

Details to be included in the procurement:

The cost should include the equipment provision in Ghana and training (could be online).

Table 1. Injection Molding Machine Specifications

Equipment	Injection molding machine
Injection weight	50-250 g
Plastic types	ABS, HIPS, ABS/PC, PET, HDPE, PVC, LDPE, PP Additional: PUR, PA, PPO, PMMA, PC
Flake size	6-10 mm
Barrel temperature control	PID for control temperature up to 400°C in 2-4 heating zones
Specific Injection Pressure	50-150 MPa *
Screw Back Pressure	5-15 MPa
Capacity	≥2 kg/h
Heating power	1,5-3 kW
Insulation	Fiberglass
Power supply	AC 220-240V and 50 Hz (Ghana)
Injection molds	Including 3-5 molds
Objective	Inject test specimens or small commercialized products according to the injection weight

*Important key parameter specially to inject ABS due to its viscosity, it could be a different value as long as all the materials can be injected.