

GOVT. COLLEGE OF ENGINEERING AND RESEARCH, AWASARI

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No. GCOEARA/Store/2015-16/ 368-B

Date: 02 FEB 2016

To,
HOD- Computer Engineering for display on College Website

Subject : Quotation for supply Equipments (for Mechanical Engineering)

Please send your quotation for the following items on the terms and conditions listed below, mentioning our reference letter number, date and due date of quotation on your sealed envelop, on or before **09.02.2016** at 11.00 A.M.

Sr.No.	Specification	Qty.	Unit
Equipments for Engineering Metallurgy Lab			
1	Magnetic particle and dye penetration test	1	No.
2	Abrasive cut off machine	1	No.
3	Mounting machine	1	No.
4	Air gun	1	No.
5	Charts	10	No.
Equipments for Strength of Material Lab			
1	Charpy izod test (impact test equipment)	1	No.
2	Torsion testing machine for circular bar	1	No.
3	Charts	10	No.
Equipments for Strength of Material Lab			
1	Shock absorber test rig		
Equipments for Fluid Mechanics and Turbo Machine Lab			
1	Heleshaw apparatus	1	No.
2	Charts	10	No.
Equipments for Metrology and Quality Control Lab			
1	Surface Roughness Tester	1	No.
2	Charts	10	No.
(Detail scope of supply will be as per enclosed sheet)			

Terms & Conditions

- 1 Taxes – Inclusive / if extra clearly mention the percentage.
- 2 Delivery period –
- 3 Payment Terms –
- 4 Quotation Validity –
- 5 Warranty -
- 6 Guaranty-
- 7 Delivery Charges – Free / if extra mention clearly.
- 8 The part supply and its bill will strictly not be entertained.
- 9 If you fail to supply the stores within the specified period, the order will be treated at cancelled without any information.
- 10 The material will be accepted subject at approval(after inspection of the material),if rejected it will be returned to you at your cost.
- 11 The material to be supplied should be strictly according to the specification only.
- 12 Octroi is not applicable since Institute is located in Gram Panchayat area.
- 13 Please attach copy of your shop registration certificate alongwith your quotation, without which your quotation will not be accepted.

(Prof. S.V. Joshi)


I/c Principal

Govt.College of Engineering & Research Awasari
Awasari(khurd)

Equipment list with detail specifications for Semester- (Session 2015-16)

Engg. Metallurgy lab

Sr. No.	Name of the Equipment	Specifications	Qty
1	Magnetic particle and dye penetration test	<ul style="list-style-type: none"> • With AC/ HWDC 1500 Amp. • MODEL :- MAGNOMASTER (MCD 1500 Amps) • Suitable for Universal (Multidirectional) use. • The equipment supplied with followings. • PROD FOR MAG. cable 95Sqmm...2 nos. • Inspection facility – dry powder for day light inspection. • Standards (ASTM) & DRY POWDER 500GMS. • U. V. arrangement for BLACK light Inspection 	01
2	Abrasive Cut off Machine	<ul style="list-style-type: none"> • Max. Cutting diameter • Standard sand wheel diameter • Speed motor standard 3 phase RPM • With full cover mask in its base. • Rigid and sturdy construction 	01
3	Mounting Machine	<ul style="list-style-type: none"> • Corrosion resistant steel Cabinet • Pneumatic operation System • Digital Temperature Indicator and digital timer • Quick Ram return to speed up reloading • 1500 Watts mould Heater • Dovetail slot for easy changeability of Mould Assemblies • Water Cooling System (manual) • Timer-Buzzer indication for heating and cooling cycles • Wide range of sample sizes can be accommodated • Provision to accommodate 1 ½" & 2" Mould Sizes • 1 ¼" comes with the machine as a standard • Power Supply: 230V / 50Hz (1+N+E)Size: 580x620 x 590mm 	01
	Air Gun	<ul style="list-style-type: none"> • Standard specification 	01
5	Charts	<p>(Rolling for all subjects) Both side plastic laminated. Size 600X900mm. Effective colour Coding. Good quality .</p> <ul style="list-style-type: none"> • Durable and Excellent out look 	10
Total :			


 Assistant Professor Mechanical Engg.
 Govt. College of Engg. & Research,
 Avasari Khurd, Dist. Puna.



Strength of Material lab

Sr. No.	Name of the Equipment	Specifications	Qty
1	Charpy izod test(Impact test Equipment)	<ul style="list-style-type: none"> • Large rectangular dial, • Suitable for testing plastics, composites and polymers. • Calibrated in izod scale. • Pendulum drop angle: 140° • Pendulum effective weight: 21.400 KG • Striking velocity of pendulum: 5.3466m/sec • Pendulum impact energy: 300J • Min scale graduation: 2J / 1J • Max. permissible loss by friction and windage: 0.50% of impact energy 	01
	Torsion testing machine for circular bar	<ul style="list-style-type: none"> • Max. torque: 60 Nm • Torque ranges: 30 & 60 Nm • Divisions on dial: 500 • Torsion speed: 0.5 RPM • Grip clearance: 0 – 400mm • Grip for round specimen: 2 – 4 mm • Grips for flat specimen: 25 mm • Power: 415v, 3ph, 0.5Kw 	01
3	Charts	(Rolling for all subjects) Both side plastic laminated. Size 600X900mm. Effective colour Coding. Good quality . <ul style="list-style-type: none"> • Durable and Excellent out look 	10
Total :			

Prakash
02/02/16

DMC
21/2/2016

**Assistant Professor Mechanical Engg.
Govt. College of Engg. & Research,
Avasari Khurd, Dist. Pune.**

Theory of machine & Dynamics of Machinery lab

Sr. No.	Name of the Equipment	Specifications	Qty
1	Shock absorber test rig	<ul style="list-style-type: none"> This apparatus consists of sturdy structure with Floating platform assembly and with damper and load cell clamping arrangement. Two sets of test spring having different stiffness values. Four different types of Shock Absorbers (dampers) with end fitting adaptors. D.C.variable speed motor standard H.P RPM with double shaft extensions. Two identical eccentrics are fitted on the motor for uniformity of vibrations. Control Panel comprises of Digital Load Indicator with two Load Cells connected in series & with Digital RPM Indicator Motor speed variator / regulator. 	01
Total :			

Fluid Mechanics and Turbo Machnie lab

Sr. No.	Name of the Equipment	Specifications	Qty
1	Heleshaw apparatus	<ul style="list-style-type: none"> Two acrylic sheets(transparent) size: 14" x 10" Gap between sheet: 2mm Water collecting chamber: ½ liter Different shapes of acrylic plates: Annular foil, triangular, square, circle, rectangle, etc. Thickness of plates of shapes: 2mm Drain valve: 3/8 mm 	01
2	Charts	(Rolling for all subjects) Both side plastic laminated. Size 600X900mm. Effective colour Coding. Good quality. Durable and Excellent out look	20
Total :			

[Signature]
2/2/2016

[Signature]
2/2/2016

Metrology and Quality Control lab

Sr. No.	Name of the Equipment	Specifications	Qty
1	Surface Roughness Tester.	<ul style="list-style-type: none">• Range-17.5 mm.• Cut off-1234 upto 10 mm, arbitrary length.• With LCD display, carrying case,• surface specimen, std. detector, instruction manual etc.	01
2	Charts	(Rolling for all subjects) Both side plastic laminated. Size 600X900mm. Effective colour Coding. Good quality. Durable and Excellent out look	10
Total :			

Sanjay
02/02/16

Sanjay
2/2/2016

Assistant Professor Mechanical Engg.
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