



# Government College of Engineering

Station Road, Chhatrapati Sambhajinagar – 431 005

"In Pursuit of Technical Excellence"

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No. GECCS/Civil/2023-24/ 895A

Date 15 MAR 2024

To, GECCS Notice Board /GECCS WEBSITE.

Sub: Quotation for purchase of equipment/ furniture.  
(Due Date 26 103 /2024)

Sealed Quotations are from eligible and Interested manufacturers/ dealers/distributors/ for the following items on the terms and conditions mentioned below.

Sr. No.	Item with Specification (Brand Name should be mentioned compulsory)	Rate Per Unit Including GST
1	<b>Hydraulic Jack 50kN</b> <ul style="list-style-type: none"> <li>Hydraulic Jacks should have multipurpose utility, i.e. application of loads while engaged in field investigation, determination of load carrying capacity of piles in the field, tensioning of wires in pre-stressed structures, loading of members of any structure for deformation characteristics etc.</li> <li>The jacks should supplied complete with manually operated pumping units fitted with bourdon tube type load gauge and high pressure flexible hose pipe.</li> <li>Jacks should have a piston travel of 50 mm and jacks upto 50 kN capacity.</li> </ul>	
2	<b>Oven(Hot air oven with wire and plug</b> <ul style="list-style-type: none"> <li>Temperature- 200 deg C</li> <li>Material- Stainless Steel</li> <li>Chamber Volume- 60 Litre</li> <li>Double walled constructed with inside Aluminium / Stainless Steel chamber having 60-75 mm glass wool insulation.</li> <li>Door should Fitted with heavy chrome plated hinges.</li> <li>Provided with adjustable Steel / Aluminium / Wire mesh trays. Temperature should recorded by means of L shapedn thermometer fitted at the front of the cabinet.</li> <li>Temperature should controlled by hydraulic capillary thermostats.</li> </ul>	
3	<b>Electronic balance Capacity 10kg*0.5g</b> weighing Capacity: 10 Kg Pan size: 180*230 mm Material : Steel & Iron	
4	<b>Electronic balance Capacity 50kg*5g</b> <ul style="list-style-type: none"> <li>Display type- LED</li> <li>Weight Limit- 50kg</li> <li>Large and High Glow Red LED Display</li> <li>Platform Size: 14x14 inches</li> </ul>	
5	<b>Lab CBR Machine (Digital)</b>  The equipment consist of the following replaceable parts :  Ref. Standards IS 9669 IS : 2720 (Part XVI) <ul style="list-style-type: none"> <li>Load Frame, 50 kN Capacity, Three Speed 1.5, 1.25 &amp; 2.5 mm/min Mould - Gun Metal 150mm ID x 175 mm</li> <li>Perforated Base Plate - Gun Metal,</li> <li>Extension Collar - Gun Metal 150 mm x 50 mm high</li> <li>Penetration Piston 50 mm face dia AIM 12005 Adjustable Bracket for Penetration Dial Gauge</li> <li>Circular Metal Spacer Disc, with detachable handle, 148 mm dia x 47.7 mm high</li> <li>Annular Metal Weight 2.5 kg, 147 mm dia with 53 mm dia central hole</li> <li>Slotted Metal Weight 2.5 kg, 147 mm dia, with 53 mm dia slot</li> <li>Perforated Plate 148 mm dia, with adjustable stem and lock nut</li> <li>Metal Tripod for Dial Gauge</li> <li>Cutting Collar</li> <li>Rammer 2.6 kg, 310 mm controlled drop</li> <li>Rammer 4.9 kg, 450 mm controlled drop</li> <li>Proving Ring Capacity 50 kN</li> <li>Dial Gauge 25 mm travel, 0.01 mm least count</li> <li>Apparatus - Motorised, Electronics with Load frame four speed and Data Aquisition system and</li> </ul>	

