



## Requisition Form

Requisition Number: 1234/25/0223

Last Date for Submission: 26/01/2026

S.N.	SQU Product Code	Description	Qty	UOM	Remarks
1	false	Rotational Viscometer	1	Units	<p>Power Supply: 240–250V, 50/60Hz, single-phase  Durability: Corrosion-resistant spindle set with robust, enclosed motor design for continuous laboratory use  Warranty: 2 years  Country of Origin: USA / Europe / Japan / Korea  Technical Specifications:</p> <ul style="list-style-type: none"> <li>• Measurement range: 10 – 2,000,000 cP</li> <li>• Speed range: 0.1 – 200 rpm (variable, selectable)</li> <li>• Temperature range: Ambient to 200 °C (with integrated or external heating unit)</li> <li>• Display: Digital LCD showing torque, viscosity values, spindle speed, and temperature</li> <li>• Supplied with: Standard spindle set and sample holders</li> <li>• Conforms to: ASTM D4402 (viscosity of asphalt/bitumen at elevated temperatures)</li> </ul> <p>Accessories:</p> <ul style="list-style-type: none"> <li>• Temperature-Controlled Thermal Chamber Heater</li> <li>• Set of Spindles</li> <li>• Sample Chambers (Disposable &amp; Reusable)</li> <li>• Samples Rack</li> <li>• Samples Holder</li> </ul> <p>All operational accessories: Mandatory and must be included.</p> <p>-----</p> <p>The quotation must include the following details:</p> <ol style="list-style-type: none"> <li>1. Warranty period.</li> <li>2. Delivery period.</li> <li>3. Price List for the major spare parts.</li> <li>4. Cost of maintenance visit per day after the warranty period expires.</li> <li>5. Submission a copy of an Operation &amp; Service manuals at the installation time.</li> <li>6. Back up/spare parts support up to the 10th year.</li> <li>7. Details of any pre-installation requirements (attached with offer).</li> </ol>

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					<p>8. Manufacturing date certificate from the manufacturer.</p> <p>9. Delivery, Installation, commissioning &amp; on-site training to be done by the supplier.</p> <p>Note:</p> <ul style="list-style-type: none"> <li>- Bid evaluation criteria will be subjected to; Price, specifications, warranty period, fast delivery, known brand &amp; after-sales technical support.</li> <li>- Since this is a non-profit organization and the item to be used for educational purpose, a maximum discount should be given as far as possible</li> </ul>
2	EQUINSLAB0138	DIGITAL PENETROMETER	2	Nos	<p>Power Supply: 240–250V, 50/60Hz, single-phase</p> <p>Durability:</p> <ul style="list-style-type: none"> <li>• Penetrometer: Rust-proof base, hardened steel needle, robust magnetic release</li> <li>• Accessories: Stainless steel needles and cone with corrosion-resistant chrome finish</li> </ul> <p>Warranty: Penetrometer – 2 years</p> <p>Country of Origin: Europe / USA / Japan / Europe / Korea</p> <p>Technical Specifications:</p> <ul style="list-style-type: none"> <li>• Penetrometer Unit: <ul style="list-style-type: none"> <li>o Conforms to ASTM D5, AASHTO T49 and BS 1377 standards</li> <li>o Penetration range: 0–60 mm (0–600 penetration units)</li> <li>o Digital readout with 0.01 mm resolution</li> <li>o Programmable electronic timer: 0.1 to 99.9 sec</li> <li>o Magnetic release for consistent needle drop</li> </ul> </li> <li>Accessories: <ul style="list-style-type: none"> <li>o 2x Standard penetration needle confirming ASTM D5 and AASHTO T49</li> <li>o 2x Penetration Test Cone of angle 30° and 35 mm long confirming BS 1377</li> <li>o 2x Sample Cup (Aluminum): 55x40 mm confirming BS 1377</li> <li>o 4x Sample Cup (Brass): 55x35 mm Confirming to ASTM D5 and AASHTO T49</li> <li>o Transfer Dish Confirming to ASTM D5 &amp; AASHTO T49</li> <li>o 2x Standard weights: 50 g, 100 g, 150 g</li> <li>o 2x Electromagnetic Device with Control (Timing Device)</li> </ul> </li> </ul> <p>All operational accessories: Mandatory and must be included.</p> <p>-----</p> <p>The quotation must include the following details:</p> <ol style="list-style-type: none"> <li>1. Warranty period.</li> </ol>

