

TENDER- 1/2017-18

PACKAGE-1 A

NAME OF BRANCH:- PLASTIC MOULD TECH
NAME OF LAB: PLASTIC PROCESSING LAB

S. No	Equipment Description	QUANTITY/UNIT REQUIRED	BID RATES OF EQUIPMENT PER UNIT(Rs.)	APPLICABLE RELEVANT TAXES PER UNIT(Rs.)	TOTAL COST OF EQUIPMENT PER UNIT(Rs.)
1	Semi automatic blow moulding m/c :Machine type -Semi automatic ,Blowing pressure -30kg/cm ² , Locking force-25 ton, Mould thickness-175mm-250mm, Opening stroke-250mm, Rods-445mm, Total weight -Approx 1500kg, Production-600-800BPH (1 Ltr water bottle -2 cavity) CONTAINER SPECIFICATION - Max product height 350mm, neck size 20-40mm double cavity upto 120 mm single cavity, Max product dia 130mm double cavity 200 mm single cavity , Utility requirement for 1.0 ltr water bottle @ 800BPH , Compressed air Control 7CFM @ 8 bar blowing 22 CFM@30kg/cm ² , Water 50 LPM @ 2to 4 bar 25°, Power Total connect load 12 KW (without utilities)(approx) along with all other allied accessories and operating manual.	2			
2	Automatic compression moulding m/c (30 ton), Platen size 300X300mm , Heating of platen by electrical heaters, 1 daylight of 10" , max platen temperature 400°C along with all other allied accessories and operating manual.	2			
3	Vacuum forming m/c : (smallest size)single chamber , forming area 600x600 , maximum speed 20 cycle/minute /for hips dimension for control panel lwxh 32"x16"x50" , pid panel dimension for machine lwxh 92"x80"x65" , approx weight 1000 kgs , roll size (width only) max:638mm , min:300mm , maximum draw 100 mm , sheet thickness 0.12mm to 0.90 mm for hips and pvc material which can be used hips ,pvc ,pete electrical load 12 kw motor 3 phase 1 hp with operating manual.	1			
4	Extruder m/c 30 mm screw dia , L/D Ratio 25:1 , Motor power 7.5 KW, output 50-100kg per hour, dry motor AC ,SACM 645 Alloy steel nitrided treatment surface hardness HRC 60 , Water cooling of screw, Screw speed 42 RPM, Die material carbon steel with hard chrome, along with all other allied accessories and operating manual.	2			
5	Gravure Printing m/c - Max web width 800/1000/120 mm, max operating speed 150/200 meters per minute, Print repeat range 314 to 900 mm, Printing materials- Foil- paper-Polyster, BOPP ,PP, PVC, LDPE, Drying source- Electrical/thermic fluid/Gas, dryer- close type single side drying oven , Dimension of printing station-600 X3200x65mm, Registration longitudinal- motorised ball screw, lateral : Automatic registration control system, 7 drive with turret , Ink circulation system, Auto splicing, PLC based function. along with all other allied accessories and operating manual.	2			

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FULL SIGNATURE OF BIDDER WITH SEAL