	<ul style="list-style-type: none"> <li>Software</li> <li>Other necessary accessories and spare parts should be included in the offer.</li> <li>The supplier should guarantee that all spares should be available for 5 years from the date of installation.</li> <li>All the accessories and parts should be of International standard and replaceable with components available in India.</li> <li>Three years comprehensive warranty after successful installation and demonstration.</li> </ul>	
6	<p><b>Electronic Direct shear test (Digital)</b></p> <p>The equipment consist of the following replaceable parts :</p> <ul style="list-style-type: none"> <li>Shear Box Assembly</li> </ul> <p>This assembly comprises of :</p> <ul style="list-style-type: none"> <li>Halves of the Shear Box 6 Nos.</li> <li>Plane Gripper Plate 6 Nos</li> <li>Perforated Gripper Plate 6 Nos</li> <li>Porous Stone 6 Nos</li> <li>Top Loading Pad 3 Nos</li> <li>Base Plate 3 Nos</li> <li>Shear Box Housing with two linear bearing case with steel ball 3 Nos</li> <li>Specimen Cutter 3 Nos</li> <li>Surcharge Weights to attain normal stress of 3 kg/cm 3 Set</li> </ul> <p>This surcharge weight set comprises of following weights :</p> <ul style="list-style-type: none"> <li>0.05 kg/cm 4 Nos.</li> <li>0.10 kg/cm 1 No</li> <li>0.20 kg/cm 1 No</li> <li>0.50 kg/cm 3 Nos</li> <li>Compression Proving Ring, 2 kN capacity 1 No</li> <li>Dial Gauge 0-25 x 0.01mm 3 Nos.</li> <li>Include all necessary accessories</li> <li>Other necessary accessories and spare parts should be included in the offer.</li> <li>The supplier should guarantee that all spares should be available for 5 years from the date of installation.</li> <li>All the accessories and parts should be of International standard and replaceable with components available in India.</li> <li>Three years comprehensive warranty after successful installation and demonstration.</li> </ul>	
7	<p><b>Motorised Vane Shear Test Apparatus</b></p> <p>Consists of a special motor, adjustable in height by means of a lead screw rotated by a drive wheel to enable the vane to be lowered into the specimen. Rotation of the vane is by means of an electric motor turns the upper end of a calibrated torsion spring to give a rotation of 0.01 /sec. The vane shaft is attached through the hollow upper shaft to a resettable pointer which indicates the angle of torque on a dial graduated in degrees. The dial reading multiplied by spring factor gives the torque.</p> <p>Rate of rotation : 1/60 rpm</p> <p>Suitable for operation on 220 V, 50 Hz, Single Phase, AC supply.</p> <p>The equipment consist of the following replaceable parts :</p> <ul style="list-style-type: none"> <li>Container</li> <li>Set of 4 Springs, (one each of capacity 2 kg-cm, 4 kg-cm, 6 kg-cm and 8 kg-cm)</li> <li>Other necessary accessories and spare parts should be included in the offer.</li> <li>The supplier should guarantee that all spares should be available for 5 years from the date of installation.</li> </ul> <p>Accessories and parts should be of International standard and replaceable with components available in India.</p> <p>Three years comprehensive warranty after successful installation and demonstration.</p>	All the
8	<p><b>Infrared Moisture Meter Electrically Operated</b></p> <ul style="list-style-type: none"> <li>Graduations are from 0 to 100% in 0.2 % divisions, but readings may be estimated to 0.1% moisture content.</li> <li>Suitable for operation on 220 V, 50 Hz, Single phase, AC Supply. Capacity : 5g approx.</li> </ul>	



