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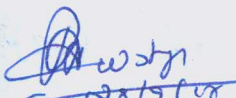
Sub:- Purchase of equipment for Material testing lab-Reg:-

The following equipments are urgently required for the Material testing lab. Kindly make necessary arrangements for the purchase of the same. The specification and the approximate cost of the items are presented below.

SL.No.	ITEM AND SPECIFICATION	QUANTITY
1	ROCKWELL HARDNESS TESTING MACHINE 60,100, 150 Kgf, Initial Load : 10Kgf, Depth of Throat : 130mm, Maximum depth of elevating screw below base : 260mm, Max. test Height : 225mm, Size of base : 165 x 425mm, Machine Height : 650mm, Net Weight : 65kg	One
2	VICKERS HARDNESS TESTING MACHINE specifications - Vickers hardness tester 1. Test load - 0-50 kgf 2. Magnification of optical Measurement device - minimum 70 x 3. Max. test height – At least 230 mm 4. Scale least count - 0.001mm 5. Depth of Throat – 135 mm 6. Machine Dimension – L 460 x W 225 x H 860 mm 7. Weight (Approx) – 70 Kg 8. Dwell Time – 0-30 + 2 Sec. adjustable 9. Supply phase -220 V, single phase 10. Accessories i. Standard test block ii. Diamond penetrator iii. Weights iv. Flat anvil v. V-type anvil vi. Tool kit	One
3	" TORSION TESTING MACHINE CAPACITY 10 KGM Max. Capacity - Nm – 100; Torque Range - Kgf Cm - 200, 500, 1000; Divisions On Dial - NOS. – 500; Test Speed - RPM - .5; Maximum clearance Between Grips -400mm; Power- 400-440 V.50hz. 3 Phase; True Chuck for Clamping Various Sizes of Specimen."	One
	Total	


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