



GOVERNMENT POLYTECHNIC, BEED

Visit Maharashtra Years - 2017

Near Khandeshwari Temple, Nathapur Road, Beed-431 122

Email – stores.apbeed@dtmaharashtra.gov.in

No. GPB/Store/2022/419

Date:- 4 FEB 2022

Notice Inviting Quotation for Electrical, Electronics, Printing & Mech. Equipment.

Sealed quotations are invited from eligible and interested manufacturers/dealers/ distributors for the **Electrical, Electronics, Printing & Mech. Equipment** with specifications, quantity and terms and conditions of supply as listed below.

Sr. No.	Name of the item with specifications	Quantity
01	1 phase capacitive load, 2.5 KW, 20Amps, 230Volt	01
02	1 phase resistive (Lamp) load, 2.5 KW, 20Amps, 230Volt	01
03	1 phase resistive (Rheostat) load, 2.5 KW, 20Amps, 230Volt	01
04	1 phase inductive load, 2.5 KW, 20Amps, 230Volt	01
05	3 phase balanced capacitive load, 2.5 KW, 20Amps, 450Volt	01
06	3 phase balanced resistive (Lamp) load, 2.5 KW, 20Amps, 450Volt	01
07	3 phase balanced resistive (Rheostat) load, 2.5 KW, 20Amps, 450Volt	01
08	3 phase balanced inductive load, 2.5 KW, 20Amps, 450Volt	01
09	1 phase capacitive load, 5 KW, 20Amps, 230Volt	01
10	1 phase resistive (Lamp) load, 5 KW, 20Amps, 230Volt	01
11	1 phase resistive (Rheostat) load, 5 KW, 20Amps, 230Volt	01
12	1 phase inductive load, 5 KW, 20Amps, 230Volt	01
13	3 phase balanced capacitive load, 5 KW, 20Amps, 450Volt	01
14	3 phase balanced resistive (Lamp) load, 5 KW, 20Amps, 450Volt	01
15	3 phase balanced resistive (Rheostat) load, 5KW, 20Amps, 450Volt	01
16	3 phase balanced inductive load, 5 KW, 20Amps, 450Volt	01
17	VAR Meter	01
18	Pyrometer, Laser class 2, 635nm - 30 deg C to +500deg C	01
19	Thermocouple, RS PRO Type, 150mm length, 4.5mm diameter, + 350 degree C	01
20	Recording Wattmeter	01
21	3-Phase Autotransformer (Dimmer stat), 600V, 5A	03
22	Kelvin double bridge Kit	01
23	Battery Regulated DC Power supply, Digital meter (input & output voltage current) Output DC Power supply ranges from 0 to 500V, Input power supply is 230V Or 110V +- 10% & 50/60 HZ.	01
24	Battery Operated Megger Digital with kit, 500V Display type 3 1/2 Digits LCD	02
25	Earth Tester Digital, connecting wire, Digital Hammer & Screw Driver	01
26	Digital Storage 2 channels Oscilloscope 20/30/100MHZ Frequency with attenuator probes.	01
27	Tri-Vector Meter, Suitable 3Phase, Four wires, 100/5 Amps	01
28	Load Bank 415V, 20A (R-L) Load	01
29	Load Bank 415V, 20A (R-C) Load	01
30	Digital Ammeter DC, 0-500MA	01
31	Digital Ammeter DC, 0-1A	01
32	Digital Ammeter DC, 0-5A	01
33	Digital Ammeter DC, 0-10A	01
34	Digital Ammeter DC, 0-150V	01
35	Digital Ammeter AC, 0-150V	01
36	Digital Ammeter AC, 0-300V	01
37	Digital Ammeter AC, 0-500V	01

