach Additional Sheet if necessary) : **Attached in Annexure I**

Quantity : 2 No's

Any other details / requirement : Nil

Warranty Period required : Nil

Delivery Schedule expected
after placement of Work order : Immediate

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 work 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 work 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 I **Specifications**

Technical specifications:

The lamination stacks of an inner rotor type switched reluctance motor needs to be manufactured (Quantity: 2 No's) as per our design requirement using the laser cutting process. The requirements and drawings are provided below:

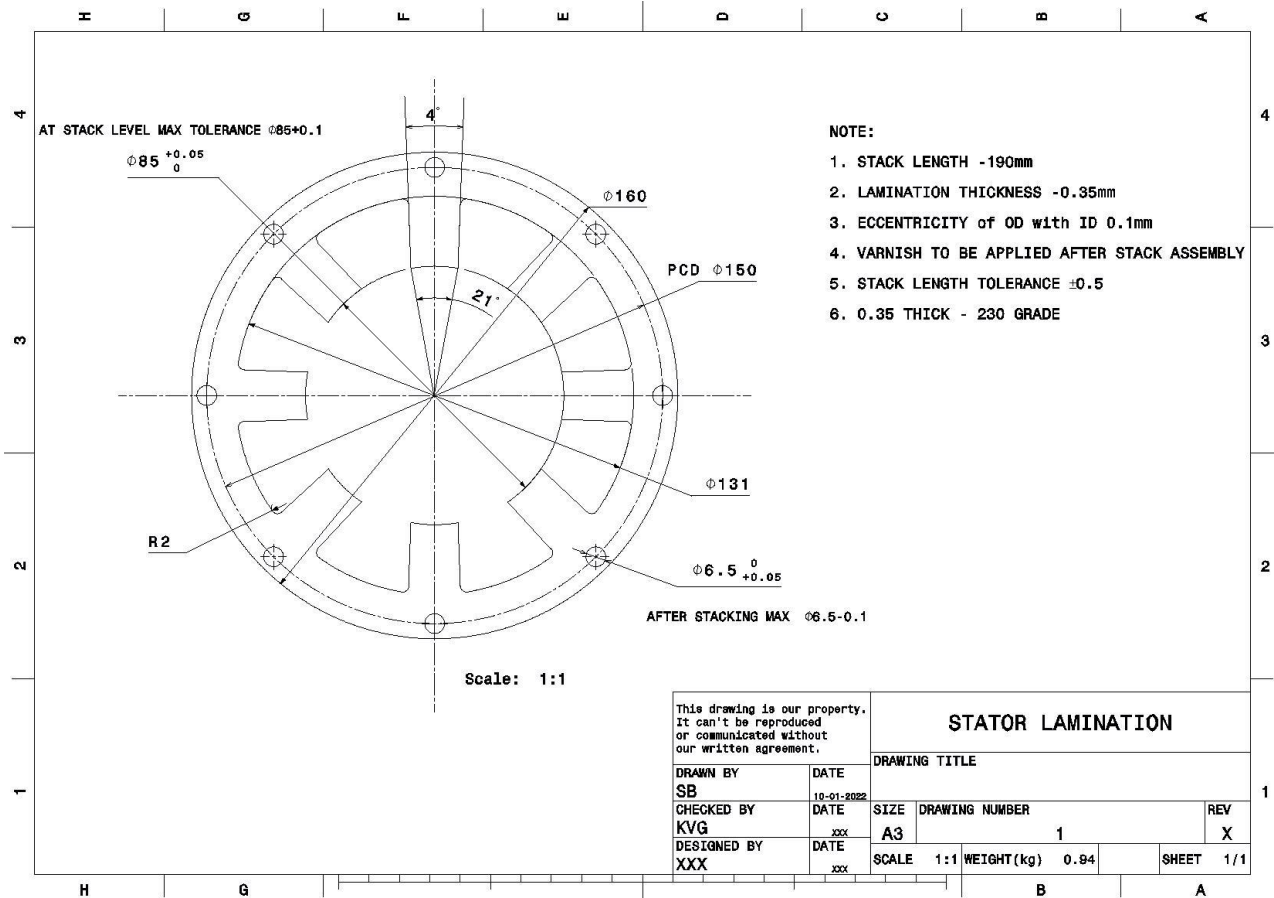
Inner rotor type switched reluctance motor

- For the Stator of the motor:

Properties	Details
Material	M250 Lamination Steel
Thickness	0.35mm
Tolerance	As per drawing
Stack length	190mm
Outer diameter	160mm
Manufacturing process	Laser cutting

- For the Rotor of the motor:

Properties	Details
Material	M250 Lamination Steel
Thickness	0.35mm
Tolerance	As per drawing
Stack length	190mm
Outer diameter	84.2mm
Manufacturing process	Laser cutting



- NOTE:
1. STACK LENGTH -190mm
 2. LAMINATION THICKNESS -0.35mm
 3. ECCENTRICITY of OD with ID 0.1mm
 4. VARNISH TO BE APPLIED AFTER STACK ASSEMBLY
 5. STACK LENGTH TOLERANCE ± 0.5
 6. 0.35 THICK - 230 GRADE

This drawing is our property. It can't be reproduced or communicated without our written agreement.		STATOR LAMINATION	
DRAWN BY SB		DRAWING TITLE	
DATE 10-01-2022	CHECKED BY KVG	SIZE A3	DRAWING NUMBER 1
DATE xxx	DESIGNED BY XXX	SCALE 1:1	WEIGHT(kg) 0.94
DATE xxx			SHEET 1/1