	<ul style="list-style-type: none"> <li>• Sensitivity : 10mg approx</li> <li>• Range : 0 to 100% moisture content on wet weight basis</li> <li>• Reading accuracy : <math>\pm 0.20\%</math></li> <li>• Probable error : <math>\pm 0.25\%</math> in the lower range upto compared to <math>25\%</math> and <math>\pm 1\%</math> for moisture contents</li> <li>• Oven methods : above <math>50\%</math></li> </ul> <p>The equipment consist of the following replaceable parts :</p> <ul style="list-style-type: none"> <li>• Infra Red Lamp</li> <li>• Thermometer (L-shaped)</li> <li>• Torsion Wire</li> <li>• Other necessary accessories and spare parts should be included in the offer.</li> <li>• The supplier should guarantee that all spares should be available for 5 years from the date of installation</li> <li>• All the accessories and parts should be of International standard and replaceable with components available in India</li> <li>• Three years comprehensive warranty after successful installation and demonstration.</li> </ul>	
9	<p><b>Sieve set (Brass material) 4.75mm, 2.36mm, 1.18mm, 600mu, 300mu, 150mu, 75mu</b></p> <p>Ref. Standard IS 460 (Part-I &amp; Part II)</p> <p>Material - Brass</p>	
10	<p><b>Core cutter with dolly and heavy hammer</b></p> <p>Ref. Standard IS 2720 (Part 29)</p> <p>The equipment consist of the following replaceable parts :</p> <ul style="list-style-type: none"> <li>• Cylindrical Core Cutter made of steel, 100 mm dia x 130 mm long</li> <li>• Steel Dolly 25 mm high and 100 mm dia, fitted with a lip, to enable it to be located on top of the Core-Cutter</li> <li>• Rammer with Steel Rod AIM 16101</li> </ul>	
11	<p><b>Sand Replacement Apparatus(Small)</b></p> <p>Ref. Standard IS 2720 (Part 28)</p> <p>The equipment consist of the following replaceable parts :</p> <ul style="list-style-type: none"> <li>• Sand Pouring Cylinder fitted with Conical Funnel and Shutter, capacity 3 litre</li> <li>• Metal Tray size 30 x 30 x 4 cm, with 10 cm central hole</li> <li>• Cylindrical Calibration Container 100 mm ID x 150 mm height 1 No.</li> </ul>	
12	<p><b>Permeability test Apparatus Falling head Apparatus with mould</b></p> <p>Ref. Standards IS:2720 (Part 17), IS:11209</p> <p>The equipment consist of the following replaceable parts:</p> <ul style="list-style-type: none"> <li>• Stand with three glass tubes of 6 mm, 10 mm and 20 mm dia approx.</li> <li>• Rubber Connection Tube 3m long, with Pinch Cock</li> <li>• Soil Permeability Cell Assembly</li> <li>• Other necessary accessories and spare parts should be included in the offer.</li> <li>• The supplier should guarantee that all spares should be available for 5 years from the date of installation.</li> <li>• All the accessories and parts should be of International standard and replaceable with components available in India.</li> <li>• Three years comprehensive warranty after successful installation and demonstration.</li> </ul>	
13	<p><b>Permeability test Apparatus Constant head Apparatus with mould</b></p> <p>Ref. Standards IS:2720 (Part 17), IS:11209</p> <ul style="list-style-type: none"> <li>• The mould assembly (including drainage base and drainage cap) shall conform to IS: 11209-1985".</li> <li>• The compaction rammer shall conform to IS: 9198-1979s.</li> <li>• Constant Head Tank - A suitable water reservoir capable of supplying water to the permeameter under constant head for constant head test arrangement.</li> <li>• Other necessary accessories and spare parts should be included in the offer.</li> <li>• The supplier should guarantee that all spares should be available for 5 years from the date of installation.</li> <li>• All the accessories and parts should be of International standard and replaceable with components available in India.</li> <li>• Three years comprehensive warranty after successful</li> </ul>	

