

# NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

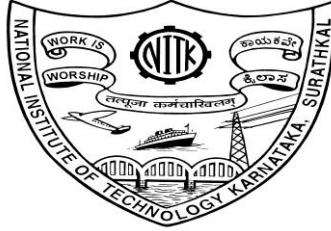
DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING  
POST SRINIVASNAGAR, MANGALORE – 575 025 (D K)

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## NOTICE INVITING QUOTATION

Notification. No: **Met-Mat/SG/GB/IRGCF/953/2022-23/04**

**Date: 23/01/2023**

<b>Name of Goods</b>	Grit Blaster (Portable)
<b>Estimated Amount:</b>	Rs.1,15,000/- (including GST)
<b>Time for Supply of item after release of Purchase order</b>	30 (Days)
<b>Document Download / Sale Start Date</b>	23/01/2023 @ 5.30 PM
<b>Clarification Start Date</b>	23/01/2023 @ 5.30 PM
<b>Clarification End Date</b>	28/01/2023 @ 5.30 PM
<b>Bid Submission Start Date</b>	23/01/2023 @ 5.30 PM
<b>Last Date for submission of bids</b>	06/02/2023 <b>before 3.00 PM</b>
<b>Bid Opening Date</b>	07/02/2023 @ 3.30 PM
<b>Address for Submission of bids</b>	Dr. Sumanth G , Assistant Professor Dept. of Metallurgical and Materials Engg. Email- <a href="mailto:sumanthg@nitk.edu.in">sumanthg@nitk.edu.in</a> Ph- 0824-2473786



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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.

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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 ]

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Item(s) Name to be Procured : Grit Blaster (Portable)

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

Quantity : 1 (one)

Any other details / requirement : check specifications attached

Warranty Period required : 2 years

Delivery Schedule expected  
after placement of Purchase order  
(in Weeks) : 5 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]

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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**

Item: Grit Blaster

Quantity: 1 (one)

Finalized Specifications

- a) It should be portable type
- b) It should be able to hold a volume of 250-300Kgs of 180 mesh fused Alumina grits.
- c) The grits handleable by the machine should vary from 120 grit to 220 grit of Alumina, Sic, chilled iron nuggets, sand etc.
- d) The system should come with robust construction and address all safety requirements with certificates
- e) The grit blaster must be able to operate with pressures atleast upto 10 Bars
- f) Nozzles of different orifices should be provided, with roughly matching 0.5, 1 inch and 2 inch
- g) The flow rates should be tunable according to requirement.
- h) The hose should be of branded quality and should be atleast 5m in length
- i) The on/off switch should be provided to the operator who is performing the gritting. A single operator must be able to operate the whole equipment. It should be capable of remote operation.
- j) The Kevlar safety gear for the operator should be provided, with industrial grade goggles and mask
- k) The nozzle should be mountable on a robot with 20 Kg load capacity. It should be easily handlable by a single person, hence should be as light weight as possible
- l) One extra hose to be provided.
- m) 100 Kgs of White fused alumina with 180 Grit and 220 Grits should be supplied.
- n) Spares of all parts should be made available for atleast 10 years
- o) Service to be attended within three days of rising complaint.
- p) Any of the features can be omitted during P.O. to suit the budget, by the buyer as per his priority. Hence, the vendor has to provide a split up of all items as may be necessary.
- q) Warranty of 2 years with training should be provided.
- r) Compliance to specifications should be provided fully and if the queries through mails are not answered in 2 days then the vendor can be disqualified.

**Sd/-**

**Dr. Sumanth G  
(Buyer)**