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					<p>2. Delivery period.</p> <p>3. Price List for the major spare parts.</p> <p>4. Cost of maintenance visit per day after the warranty period expires.</p> <p>5. Submission a copy of an Operation &amp; Service manuals at the installation time.</p> <p>6. Back up/spare parts support up to the 10th year.</p> <p>7. Details of any pre-installation requirements (attached with offer).</p> <p>8. Manufacturing date certificate from the manufacturer.</p> <p>9. Delivery, Installation, commissioning &amp; on-site training to be done by the supplier.</p> <p>Note:</p> <ul style="list-style-type: none"> <li>- Bid evaluation criteria will be subjected to; Price, specifications, warranty period, fast delivery, known brand &amp; after-sales technical support.</li> <li>- Since this is a non-profit organization and the item to be used for educational purpose, a maximum discount should be given as far as possible.</li> </ul>
3	EQUINSUNI0039	DIGITAL BALANCE	2	Nos	<p>Power Supply: 240–250V, 50/60Hz</p> <p>Durability: Robust stainless-steel pan with anti-static coating; corrosion- and dust-resistant housing; designed for heavy-duty laboratory use</p> <p>Warranty: 2 years</p> <p>Country of Origin: Europe / USA / Japan / Korea</p> <p>Technical Specifications:</p> <ul style="list-style-type: none"> <li>• Capacity: 20–30 kg</li> <li>• Readability (accuracy): 0.1 mg (0.0001 g) Or Closer</li> <li>• Repeatability: ±0.1 mg</li> <li>• Linearity: ±0.2 mg</li> <li>• Pan size: Large stainless-steel weighing platform (~300 mmx400mm)</li> <li>• Calibration: Automatic internal calibration with external weight support</li> <li>• Display: Backlit digital LCD/LED showing weight, unit conversion, and stability indicator</li> </ul> <p>All operational accessories: Mandatory and must be included.</p> <p>-----</p> <p>The quotation must include the following details:</p> <ol style="list-style-type: none"> <li>1. Warranty period.</li> <li>2. Delivery period.</li> <li>3. Price List for the major spare parts.</li> <li>4. Cost of maintenance visit per day after the warranty period expires.</li> </ol>

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					<p>5. Submission a copy of an Operation &amp; Service manuals at the installation time.</p> <p>6. Back up/spare parts support up to the 10th year.</p> <p>7. Details of any pre-installation requirements (attached with offer).</p> <p>8. Manufacturing date certificate from the manufacturer.</p> <p>9. Delivery, Installation, commissioning &amp; on-site training to be done by the supplier.</p> <p>Note:</p> <ul style="list-style-type: none"> <li>- Bid evaluation criteria will be subjected to; Price, specifications, warranty period, fast delivery, known brand &amp; after-sales technical support.</li> <li>- Since this is a non-profit organization and the item to be used for educational purpose, a maximum discount should be given as far as possible.</li> </ul>
4	EQUINSMET0031	DO METER	2	Nos	<p>Power Supply: 240–250V, 50/60Hz (bench-top model) or battery-operated (portable model)</p> <p>Durability: Corrosion-proof</p> <p>DO sensor with waterproof housing; designed for field and laboratory use</p> <p>Warranty: 2 years</p> <p>Country of Origin: Europe / USA / Japan</p> <p>Technical Specifications:</p> <ul style="list-style-type: none"> <li>• Measurement range: 0–20 mg/L (ppm)</li> <li>• Accuracy: ±0.2 mg/L</li> <li>• Temperature compensation: 0–45 °C, automatic</li> <li>• Display: Digital LCD screen with auto-calibration and stability indicator</li> <li>• Electrode type: Galvanic or polarographic (depending on model)</li> <li>• Data: Memory storage and optional USB/RS232 output (bench-top models)</li> </ul> <p>Applications:</p> <ul style="list-style-type: none"> <li>• Water and wastewater quality monitoring</li> <li>• Soil–water interaction studies</li> <li>• Environmental testing and research projects in civil engineering</li> </ul> <p>All operational accessories: Mandatory and must be included.</p> <p>-----</p> <p>The quotation must include the following details:</p> <ol style="list-style-type: none"> <li>1. Warranty period.</li> <li>2. Delivery period.</li> <li>3. Price List for the major spare parts.</li> <li>4. Cost of maintenance visit</li> </ol>

