

Specifications of Equipment for Tender Bid cum Quotation

Name of Equipment/ Assembly	Cross-plane Permeability Test Apparatus
Related Standards to be accorded	IS 14324, ASTM D4491, EN ISO 1105
Features/capabilities /Specifications	<ul style="list-style-type: none"> • Main working unit mounted on Table Top Bench with back support • Geo-textile specimen holder assembly between Upper & Lower unit • Inlet and outlet valves with non-corrosive pipe network • Constant head permeability test to be done at 50 mm water head. • Head differential measurement arrangement • Availability of observation for <ul style="list-style-type: none"> ○ Quantity of flow (in case of Constant Head Test) ○ Head change (In case of Falling Head Test)
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.