

**Office of the Dean Research and Development
Indian Institute of Engineering Science & Technology (IEST), Shibpur
Howrah-711 103**

Project Code: DRC/MHRD-IITKGP/DIC/SB/014/16-17

**Department of Aerospace Engineering and Applied Mechanics
Indian Institute of Engineering Science & Technology (IEST), Shibpur
Howrah-711 103**

National Initiative on Design Innovation

Tender Advt. No. AM 1337, dated 01.02.2018

Ref. No. DIC/SB/01 dated 30.01.2018

Notice Inviting Quotations

Notice inviting Sealed quotations from manufacturers, suppliers and agents for supply / development of the following item as mentioned below:

Item No. 1: Supply / Fabrication of 3-Axis scanning machine.

Quantity: 1 complete setup

Bed Size : 1000 mm x 1000 mm

Work area : 700 mm x 700 mm

Z axis movement : 200 mm

Electronic Parts:

Stepper Motor : NEMA 23 BIPOLAR: 10.1 Kg.cm Torque – 4 nos (2 for X axis, 1 for Y axis and 1 for Z axis)

Controller : DRV8825 - 4 nos.

9V-42V Micro-Step CNC Single Axis TB6600 Stepper Motor Driver Controller – 4 nos

Driver : UNO R3 (Including CNC SHEILD)

Power Supply : 24V 10A

Main Mechanical Hardware Components:

X/Y Axis Rail Extrusion : 1000mm (Aluminum)

Z Axis Rail Extrusion : 200mm (Aluminum)

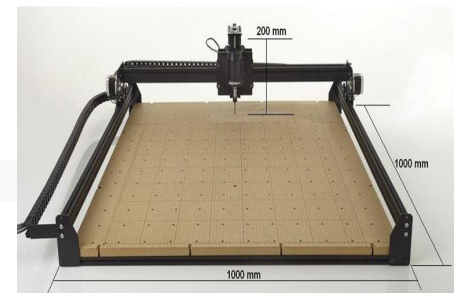
M8 x 1.25 mm Threaded Rod Stainless Steel, 250mm for actual

Z axis movement of 200 mm

One Universal Spindle Mount

All other parts like bearing, pulley, belt, mount, brackets etc will be included in the system in assembled condition.

The system should have smooth proper surface finish with coating.



View of the 3 Axis scanning system

The price quoted should be inclusive of all Taxes in INR, duties and levies. Inclusion of Tax/Levy at a latter stage will not be accepted. Freight, Insurance charges should be clearly indicated. If GST is chargeable then price quoted should be inclusive of GST in INR.

The sealed signed quotation along with GST certificate, PAN, Trade license (current), should be submitted to Prof. Subhasis Bhaumik, Coordinator - National Initiative on Design Innovation, C/o School of Mechatronics & Robotics,

3rd Floor, New Science & Technology Building, Institute of Engineering Science & Technology, Shibpur, Howrah - 711103, West Bengal, INDIA

Deliver time: Within 10 days from the date of placement of order.

Last date of submission of quotation: 08.02.2018 (Thursday) upto 2.00 p.m.;

Date of opening of quotation: 08.02.2018 (Thursday) at 3.00 p.m.

Indian Institute of Engineering Science and Technology (IEST), Shibpur, Howrah reserves the right to accept/ reject all or any of the tenders without assigning any reason whatsoever.

Dean (R &D)

(A. Code DRC-T119/17-18)