

Specifications of Equipment for Tender Bid cum Quotation

Name of Equipment/ Assembly	Thickness Gauge
Related Standards to be accorded	IS 14716, IS 6359, ASTM D5199, ISO 9863
Features/capabilities /Specifications	<ul style="list-style-type: none"> • Mechanism to apply desired foot pressures as 2kPa, 20 kPa, 200 kPa. • Pressure foots of sizes 6.35 mm, 10 mm and 56.4 mm • Cutting dies having diameter of 20 mm, 50 mm, 75 mm and 100 mm • If required, different loading system(s) may be supplied to suffice the mentioned pressure. • Digital dial gauge(s) with 0.001 mm least count and 25 mm travel length • Humidity and temperature control chamber to condition the test specimen, having temperature range from 10 °C to 55 °c and 10 to 95 percent relative humidity [Tolerance limits for temperature and relative humidity shall be ± 2 °C and ± 2 percent respectively] • Humidifier to maintain 10 to 95 percent relative humidity in room for 10 m² area with automatic cut-off facility. • Battery operated digital weighing balance with a capacity of 200 gm and least count of 0.0001 gm with NABL calibration certificate.
Make	<ul style="list-style-type: none"> • Clear mention Make in the bid
Electrical Supply Requirement	<ul style="list-style-type: none"> • Electricity supply requirements (voltage and phase) shall be clearly mentioned • Mention in case of Requirement of UPS (Uninterrupted Power Supply) with capacity
Size and weight	<ul style="list-style-type: none"> • Mention area required for positioning of equipment. • Mention total weight of the equipment. • Mention specific requirement of foundation/pedestal for resting the equipment, if any. • Mentioned need of vibration isolated, if needed
Water and air supply requirements	<ul style="list-style-type: none"> • Mention the requirement to supply of compressed air, if any. • Mention the requirement and arrangement of water supply, if any.
Compatibility of parts	<ul style="list-style-type: none"> • In case of accessories from make differing to the make of equipment, compatibility shall be checked and certified by the bidder.
Calibration Certificates, technical manual and SOP	<ul style="list-style-type: none"> • The calibration certificates shall be provided with equipment and accessories. • Validity of calibration certificate for all devises shall not be less than one year. • Technical manual and Standard Operating Procedure document shall be provided.