



शासकीय अभियांत्रिकी महाविद्यालय,  
छत्रपती संभाजीनगर

महाराष्ट्र शासनाची स्वायत्त संस्था  
रोड नं. ३२, जमानपुडा, छत्रपती संभाजीनगर, महाराष्ट्र  
In Pursuit of Technical Excellence

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जाक: शासकीय/यंत्रविभाग भांडार/२०२३/३५६१

दि 30.11.2023

QUOTATION FORM

30 NOV 2023

To,

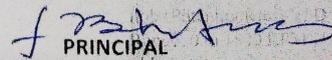
- 1- Institute Website
- 2- Notice Board
- 3- Original Copy

**Sub:-Quotation for Computerized two stage air compressor test rig**

Sir, You are requested to send your quotations on following conditions. in sealed envelope for the supply of the item listed herewith mention letter no & date of opening on the quotations on the envelope. Submit the same on or before Date: 11/12/2023

Sr.No	Name of item with Specifications	Qty
	<b>COMPUTERIZED TWO STAGE AIR COMPRESSOR TEST RIG</b> 1. Compressor Two stage two cylinder reciprocating compressor. Piston Displacement 8.9 CFM, Max Pressure : 12 kg/cm <sup>2</sup> , Tank Capacity : 150 Litter 2. Electrical Motor 3 H.P., 3phase, 440V, 50 Hz. With DOL Starter 3. Safety Guard for rotating parts to avoid accidental injury to the user when the parts are rotating 4. Control Panel At least MS CRCA 14 gauge control panel to house the digital indicators, switches, etc and wiring 5. Temperature measurement RTD with 6 point selector switch & Digital Temperature Indicator Range 0- 200 deg C ( 5 Nos) 6. Air intake measurement & Air flow transmitter Air drum with orifice. Range 0-250 mm WC. Type: DPT 7. Pressure Measurement Range : Negative side -1 kg/cm <sup>2</sup> to 0 kg/cm <sup>2</sup> , positive side Range: 0 kg/cm <sup>2</sup> to 15 kg/cm <sup>2</sup> 8. Compressor Speed Variation and Measurement Facility to vary speed from 0 to 1500 rpm infinite steps using a knob (Potentiometer) VFD may be used for motor speed, Proximity Type Sensor with 7 segment, 3.5 digit LED display. Range: 0 to 1500 RPM 9. Power Measurement Power transmitter to measure input power to the electrical motor. Suitable for above motor rating. Output: 4 to 20 ma 10. Manual Hard copy and CD copy of the self explanatory operating manuals with detailed theory as well as practical exercises. 11. Cylinder Pressure Measurement. High temperature cable and amplifier, Output: 0 to 10V d c Range: 0 to 15 bar. 12. Crank Angle make: Autonics, Range- 500 PPR with one ref. pulse, Resolution -1 degree 13. ADC/DAC interface 250 KS/s, Analog outputs, Digital Outputs, USB compatible 14. PC with following configuration. 8th gen Intel core i-5 8250 processor(6MB cache upto 3.4 GHz), 32 GB RAM, 1-TB Hard disk storage capacity, 4 GB Graphics card, Display: 15.6 inch FHD 1920*1080 Anti glare LED-Backlit, Tray load DVD drive (rewritable), ports: 3 USB, 1 HDMI port, card reader port, port for connecting mike & headsets and 1 VGA 15 pin port for connecting LCD projector, cabled optical mouse, 42 WHr battery and charger, wifi and bluetooth facility, Quick-heal antivirus software: Total security for at least one years validity. 15. Software SOFTWARE (ENGINE TEST BENCH) Lab View based Powerful software for real time data measurement, Auto Zoom graphs, Analog and Digital Display of data in the computer, store indefinite on of graphs for analysis. Facility to Export Data to HTML	01

\*(Required Quantity may be increased or decreased)

  
PRINCIPAL

GOVERNMENT COLLEGE OF ENGINEERING,  
CHATRAPATI SAMBAJINAGAR

Copy To:-1--Institute Website 2-Notice Board

Conditions of the quotations:- The rate should be quoted F.O.R. Chatrapati Sambhajnagar & along with packing forwarding freight etc. Charges

1. (A) The firm should be registered as per BST/CST/GST Act.
  2. The rate quoted should be valid for minimum Six Month from the date of opening of the quotation.
  3. If supply order placed with you, The goods Delivery period should be maximum two weeks from receipt of supply order, otherwise you should be very clearly mentioned the delivery Period in your quotation.
  4. Your items should be quoted to our serial number only.
  5. The rate should be quoted as per our specification otherwise your items having specifications are different from those of ours should not be quoted. But the rates of your items having nearest specification should be quoted. Minimum packing size may be mentioned if required.
  6. The leaflets like illustrated, descriptive technical literature which will give the information about the item such as more specifications, make, type, pictorial view, name of manufacturer, origin of the company etc. should be specified with the quotation of the relevant full information should be mentioned clearly.
  7. The samples should be supplied if required.
  8. The undersigned Reserve the right not to consider or the quotation in absence of the convincing, satisfactory information about the item.
  9. In case of machinery, equipment, Apparatus instrument etc. the operating instructions and maintenance manual, demonstration etc may be required before finalizing the order for supply of the items
  10. The undersigned Reserve the right without giving any reason (a) to reject the quotation in part of full (b) to extend the date of opening the quotation and (c) to cancel the quotation in part or in full
  11. If the quotation is accepted the items should be supplied to the institute on or before the stipulated period or within the period decided by mutual consultation otherwise the order for supply of the items to the store shall be treated as cancel unless the extension for delivery period is agreed to by the undersigned
  12. If the items Delivered late without prior approval from the undersigned a sum equivalent to the half percent per week or part thereof of the net cost of the late delivered item beyond the stipulated period will be deducted from the bill
  13. The bill in the triplicate of the items supplied should be sent directly to the undersigned by hand delivery or by registered post account due.
  14. Damaged, deficient, not in accordance with the accepted specifications and unsatisfactory items will have to be collected by the supplier at the cost and risk or the appropriate cost for such shortcomings may be deducted from the bill by mutual Consultation.
  15. The stores should be insured with the government insurance fund, Mantralaya Mumbai for transit risk. The premium theory of may be paid by the supplier and the same may be charged in the bill separately
  16. The payment of the bill will be released only after the delivery of the stores at the office in good condition and subject to inspection, testing and satisfactory compliance in accordance to the specifications as decided i.e. only after final acceptance of the goods.
  17. You should be able to furnish the necessary Income Tax certificates as and when request by us.
  18. Every effort will be made to release the payment as early as possible. However the payment of Bill received at this office on or after 10th March is liable to be orderly delayed.
  19. The document required to be submitted with the quotation should be STRICTLY in the order As given in the part A Below, otherwise the tender maybe get rejected also the documents should be serially numbered and initialled.
    - Installation and free working trial is to be given to the consignee at their site.
    - WARRANTY SHOULD BE FOR MINIMUM 1 YEAR OR PERIOD PRESCRIBED IN THE TENDER FORM for machine as well as its accessories
    - Free training for operation and preventive and breakdown maintenance of the equipment is to be arranged by the supplier/ manufacturer immediately after delivery to minimum of two staff members of the institute.
  20. The supplier should send their quotation in two separate envelopes.
    - Envelope 1: Containing letter of authorized dealership of product/ Manufacturer letter, specification without rate, GST, CST, PAN no.
    - Envelope 2: Specification with rate.
- The specification provided in the tender should match at least up to 80 % of your actual specifications.
20. The committee will decide the validity of quotation based on maximum matching specification.