



महाराष्ट्र शासन

## GOVERNMENT POLYTECHNIC BEED

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DTE CODE - 2011

"Vision :- To make competent Engineering Professional with Ethical core values." MSBTE CODE - 032



No. GPB/Store Officer/2021/ 237

Date:- 22/1/2021

### Tender Notice

#### Sub:- Quotation for purchase of machinery & equipments

Sealed quotations are invited from eligible and interested manufacturers/dealers/distributors for *Mechanical Engineering Department's machinery & equipment*. Specifications, quantity and terms and conditions of supply are as listed below.

Sr. No	Name of the machinery/equipment with specifications	Quantity	Per Unit Estimated cost in Rs.
01	Inductive transducer (LVDT): Measurement range - 0 to 100 mm, Standard contact sensor- Inductive solenoid type on board with micrometer, micrometer screw gauge assembly for displacement, bridge balance type, Circuit display 3.5 digit digital display, Linearity 0.5%, Repeatability precision 0.05 micrometer	01	20000/-
02	Vibration meter: Displacement : 0.1-199.9 micrometer peak, Velocity : 0.1-199.9 mm/s true RMS, Acceleration : 0.1-199.9 m/s <sup>2</sup> peak, Overall accuracy : +- 5% of display +- 2 digits, Temperature range :5-50 0C, Frequency response : 10-1000Hz, Battery: 9V 6F22, 25 hrs, Pickup : Accelerometer with hand held probe and magnetic base, Record the memory 8 Mbit FLASH	01	15000/-
03	Sound level meter : Standard applied - IEC 651 type 2, ANSI 1.4 type 2, Dynamic range - 50 dB, Resolution - 0.1 dB, Time weighting - FAST (125mS), SLOW (1 sec), Frequency range - 31.5 Hz - 4 KHz, Sound Pressure level - 94dB/114 dB, Accuracy - +- 1.0 dB, Operating temp - 0 to 40 0C, Measuring level range - 40- 130 dB	01	3200
04	Oscilloscope Dual Trace : Vertical Deflection System 1. Sensitivity in 1, 2, 5 sequence: 10 mV/cm to 20 V/cm 2. Bandwidth : DC to 5 MHz 3. Rise Time : 70 nS 4. Accuracy : + 3% 5. Max. Input Voltage DC + AC peak : 400 V 6. Input Impedance : 1 M/35 pF Horizontal Deflection System 1. Sweep Speed in 1, 2, 5 sequence : 0.5 S/cm to 0.1 ms/cm 2. Accuracy : +3% 3. Nonlinearity : + 2%	01	16000

