

NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA-136119

No. CED/Trans./NITK/2017/15 / 726

Dated: 13/02/17

M/s INSTITUTE WEBSITE

**Sub: INVITATION OF QUOTATIONS FOR STONE POLISHING MACHINE**

1. You are invited to submit your most competitive quotation for the following goods:

Sr.No.	Brief Description & Specifications of Goods	Quantity
1.	Stone Polishing Machine  (Detailed Specifications are attached)	01 Nos.

2. Necessary literature of the goods may please be sent to facilitate to take decision.
3. All duties taxes and other levies payable by the Institute shall be included in the total price. This Institute does not issue Form C or D.
4. Payment will be made Online through RTGS/NEFT within 30 days after receipt of material in good condition and according to specifications. The Bank detail for making online payment may be indicated in the quotation.
5. The supplier shall deposit Earnest Money alongwith the Quotation amounting to Rs. 14000 /- in shape of Accounts Payee Demand Draft, Fixed Deposit Receipt, Bankers Cheque or Bank Guarantee from any commercial Bank in favour of the Director, National Institute of Technology, Kurukshetra. The Quotations without Earnest Money shall be rejected, the EMD will remain valid for a period of 45 days beyond the final validity period of quotation.
6. Performance Security @ 05% of the total value of the equipment may be furnished in shape of Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any Commercial Bank in favour of the Director, NIT Kurukshetra valid upto 60 days after the date of completion of warranty .
7. The items must be supplied within delivery period or delivery period extended by the Institute on the request of the supplier on genuine grounds otherwise the penalty for delayed period @ 0.5% of the amount shall be charged for every week or part thereof and the maximum 10%..
8. The goods are not required exclusively for Research Purpose. The Duties are payable by the Institute.
9. The quotation should remain valid for a period not less than 60 days from the date of submission.
10. The right of accepting or rejecting any quotation and to cancel the bidding process and reject all quotations without assigning any reason is reserved with the Institute.
11. The due date for receipt of quotation is 03.03.2017 and will be opened on next working day. Please quote on the top of the envelope our Ref. No. and due date of opening.

  
Deputy Registrar (I/c Stores)

**Specification for Stone polishing machine as per BS 812:Part 114 – 1989, EN 1097-8**

**a. Accelerated Polishing Machine**

Specimens are manufactured in accurately machined and matched moulds; they are then removed from the moulds and located on the 'Road Wheel' The wheel is now rotated and enters in contact with solid rubber tyre, spring loaded. Abrasive charges are continuously fed by mechanical feeders at fixed speed. **Feed rates for corn emery are 20-34 g/min. Feed rate for flour emery is 2-4 gm/min. The water is supplied at a controlled rate of 20 -34 ml/min & 5- 8 ml/min. respectively for Corn emery & flour emery through a water container. Road wheel speed is 310 to 330 rpm & applied load on specimens 715 to 735 N. and wheel accepting minimum 14 specimens.** Used water and abrasives are collected in a large removable tray. Electrical supply is protected by the thermal cutouts and an emergency stop button Suitable for operation on 220 V, 50 Hz, Single Phase, AC supply

**The equipment should be supplied along with the following**

1. Carillion stone – 25kg
2. Control stone- 25 Kg
3. Corn Emery ungraded-10 kg
4. Flour emery ungraded- 10kg

**b. Friction tester**

It should be suitable for measure the antiskid performance of high grade roads and airport pavement both in lab and directly on the road surface the equipment should have consist of spring loaded rubber slider mounted on a pendulum Arm. It should be adjusted vertically from a rigid support column. The base should be adjustable through three feet arrangement.

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