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					<p>per day after the warranty period expires.</p> <p>5. Submission a copy of an Operation &amp; Service manuals at the installation time.</p> <p>6. Back up/spare parts support up to the 10th year.</p> <p>7. Details of any pre-installation requirements (attached with offer).</p> <p>8. Manufacturing date certificate from the manufacturer.</p> <p>9. Delivery, Installation, commissioning &amp; on-site training to be done by the supplier.</p> <p>Note:</p> <ul style="list-style-type: none"> <li>- Bid evaluation criteria will be subjected to; Price, specifications, warranty period, fast delivery, known brand &amp; after-sales technical support.</li> <li>- Since this is a non-profit organization and the item to be used for educational purpose, a maximum discount should be given as far as possible.</li> </ul>
5	EQUINSMED0093	PH METER	2	Nos	<p>Power Supply: 240–250V, 50/60Hz (bench-top unit, with rechargeable/battery backup option)</p> <p>Durability:</p> <ul style="list-style-type: none"> <li>• Meter: Compact bench-top design with water- and dust-resistant housing (IP54 or higher)</li> <li>• Electrodes: Epoxy or glass body, corrosion-resistant, sealed reference, waterproof connectors</li> </ul> <p>Warranty: Meter – 2 years; Electrodes –12 months</p> <p>Country of Origin: USA / Europe / Japan / Korea</p> <p>Technical Specifications:</p> <ul style="list-style-type: none"> <li>• Meter: <ul style="list-style-type: none"> <li>o Measurement range: 0.00 – 14.00 pH</li> <li>o Resolution: 0.01 pH</li> <li>o Accuracy: ±0.01 pH</li> <li>o Automatic Temperature Compensation (ATC): 0–100 °C (with integrated NTC/Pt1000 sensor in electrodes)</li> <li>o Calibration: 1–5 points, automatic buffer recognition (US, NIST, DIN standards)</li> <li>o Display: Large digital LCD with backlight, showing pH, temperature, and stability indicator</li> <li>o Data: Memory for 200 measurements, optional USB output</li> </ul> </li> <li>• Electrodes (included): <ul style="list-style-type: none"> <li>o Range: 0–14 pH, 0–100 °C</li> <li>o Reference: Ag/AgCl, double junction, gel-filled (maintenance-free)</li> <li>o Connector: BNC (pH) +</li> </ul> </li> </ul>

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					<p>temperature pin (NTC/Pt1000)</p> <p>o Shaft: Ø12 mm x 120–150 mm</p> <p>o Response time: &lt;30 seconds to 95% of final value</p> <p>o Two extra spare electrodes supplied with the meter</p> <p>Applications:</p> <ul style="list-style-type: none"> <li>• Water and wastewater analysis</li> <li>• Soil and environmental testing</li> <li>• Concrete pore solution and cement slurry studies</li> <li>• General laboratory chemical analysis</li> </ul> <p>All operational accessories: Mandatory and must be included.</p> <p>-----</p> <p>The quotation must include the following details:</p> <ol style="list-style-type: none"> <li>1. Warranty period.</li> <li>2. Delivery period.</li> <li>3. Price List for the major spare parts.</li> <li>4. Cost of maintenance visit per day after the warranty period expires.</li> <li>5. Submission a copy of an Operation &amp; Service manuals at the installation time.</li> <li>6. Back up/spare parts support up to the 10th year.</li> <li>7. Details of any pre-installation requirements (attached with offer).</li> <li>8. Manufacturing date certificate from the manufacturer.</li> <li>9. Delivery, Installation, commissioning &amp; on-site training to be done by the supplier.</li> </ol> <p>Note:</p> <ul style="list-style-type: none"> <li>- Bid evaluation criteria will be subjected to; Price, specifications, warranty period, fast delivery, known brand &amp; after-sales technical support.</li> <li>- Since this is a non-profit organization and the item to be used for educational purpose, a maximum discount should be given as far as possible.</li> </ul>