	<p>Triggering</p> <ol style="list-style-type: none"> <li>1. Mode : Auto/level/free run</li> <li>2. HF Sync : Yes</li> <li>3. Source : INT/(Y1/Y2)/EXT</li> <li>4. Coupling : AC/TV (Line, Frame)</li> </ol> <p>Others</p> <ol style="list-style-type: none"> <li>1. Power : 230 V <math>\pm</math> 10% 50 Hz 30W</li> <li>2. Calibrator : 1 V, 1 kHz</li> <li>3. Display Area : 8 cm x 10 cm</li> <li>4. Trace Rotation : Yes</li> <li>5. Weight : 11 kg</li> <li>6. Dimensions (H X W x D) in mm : 272 x 184 x 420</li> </ol>		
04	Slitting machine : Slitting width 300mm or extensible, Slitting blade, slitting each width at least 15 mm.	01	20000/-
05	Single disc polishing machine: Table top unit, Grinding/polishing disc having diameter 200 mm, rotation speed variable from 0-600 rpm (approx). Both polish papers or polishing cloth can be clamped on rotating disc, 1/2 hp high torque DC motor.	01	32000/-
06	Rockwell cum Brinell hardness tester : Test Loads (Kgf), 60, 100, 150 (Rockwell), 187.5, 250 (Brinell), Initial Load 10 kgf, Max. Test Height 295 mm, Depth of Throat 148 mm, Max. Depth of Elevating Screw Below Base 295 mm, Size of Base 475x220 mm (Approx.) Standard Accessories : 01 no. Rockwell Diamond Indenter, 01 no. Testing Table f 50 mm, 01 no. Testing Table f40 mm with 'V' Groove for round Jobs f 6 to 45 mm, 01 no. each of Steel Ball Indenter f1/16", f2.5 mm, f5 mm, 01 no. each of Test Block HRC, Test Block HRB and Test Block HB 2.5mm/187.5 Kgf, 05 no. Steel Ball f1/16", Allen Spanners, Clamping Device, Brinell microscope, Instruction Manual.	01	60000/-
07	Adjustable Snap Gauge: Double ended ( 3 pieces) grade A/X	01	6000/-
08	Spirit level : Least count of graduation 2mm, effective length of bubble 20+1mm, bubble opening 50mm*8mm, Base width 20mm	01	5700/-
09	Inside micrometer: 0-200 mm	01	7000/-
10	Mechanical Tool box: Ring spanner set 6-32 no., Flat spanner 6-32 no., Drill machine with hammer and drill mode having 750 W, Plier set- Flat,Nose,O ring (02 no. each), Wire stripper, Measuring tape 3 m, Drill bit set-metal, concrete and wood with size 4 mm- 12 mm. Allen key set up to 12 mm.	Set	15000/-
11	Hand Grinding machine 1000W: with accessories, - grinding wheel set of 2mm, 6mm thickness wheel, sand paper wheel (grade 400-1200), wood polishing wheel, buffing pad wheel. Accessories 03 no. each	Set	10000/-
12	Spanner set with box number 10 - 32 and direction control ratchet bar small and big. Fixed tommy bar.	Set	10000/-
13	Maintenance tool kit for Refrigeration unit: Pipe bending, cutting tools, gas charging hose pipes, flaring tools, swadging tools, etc.	Set	15000/-

## Terms and Conditions

- 1) Quotations are invited with two envelope system of tendering (viz. Technical and Commercial envelopes).
- 2) The Technical envelope should contain:
  - a) Establishment Registration Certificate of Tenderer.
  - b) GST registration certificate/ Number
  - c) GST Clearance Certificate/ GST Challan till on July 2020 or latest.
  - d) Technical literature / leaflet / specification sheet of the item quoted along with warranty /Guarantee Clause.
  - e) Undertaking about Quality, and after sales service of the item / equipment & Machinery.
  - f) Authorization / Distributorship certificate from manufacturer or proof of permission to
  - g) Sale the equipment / item / mentioned in the quotation from competent authority (to be submitted if the tenderer is not a manufacturer).
- 3) Commercial envelope should contain per unit rates inclusive of all applicable taxes/service charges with signature and stamp of the establishment.
- 4) The two envelopes should be sealed with a mention of - Type of envelope (Technical/Commercial); reference number; date of opening of quotation, on the front side of the quotation. These two envelopes should be sealed in a third envelope by giving heading "**Quotation for supply of Mechanical Engineering Department's machinery & equipment**" and writing complete address of the undersigned.
- 5) The machinery/equipment will be checked by an expert officer appointed by the undersigned.
- 6) No extra charges will be paid for Packing, Installation, Delivery/Transportation, Commissioning, and Inspection of accepted/rejected/replaced material.
- 7) Rates should be valid for 6 months from the date of quotation opening.
- 8) Delivery to the consignee has to be effected within two weeks from the date of issue of purchase order failing to which a penalty of 0.5% per week (Max 10% of purchase order cost) will be charged.
- 9) The quotations should reach the undersigned on or before dt.06/02/2021 before 5 pm.
- 10) Quotations will be opened at 11 AM on date 08/02/2021.
- 11) The undersigned reserves the right to accept or reject any offer or all offers without assigning any reason thereof.

  
Principal,  
**PRINCIPAL**  
GOVT POLYTECHNIC, BEND

Copy to,

- 1) Institute website in-charge officer for publishing this tender on web portal.
- 2) Institute notice board.
- 3) HOD ME