

RAJAGIRI SCHOOL OF ENGINEERING & TECHNOLOGY,
RAJAGIRI VALLEY P.O., KOCHI 682 039

Ref:RSET/2420

Date: 30/9/2014

Notice inviting quotation for Mechanical System Lab Equipments

Competitive quotations are invited for the supply of Mechanical System Lab Equipments to our campus. The quotation along with catalogs, specifications, details of test can be performed, and one photograph able to show the over all size and perfection of equipment should reach the undersigned on or before 15/10/14. The warranty period, all taxes, insurances and transportation charge to our campus must be mentioned clearly in your quotation to avoid rejection.

List of experiments

1. Test on reciprocating air compressor
2. Tests on blowers and rotary compressors
3. Free vibration analysis
4. Forced vibration analysis
5. Balancing of reciprocating and revolving masses
6. Assembling of mechanical systems
7. Test on refrigeration equipment
8. Test on air conditioning unit
9. Determination of thermal conductivity of conducting and insulating materials
10. Determination of emissivity of surfaces
11. Heat flow through lagged pipes
12. Heat flow through composite walls
13. Determination of overall heat transfer coefficient of heat exchangers
14. Free convection
15. Forced convection
16. Stefan-Boltzmann apparatus
17. Universal governor apparatus
18. Whirling of shafts
19. Gyroscope
20. Friction in hydrodynamic bearings
21. Heat pipe
22. Vortex tube
23. Critical heat flux

TERMS AND CONDITIONS:

- Price : F.O.R. at Rajagiri School of Engineering & Technology, Rajagiri Valley, Kakkanad. Kochi
Inclusive of packing, forwarding and freight charges. All Taxes and Excise duty
Should be mentioned.
- Specifications : The specifications and experimental capabilities should be mentioned clearly.
- Payment : 100% within two days after installation & commissioning.**
- Delivery : 10 Weeks from the date of purchase order.
- Guarantee : All the equipments should be guaranteed for a period of one year from the
Date of commissioning.

FOR RAJAGIRI SCHOOL OF ENGINEERING & TEHNOLOGY

DIRECTOR

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