

**INDIAN INSTITUTE OF TECHNOLOGY GOA**

At Goa Engineering College Campus

Farmagudi, Ponda, Goa 403401

E-mail: [purchase@iitgoa.ac.in](mailto:purchase@iitgoa.ac.in)

GSTIN: 30AABAI1653D1ZF

PAN: AABAI1653D

TAN: BLRI08261B

**Enquiry No: IITGOA/2019-20/004**

**Date: 16/05/2019**

IIT Goa invites sealed quotations in two bid form for the supply of below mentioned item.

Sl. No.	Description of Item	Qty
1	Low Speed Precision Cutting Machine <b>(Detailed Specifications Attached)</b>	01 No.
2	Hydraulic Automatic Specimen Mounting Press <b>(Detailed Specifications Attached)</b>	01 No.
3	Twin Wet Belt Grinding Machine <b>(Detailed Specifications Attached)</b>	01 No.
4	Double Disc Variable Speed Grinder/Polishing Machine <b>(Detailed Specifications Attached)</b>	01 No.

**Terms and conditions:**

1. Quotation must be valid for at least 120 days.
2. The GSTIN should invariably be mentioned in your offer.
3. Kindly attach a compliance certificate along with the technical quote.
4. Prices:

**I) For Import Supplies:**

- a) It is mandatory to quote price in CIF/CIP Mumbai basis only with separate cost breakup of transportation up-to IIT GOA.
- b) In case of Multiple options of same product, bidders are requested to quote only one best option and not multiple options.
- c) All local taxes, customs duty and clearance charges will be borne by the Institute as applicable.
- d) Payment terms: 90% payment by letter of credit and balance 10% will be paid by wire transfer after satisfactory installation and commissioning.

**II) For Indigenous Supplies:**

- a) In case of Multiple options of same product, bidders are requested to quote only one best option and not multiple options.

- b) Payment terms: Within 30 days after the delivery and installation of the items at IIT GOA.
5. Delivery and installation should be made within 4 – 6 weeks of getting a confirmed order.
  6. The suppliers shall provide the banking details along with their quote on their letterhead duly signed and stamped.
  7. IIT Goa reserves the right to accept and/or reject any/all bids without assigning any reason.
  8. Quotations shall be submitted in two parts;
    - 1) **Part – I (Technical)** should contain all the technical details and specification of the product. It should contain unpriced bid along with terms and conditions, compliance certificates, proprietary certificates (if applicable), any other certificates/details etc. This envelope should be marked as “Technical Bid”
    - 2) **Part -II (Financial)** The financial bid of the above item should be in a sealed envelope marked as “Financial Bid” and should contain financial terms and conditions.
  9. For any clarification, you may kindly contact Dr. Sachin Kore (E-mail: [sachin@iitgoa.ac.in](mailto:sachin@iitgoa.ac.in)) and Stores & Purchase Department (E-mail: [purchase@iitgoa.ac.in](mailto:purchase@iitgoa.ac.in)) till 31/05/2019.
  10. All sealed quotations must reach to the Assistant Registrar (Stores & Purchase), IIT Goa, at Goa College of Engineering Campus, Farmagudi, Ponda, Goa by 17.00 Hrs on or before 06<sup>th</sup> June, 2019”.

**Sd/-**  
**Asst. Registrar (S&P)**

## Specifications

Name of equipment	Specifications	Quantity
<p style="text-align: center;">1. Low Speed Precision Cutting Machine</p>	<ul style="list-style-type: none"> <li>• A precision section saw designed for cutting all types of materials with ease</li> <li>• Cutting capacity up to 20mm - 4" Wheel</li> <li>• Cutting capacity up to 30mm – 5" Wheel</li> <li>• Positioning accuracy 0.005 mm to 0.01 mm</li> <li>• Arbor size= 10 to 15 mm</li> <li>• Aluminium base and rust proof construction</li> <li>• Automatic Cut-Off switch</li> <li>• Micrometre for cross-feed adjustment (0 - 25mm)</li> <li>• Single Phase DC Motor</li> <li>• Continuously Variable speed rpm 50 to 600 rpm</li> <li>• Machine Size: 400mm x 300mm x 250mm</li> <li>• Electrical: 220 V, 50 Hz</li>   <li>• Diamond Wheel 100mm x 0.3mm x 12.7mm (above 60 HRC)</li>   <li>• Diamond Wheel 100mm x 0.3mm x 12.7mm</li> <li>• Diamond Wheel 125mm x 0.4mm x 12.7mm (above 60 HRC)</li> </ul>	<p>1 No.</p>
<p style="text-align: center;">2. Hydraulic Automatic Specimen Mounting press</p>	<ul style="list-style-type: none"> <li>• Fully Automatic Hydraulic Hot Mounting Press</li> <li>• Corrosion resistant steel Cabinet with built in Electro Hydraulic system</li> <li>• Electro Hydraulic Fully Automatic system</li> <li>• User Friendly advanced LCD Touch Screen System</li> <li>• Pre Set Programming &amp; Data Storage of Mounting Parameters</li> <li>• Setting of Heating Time, Cooling Time, Mount Temperature, Mounting Pressure, Ram up and down, Cycle Start can be done and controlled through the Touch Screen Pad</li> <li>• Stainless steel body Pressure Transmitter</li> <li>• Quick Ram return to speed up reloading</li> <li>• 1600 Watt mould Heater</li> <li>• Dovetail slot for easy changeability of Mould Assemblies</li> <li>• Inbuilt Automatic Water Cooling System</li> <li>• Timer-Buzzer indication for heating and cooling cycles</li> <li>• Wide range of sample sizes can be accommodated</li> <li>• Provision to accommodate 1 ½ ", 2", 30 mm, 40 mm &amp; 50 mm Mould Sizes</li> <li>• 1¼" comes with the machine as a standard</li> <li>• Power Supply: 230V / 50Hz &amp; 110V / 60Hz</li> </ul>	<p>1 No.</p>

