



Mahatma Basweshwar Education Society's

M.S. BIDVE ENGINEERING COLLEGE

(Approved by AICTE, New Delhi & DTE, Mumbai, Affiliated to S.R.T. Marathwada University, Nanded)

P. O. Box No. 112, Barshi Road, LATUR - 413 531 (Maharashtra)

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Ref.No: MSBECL/Office/2021-22/409

Prof. B.V. Dharne

M.E.Mech.(Cad/cam)

Principal

Date : Date : 19.01.2022

To,

The Company/Supplier,

Subject: Requesting a quotation for various equipment needed in the Mechanical Engineering Department's labs.

M.S. Bidve Engineering College, Latur, is seeking sealed quotations from reputable companies/supply agencies for the procurement of equipment for the Mechanical Engineering department's various labs. The interested company/supplier/agency must submit their estimates in a sealed envelope to the college address or through email on or before 1/02/2022. The names and quantities of the equipment are listed in the list attached below.

Principal



1) TOM Lab Equipments

Sr.No.	Description of Required Items	Qty
1	Universal governor apparatus	1
2	Motorised Gyroscope	1
3	Vibration Lab on Three frames	1
4	Experimental determination of velocity And acceleration of Hooke's joint	1

2) Metallurgy Lab Equipments

Sr.No.	Description of Required Items	Qty
1	Magnaflux Test	1
2	Dye Penetrant Test	1
3	Spark Test	1
4	Jominy End Quench Test	1

3) Machine shop (workshop) Equipments

Sr.No.	Description of Required Items	Qty
1	Vertical drilling machine (mild steel 38 mm)	1
2	All geared Lathe machine (4 feet bed length, centre height 9 inch,gap belt)	1

4) Welding & Fitting shop (workshop) Equipments

Sr.No.	Description of Required Items	Qty
1	7" - 6 pieces Bench vice	6
2	10"-12 pieces metal jack planes	12
3	Tig welding set	1
4	Mig welding set	1
5	Spot welding machine	1

5) Mechatronics Lab Equipments

Sr.No.	Description of Required Items	Qty
1	study and demonstration of various types of sensors	1
2	Pneumatic trainer kit	1
3	Electro-Pneumatic trainer kit	1
4	Hydraulic trainer kit	1
5	Programming on PLC	1
6	Demonstration of process control such as temp, level & flow. Using PID controller	1



6) ETD Lab Equipments

Sr.No.	Description of Required Items	Qty
1	Separating Calorimeter	1
2	Exhaust Gas Analyser	1
3	Centrifugal Blower	1
4	Convergent/Divergent Type Nozzle	1

7) Fluid mechanics Lab Equipments

Sr.No.	Description of Required Items	Qty
1	Heleshaw apparatus	1
2	Bernoulli's theorem apparatus	1
3	Reynolds's apparatus	1
4	Pipe friction apparatus –	1
5	Losses in pipes-	1
6	Impact of jet-	1
7	Metacentric height of ship model	1
8	Pressure measurement Apparatus	1

8) ICE Lab Equipments

Sr.No.	Description of Required Items	Qty
1	Computerized 4- Stroke 4- Cylinder Petrol Engine Test Rig	1

College address & email ID:

Principal,

M.S.Bidve Engineering College,

P.O. Box No.112, Barshi Road,

Latur.413512

Maharashtra.

Email:principal@msbecl.ac.in

Website:web.msbecl.ac.in.

Principal

Ho Principal
M.S.Bidve Engineering College,
Latur