38	Digital Ammeter AC, 0-1A	01
39	Digital Ammeter AC, 0-5A.	01
40	Digital Ammeter AC, 0-10A	01
41	Full Wave rectifier circuit kit, with center tap transformer (12-0-12) connecting facility for i) R load ii) RL Load iii) Freewheeling diode	01
42	Triggering circuit full wave rectifier, Synchronized UJT triggering circuit with pulse Transformer for isolations	01
43	SMPS, Input voltage range 220V, current 5 AMP, DC Output Voltage + 5V, + 12V+3.3V, -5V, -12V	01
44	UPS Input Voltage range 145-90V, Normal Output Voltage 230V, Output power capacity 660Watt, /1.1KVA	01
45	Digital Stop Watch, Stopwatch/Chronograph mode with 1/100sec. Resolution, Programmable alarm	01
46	Oil Testing Kit Standard	01
47	Hand hydraulic crimp tool kit for cable size of 205 to 32 sqm	01
48	Cable Joint Kit 50-100sqm size	01
49	Three Phase Transformer, 2-3 KVA, 230V/115V	02
50	Linear Potentiometer, displacement range 0-400cm	01
51	Linear Potentiometer, displacement range 0-3000 single turn	01
52	LVDT Trainer kit, Displacement range +/- 20mm, Accuracy of +/- 2% primary Excitation 4KHZ & 1V, RMS Output :- digital display of +/- 20mm	01
53	Strain gauge trainer kit, strain gauges of 350 ohms, Accuracy of +/- 1% power supply 230Vac, Max. of 5 KG. load Digital indication	01
54	Bourdon tube pressure gauge, Input pressure range 0-50 psi Accuracy of +/- 2% Dial gauge indication in the range 0 to 50 psi & digital display.	01
55	Stepper motor, 50/100 RPM	01
56	Starter DOL 440V	01
57	Starter star-Delta 440V	01
58	2 Point starter	01
59	3 Point starter	01
60	Rotor Resistance Starter, 3 phase, 10 Amp, 150V	01
61	Three Phase alternator with shunt exciter, 240V, 7.2 Amp, 3KVA, 1500 RPM with exciter voltage 220V	01
62	Exciter 220V, 2.3Amp, 0.5KW, 1500Rpm	01
63	Three Phase synchronous motor with damper winding, 5KVA, 16.5Amps, 1500Rpm, 230 Volts, Delta Connected	01
64	Double Pole double throw switch	01
65	3 Phase synchronous motor, 6.5 kilo Watts, 230V, 15Amp, 1500Rpm.	01
66	Earth Switch 32A, 63A, 100A	01 Each
67	Securing Window Glass /mess/Sliding /Rebar framing/ Square wire mesh mounting & assembly	30
68	Refrigeration Maintenance tool kit	01
69	Klystron Tube- 2K25 with mount	01
70	Floating carriage micrometer:- LC0.001MM, standard micrometer, non rotary 8mm micrometer spindle, indicator with 0.001mm standard dial, admit between center 200mm, max. dia. Cap. 1000mm, standard accuracy +/- 0.005mm	01
71	Separating calorimeter with steam generator for determination of dryness fraction of steam	01
72	Dial bore gauge 0-200mm	01
73	Clinometer, base length 200mm/100mm, measuring range +/- 17.5mm/(+/- 1degree) Measuring range 4*90 degree) sensitivity per digit +/- 0.001mm/m Accuracy +/- 0.2% operating temperature - 10degree to + 40 degree, Graduation - 1degree, Dimension 100*15*100mm	01
74	Cut section model of Impulse steam turbine :- Wooden & metallic parts, nozzle, rotor & blades of metal well mounted each part differently colored for identification	01 set
75	Cut section model of Reaction steam turbine :- Wooden & metallic parts, nozzle, rotor & blades of metal well mounted each part differently colored for identification	01

76	Refrigeration Maintenance tool kit :- Pipe bending, pipe cutting tools, gas charging hose pipes, flaring tools, swaging tools, pressure gauge, R134A refrigerant tin can 450gm with 3 way brass valve etc.	01
77	Pad Printing machine (motorized) Motorized motion, stroke controller, with 3 pads & Image clinches - 5 nos & Inks 1 Kg. Red, Black & Blue.	01
78	Flexo Ink Proofing kit with 300 to 1200 Anilox roller, spare blade with case	01
79	3D Printer Modeling Technology :- FDM (Fused Deposition Modeling) printing size :- 200x220x250mm Max. Traveling speed : 180mm/s, Filament : 1.75mm ABS/PLA, TPU,WOOD, Flexible, carbon fiber , PA....., Input : AC100-265V, 50-60Hz, Output : DC 24V , 15V 360W, Layer Thickness: 0.1-0.4mm, Nozzle diameter: 0.4mm, Precision: +/- 0.1mm, Printing Accuracy: 0.12mm, XY Axis Accuracy: 0.005mm with 1KG , 1.75mm PLA Filament	01
80	Hand Held Spectrophotometer: Color space: CIELAB, Color difference formula triangle E*ab, Measurement caliber : 8mm, Illumination condition: CIE Recommendation: 8/d, Light source: D65, Sensor: Photodiode array, Observer CIE 10 degree standard observer, Measurement range: l: 0 to 100, Repeated Accuracy triangle Eandlt: 0.08, Table difference triangle Eandlt: 0.02 Measurement Interval; 1 sec., Storage capacity: Type sample data: 100 groups, Lifetime of bulb: 5 years more than 1.6 million measurements, Display screen: TFT true color 2.8" (16.9), Language: English/Simplified Chinese, Working temperature range: 0 degree C,-40 degree C (32degree F -104 degree F), Storage Temperature range; 20 degree C,-50 degree C (4 degree F -122 degree F), Humidity range relative humidity less than 85% without condensation.	01

Terms and Condition

- 01) The quotation should be sealed in a envelope by giving heading "Quotation for supply of Consumables, Tools & Equipment" and writing complete address of the undersigned.
- 02) Provide following documents with quotation in the envelope.
 - a) Establishment Registration Certificate of Tenderer.
 - b) GST registration certificate/ Number
 - c) GST Clearance Certificate/ GST Challan till on July 2021 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 sale the consumable items.
- 3) The consumable items will be checked by an expert officer appointed by the undersigned.
- 4) No extra charges will be paid for Packing, Installation, Delivery/Transportation, Commissioning, and Inspection of accepted/rejected/replaced material
- 5) Rates should be valid for 3 months from the date of quotation opening.
- 6) Delivery to the consignee has to be effected within twoweeks 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.
- 7) The quotations should reach the undersigned on or before dt. ~~13/12/2021~~ 14/02/2022 before 4.00 PM.
- 8) Quotations will be opened at 11.00AM on date ~~14/12/2021~~ 15/02/2022
- 9) The undersigned reserves the right to accept or reject any offer or all offers without assigning any reason thereof.


Principal,

Government Polytechnic, Beed

Copy to,

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