	<ul style="list-style-type: none"> <li>• Recirculation water cooling system 50 to 60 Litres capacity</li> <li>• Mould Assembly 1 ½ " , 1 qty</li> <li>• Mould Assembly 2" , 1 qty</li> <li>• Mould Assembly 30 mm, 1 qty</li> <li>• Mould Assembly 40 mm, 1 qty</li> <li>• Mould Assembly 50 mm, 1 qty</li> <li>• 50 mm Twin Mould design, 1 qty</li> <li>• 1 ¼" Twin Mould design, 1 qty</li> <li>• 1 ½" Twin Mould design, 1 qty</li> <li>• 2" Twin Mould design, 1 qty</li> <li>• 30 mm Twin Mould design, 1 qty</li> <li>• 40 mm Twin Mould design, 1 qty</li> <li>• Temp. /Timer Controller with LCD Touch Screen</li> <li>• Pressure Transmitter</li> <li>• Integrated Heating/Cooling Assembly</li> <li>• 4 Kg Phenolic Powder –Black &amp; Mould Release agent)</li> <li>• 4 Kg Phenolic Powder – (Red or Green) &amp; Mould Release agent</li> <li>• Epoxy Powder (Fine)/Glass Filled 1kg</li> <li>• Transparent Powder 1kg</li> </ul>	
<p>3. Twin Wet Belt Grinding machine</p>	<ul style="list-style-type: none"> <li>• Two grinding belts</li> <li>• Water cooling system</li> <li>• Anticorrosion M.S Base with powder coated</li> <li>• Motor capacity 1 HP</li> <li>• Motor Speed: up to 1500 RPM</li> <li>• Grinding belts: 100X915 mm</li> <li>• Electrical Interlock System</li> <li>• Drain: Right and Left, Ø 40 mm</li> <li>• Water Valve: Right &amp; Left</li> <li>• Power Supply: 415V/ 50Hz</li> <li>• Machine Size:630x250x520 mm</li> <li>• Alumina - Grit 80 consumables 10 no's</li> <li>• Alumina - Grit 120 consumables 10 no's</li> </ul>	<p>1 Nos.</p>
<p>4. Double Disc Variable Speed Grinder/Polishing machine</p>	<ul style="list-style-type: none"> <li>• 8 to 10" Double Disc Polisher</li> <li>• Variable speed from 50-1000 RPM</li> <li>• Rigid table top corrosion proof FRP cabinet</li> <li>• 0.5HP High Torque Motor</li> <li>• Imported Drive for smooth speed change</li> <li>• Corrosion Resistant wash bowl free flow drain</li> <li>• Flexible water jet with control valve</li> <li>• Aluminium Disc 8"Dia (Interchangeable) 2sets</li> <li>• Splash Guard 2sets</li> <li>• Lid 2sets</li> <li>• Holding Band 1set</li> <li>• Press type Stainless Steel Holding Ring</li> <li>• Power Supply: 230 V / 50 Hz</li> </ul>	<p>1 Nos.</p>

	<ul style="list-style-type: none"><li>• Machine Size:710x660x310mm</li><li>• Front Control Panel with feather touch buttons</li><li>• Air Drier</li><li>• Magnetic substrate disc to attach to any conventional platen self-adhesive backing</li><li>• Ferromagnetic carrier sheet for sand paper/cloths</li><li>• A Set of Start off Consumables for Polishing / Grinding</li></ul>	
--	--	--