

**GOVERNMENT POLYTECHNIC, YAVATMAL.**

शासकीयतंत्रनिकेतन, यवतमाळ.

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**QUOTATION**

No.GPY/CS/INST PUR /QUOTATION/2017-18/ 347  
Dt. 29 /01/2018.

Sub: Quotation for purchase of equipments. (Due Date: 8 /02/2018)

Sealed Quotations are from eligible and interested manufacturers/ dealers/distributors/ for the following items on the terms and conditions mentioned below.

Sr. No.	Name of the item with specification	Quantity required	Estimated cost
1.	LIST ATTACHED HERE WITH		

**TERMS AND CONDITIONS**


- The bid/quotation should be submitted in two bid format.
- The first envelope will contain Technical specifications of the product, technical literature/ leaflet and other documents mentioned below.
  1. Covering Letter for Quotation on the company letter head mentioning official address, Contact No.
  2. e Mail address and website (if available) address
  3. Certificate from competent authorities, if exemption is claimed.
  4. GST registration certificate/ Number
  5. GST Clearance Certificate/ GST Challan for last quarter of the financial year.
  6. Authorization/ Distributorship certificate from manufacturer. Proof of permission to Manufacture the equipment/ item mentioned in the quotation from competent authorities (to be submitted if the bidder is not a manufacturer).
  7. Technical literature / leaflet of the make and model no of equipment quoted.

Additional document may also be asked by undersigned for confirming the details.

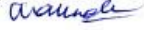
- The second envelope will contain the financial bid in which the all inclusive rates F.O.R. Destination will be written and signed with the stamp of the establishment in the following format.

Sr. No.	Name of the item with specification	Quantity required	All inclusive cost per unit	All inclusive cost for quantity mentioned.
1.	LIST ATTACHED HERE WITH			

Date : 29 /01/2018  
Place : Yavatmal.

  
( N. N. Shende )  
Principal  
Govt. Polytechnic, Yavatmal.

- The two envelopes should be sealed with a mention of the type of envelope (technical/ Financial), Reference no., Date of opening the quotation on the front side of the envelope. These two envelopes should be sealed in a third envelope by giving heading "Quotation for supply of CHEMICAL& SCIENCE LAB EQUIPMENTS" and writing complete address of the undersigned.
- The quotations should reach the undersigned on or before dt. 8 /02/2018.
- The material will be checked at this institute.
- No extra charges will be paid for cartage, packing etc. for the material rejected and replaced
- Quotations will be opened at 9/02/2018 at: 11.00 AM on dt. 9/02/2018.
- Rates should be valid for 6 months from the date of confirmation letter.
- Materials should be quoted for standard makes and minimum pkgs.
- Delivery to the consignee has to be effected within 4weeks from the date of issue of purchase order.
- The undersigned reserves the right to accept or reject any offer or all offers without assigning any reason thereof.

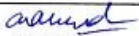
  
**( N. N. Shende )**  
**Principal**  
**Govt. Polytechnic, Yavatmal.**

- Copy to**
1. The Director, Directorate of Technical Education, 3Mahapalika Marge, M.S. Mumbai.  
Please publish the enquiry of above item on your website.
  2. The Jointed Director, Technical Department, Regional Office, Gadge Nagar, Amravati.  
Please publish the enquiry of above item on your website.
  3. Programmer, Govt. Polytechnic Yavatmal .Publish the enquiry of above item on the Institute website.
  4. Notice board Main building Govt. Polytechnic, Yavatmal.

**LIST OF CHEMICAL & SCIENCE LAB EQUIPMENTS.**

Sr. No.	Name of the equipments	Specification	Quantity Required	Estimated cost Per No.
1.	Heat Transfer in forced convection	1) Test Pipe- 32mm NB G.I. pipe long, heated by band heater, outer side. 2) Centrifugal blower to force air through test pipe with flow control valve. 3) Vatic 2A capacity to control heater input. 4) An orifice meter with differential water manometer. 5) Voltmeter and Ammeter to measure heater input. 6) Multichannel digital temperature indicator to measures various temperatures.	01	30575
2.	Thermal Conductivity of Metal rod	1) Metal bar 25mm dia, of adequate length, provide with 8 thermocouples along the length, Band heater at one end and water cooled heat sink at other end. Test length of bar is adequately insulated. 2) Instruments panel comprising of - a) Voltmeter - 1Mo., b) Ammeter - 1No. c) Dimmer 0-230V, 2A, capacity. d) Multi channel digital temp. Indicator. 3) Measuring flask and stop watch.	01	30200
3.	Heat Transfer Through Composite Wall	As per Heat Transfer curriculum of CH5G the equipment is needed to perform an experimentation to study heat transfer phenomenon through composite wall.	01	27800
4.	Heat transfer in natural convection	1) Pipe - Brass pipe 38mm dia. OD, 500mm long, fitted with cartridge heater inside. 2) Thermocouples are fitted along the length of pipe for temperature measurement -7nos. 3) Enclosure 200mm x 200mm x 800mm size, with one side of Perspex sheet.4) Measurements & Controls- a) A dimmer stat for heater input control. b) Voltmeter and Ammeter for heater input measurement c) Multi channel digital temperature indicator.	01	27650
5.	Batch Crystallizer	Crystallizer (Jacketed type): Material Stainless Steel, Cap. 2 Liters with conical bottom, Stirrer: FHP, variable Speed. Heater: Nichrome wire Heater. Cooling Water Tank: Material stainless Steel, capacity 30 Liters fitted with Pump. Flow Measurement: Rota meter for cooling Water. Pump: FHP, Receiving Tank: Material Stainless Steel, Capacity 2 Liters with SS sieve, Temp. Sensors: RTD PT-100 type, Control Panel comprises of digital temp. Indicator 0-199.9 deg C with multi channel switch and standard make on/off switch, mains indicator etc., The whole set up is well designed and arranged in a good quality painted structure.	01	84780
6.	Digital Total Dissolved	Range-0-1000 ppt in 5 ranges, Power supply:	01	8050

	Solid Meter	230V+/- 10% 50Hz AC with Cell k=1.0		
7.	Digital Nephloimeter	Accessories-Test set of 5 Accuracy $\pm 2\%FS \pm 1$ Digit. Dimension- 245x260x125mm Display $3\frac{1}{2}$ Digit 7 Segment LED Power-230Volt. $\pm 10\%AC, 50HZ, Range 0-200$ NTU.	01	9000
8.	Redwood Viscometer	Heavy Silver plated brass -oil cup with precision stainless still jet assembled in chromium plated bath fitted with heating tube and cup assembly, Silver plated ball valve, spirit level and cover thermometer clip and receiver of capacity of 50ml.	01	11500
9.	Copper Voltmeter	Made up of glass container of capacity 01 Liter Ebonite lid cover along with 02 copper Plate electrode.	01	1500
10.	Digital Battery Eliminator	0-5 Volts.0-2Amp.D.C. Regulator power supply.	01	1755

  
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