

MODEL ENGINEERING COLLEGE
THRIKKAKA, COCHIN-21
PH:2577379,2575370

Ref no.A2/3661/18/MEC
Tender No.4/2018-19/MEC

dtd 26.11.2018

TENDER shedule

Sealed tenders in the prescribed format are invited for the purchase of “Mechanical Tools and Equipments” for Mechanical department of this institution under Plan fund 2018-19.

- 1.Last date and time of sale of tender form:12/12/2018 10 am
- 2.Last Date & Time of Reciept of Tender: 12/12/2018 11 am
- 3.Date & Time of Opening of Tender:12/12/2018 2.30 P M

Cost of Tender Form:

Original : 400 + 18% GST

Duplicate :200 + 18% GST

Tender form and details can be had from Model Engineering College,Thrikkakara. Mode of remittance by Cash payment at College Office.Those who apply for tender form by post should remit additional amount of Rs.50/- as postal charges.Agreement in stamp paper worth Rs.200/- to accompany tender.EMD 1% of quoted amount. Further details available at www.mec.ac.in/ Tenders.

PRINCIPAL

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Specification of Mechanical Tools and Equipments

Sl. No.	Item	Specifications	Quantity
1.	Benchwise Heavy Duty(Swivel Base)	Double ribbed with Large anvil & Malleable Cast Nut.Size 125mm, Width of Jaws 125mm, Opening of Jaws135mm, Depth of Jaws 85mm, Semi Steel unbreakablebody & Jaws Alloy Steel Seratted fitted with L-KeyBolts, Double anvil corner to corner square beam,heavy Horn for more opening, Thrust System in back	1
2.	BENCH VICE-HEAVY DUTY(Fixed Base)	Double Ribbed with large anvil & Heavy Horn. Size125mm, Width of Jaws-125mm, Opening of Jaws-135mm, Depth of Jaws-85mm. Semi Steel unbreakable body & Jaws Alloy Steel Serrated fitted with L-Key bolts,Double anvil corner to corner square beam, heavy Horn for more opening, Thrust System in back.	4
3.	Wood Working Vice	Size 225mm, Heavy Duty, Opening of Jaws - 330mm,square body seating, body and sliding jaw should have provisions for attaching wooden liners to protect the vice, work piece and working tools. Vice jaws should be equipped with a "TOE-IN" feature.	5
4	Machinist Flat file	Rough - Size-10", Width-25MM, Thickness-5.80MM	12
5	Flat file	Smooth - Size-10", Width-25MM, Thickness-5.80MM	12
6	Flat file	Fine - Size-10", Width-25MM, Thickness-5.80MM	12
7	Vernier height gauge	standard ruler 0-300mm, Height - 525 mm, Range:0-12 inch, Accuracy: $\pm 0,04$ mm/0.002", Fine	1

		adjustment:7 4 mm/0.16", Graduation: 0.001mm/0.02 mm, Analog,Inch-Metric: Inch/Metric, Satin chrome finished main and vernier scales.	
8	Angle grinder	Disc Diameter: 125 mm, No Load Speed: 11000 rpm,Power: 900 W, Spindle: M14, Warranty: 1 Year Warranty	1
9	Hand drilling machine	Length- 2.4mm, Height - 203 mm, Max Torque - 22Nm,Power Input- 720W, No Load Speed 0-3000rpm, Chuck Capacity 1.5-13mm, Beats per Minute 0-54000 bpm,Hammer action for drilling into brick and masonry.Drilling Capacity (wood) - 32mm, Drilling Capacity (metal) - 13mm, Drilling Capacity (Masonry) - 16mm	1
10	Circular saw	blade diameter 185mm, Min Power 1500 watts, Bevel Capacity – 45 degrees, Length 300mm, Cutting depth at 45 degrees and 90 degrees are 46m and 92mm respectively, spindle lock should be available, Warranty– 1 year	1
11	Wooden Handle	for Flat Files	36

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