

No: CCCT/Notice/2021/02, Dated: 10.02.2021

Scheme Code: DME-1

LIST OF ITEMS

SL NO	MACHINE DESCRIPTION	QUANTITY	LAB	SPECIFICATION
1	Atul Machine tools Mechanical Cylindrical Grinding Machine	1	MACHINE SHOP – I	Range of Table Feed Per Minute:65 mm, 140 mm, 200 mm, 215 mm, 430 mm, 635 mm,Maximum Table Swivel:5 Degree C,Workhead Swivel on Either Slide:45 Degree C,Workhead Spindle Speed:3,Workhead Spindle Speed Range:65 RPM, 9 6RPM, 132RPM,Workhead Motor:0.37 kW/0.5 hp,Taper In Workhead Spindle:MT-4,Transverse Movement of Wheel Head:125mm,Size of Grinding Wheel:400 x 25 x 127 mm,Rpm of Grinding Wheel:1550 RPM,Wheel Head Motor:2.2 kW/3hp
2	Lathe	1	MACHINE SHOP – I	Height of Center(mm)=300, Width of Bed(mm)=375, Max Swing over bed (mm)=600,Max Swing over Slide (mm)=400,Nose=6TPI,Speed 8 (RPM)=30 to 475 with Accessories
3	BFW Knee-Type Milling Machines - VF1	1	MACHINE SHOP – I	Overall Size (1245 X 230) mm,Clamping (1000 X 230) mm,T Slot/ width/CD: Nos/mm/mm (3/14/45),Longitudinal Movement :Automatic 560 mm,Manual 1230 mm,Longitudinal Movement :Automatic 320 mm,Manual 350 mm
4	Vertical Drilling Machine	1	MACHINE SHOP – I	Drilling Capacity= 20mm, Piller Dia=75mm,Spindle Nose=MT2,Spindle Travel=125mm,No of Spindle Speed=8,Spindle Speed (RPM)=87-3200,Table Size(mm)=280 x 280Main Motor Power=1HP with Accessories
5	Bench Vice	30	MACHINE SHOP – I	Width=80mm ,Made by tough cast iron material
6	Bench	5	MACHINE SHOP – I	12'x 4' strong wooden bench for fixing bench vice

7	Radius Gauge	5	MACHINE SHOP – I	Accuracy:0.1R ~ 3.0R (± 0.03mm) 3.25R ~ 23.0R (± 0.04mm) 24.0R ~ 30.0R (± 0.05mm) 31.0R ~ 50.0R (± 0.08mm)
8	Height gauge	2	MACHINE SHOP – I	Range-30mm
9	Universal Bevel Protector	2	MACHINE SHOP – I	Graduation:5min.(0°- 90°- 0°),Accuracy Vernier:±5',Straightness [.00016"+(.00005xL/2)]",Parallelism [.00016"+(.00005xL/2)]",L = Length in inch,Diameter: 2.56" / 70mm
10	Surface Table	2	MACHINE SHOP – I	size-30mm×30mm