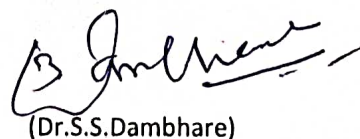
	installation and demonstration.	
14	<p><b>Compaction mould with extension collar and base plate, proctor metal hammer for standard compaction</b></p> <p>Ref. Standards IS:2720 (Part 7), IS:2720 (Part 8) IS:9198, IS:10074, BS:1377 ASTM D 698, D 1557</p> <p>Compaction mould, complete with Collar and Base Plate, made of Brass 100 mm ID, 127.3 mm height 1,000 ml volume (IS:10074)</p> <p>Rammer 2.6 kg x 310 mm fall as per IS: 9198</p> <p>Ref. Standard IS:2720 (Part VII) for light compaction test</p>	
15	<p><b>CBR Mould</b></p> <p>As per IS 9669 – 1980</p> <ul style="list-style-type: none"> <li>• Mould - The mould shall be smooth from inside and shall have two ears either cast integral with the body or welded. It shall have suitable seatings at the ends for positioning the collar and the base plate. (Material – Brass)</li> <li>• Collar - The collar shall be made from same material as that of mould. Two similar ears as in the case of the mould shall be cast integral with the body or welded. It shall have suitable seatings at the lower end for sitting flush with the mould.</li> <li>• Base Plate - A suitable seating about 2 mm deep shall be provided on the top face for proper seating of the mould, and shall be of same material as mould.</li> </ul>	
16	<p><b>Standard penetration test set(total assembly) split spoon sampler with drill rod</b></p> <p>Ref. Standards IS:2131, IS:9640</p> <p>The equipment consist of the following replaceable parts :</p> <ul style="list-style-type: none"> <li>• Split Spoon Sampler 50.8 mm OD and 38 mm ID. 1 no.</li> </ul> <p>This sampler consists of :</p> <ul style="list-style-type: none"> <li>• Body split lengthwise.</li> <li>• Shoe hardened with an inside cutting edge.</li> <li>• Head fitted with a ball check valve and adapter to connect 'A' type drill rod.</li> <li>• Drive Weight Cast Iron, 63.5 kg, 78 mm bore ID approx. 1 No.</li> <li>• Guide Pipe Assembly Bore 73 mm OD approx. 1 No.</li> <li>• Tripod with Pulley and built-in Ladder. 1 No.</li> <li>• 'A' Type Drill Rods 0.5 mtrs. 2 Nos.</li> <li>• Manila Rope 19mm dia 10 meter long 1 No.</li> </ul> <p>Optional Accessories:</p> <p>Split Spoon Sampler with Brass Liner, 50.8 mm OD and 35 mm</p> <p>ID</p> <p>This sampler consists of :</p> <ul style="list-style-type: none"> <li>• Body split lengthwise.</li> <li>• Shoe hardened with an inside cutting edge.</li> <li>• Head of split spoon sampler with adapter to connect A-type drill rod.</li> <li>• Other necessary accessories and spare parts should be included in the offer.</li> <li>• The supplier should guarantee that all spares should be available for 5 years from the date of installation.</li> <li>• All the accessories and parts should be of International standard and replaceable with components available in India.</li> <li>• Three years comprehensive warranty after successful installation and demonstration.</li> </ul>	
17	<p><b>Pedestal fan</b></p> <p>360 degree Surround Air Technology</p> <ul style="list-style-type: none"> <li>• India's first fan with 360 degree swiveling fan head for best air circulation in room</li> <li>• Remote Controlled Operations- On/off, speed controls, timer functions through remote control</li> <li>• Air Throw Modes- Standard, Nature and Sleep modes</li> </ul>	



18	<b>Universal automatic compactor</b> Ref Standard IS: 2720 (Part 7 & 8) <ul style="list-style-type: none"> <li>• It should compatible to perform test as per IS</li> <li>• Rammer - Circular faced adjustable weight as per IS</li> <li>• Drop - Adjustable as per IS</li> <li>• Supplied with mild steel mould</li> <li>• The equipment is suitable for operation on 220 V, 50 Hz, Single Phase, AC supply.</li> <li>• Other necessary accessories and spare parts should be included in the offer.</li> <li>• The supplier should guarantee that all spares should be available for 5 years from the date of installation.</li> <li>• All the accessories and parts should be of International standard and replaceable with components available in India.</li> <li>• Three years comprehensive warranty after successful installation and demonstration.</li> </ul>	
19	<b>Trolley for carrying soil samples upto 100kg capacity</b> <ul style="list-style-type: none"> <li>• Material- Steel</li> <li>• Wheel- Rubber</li> <li>• Capacity- 100Kg</li> <li>• Height- 815mm</li> <li>• Wheels- 100 mm</li> <li>• Width- 479mm</li> <li>• Length- 738mm</li> </ul>	

#### **Terms & Conditions –**

- 1 Rates quoted should be FOR AURANGABAD or free delivery at the Institute inclusive of all lead and Lift.
- 2 Detailed specifications of the articles you intend to supply should be given. If not according to the specification, laid above.
3. The material should be supplied within (07) days from the date of order. List of material is given above..
4. The earliest delivery period should be quoted if you cannot supply within the period mentioned above.
5. Quotation should be in sealed cover and superscripted as **"Quotations for Civil Department"**  
Due on : 26 - 03 -2024, at 5 P.M.
6. Quotation should be valid for 31/03/2024.
7. Right to reject any or all quotations are reserved with the under signed.
8. Rates quoted must be inclusive of All applicable Taxes.
9. Delivery of the material will be carried out free of cost at our institute in Civil Department by the supplier
10. No advance shall be paid and No part payment shall be made.
11. Detail Specification including make of material should be mentioned in Quotation. If the ` quoted Item/Peripheral is available with you in different brands/makes, the rates should be mentioned separately brand wise/specification wise. **If the Make/Brand/Manufacturer name is not mentioned in the quotation will be rejected without giving any information to the supplier.**
12. Material will be inspected by the concerned department. If the material found correct subject to the required specifications, bill will be passed, otherwise returned as it is at your cost.
13. Quotation not complying with the above conditions and incomplete once will not be considered



(Dr.S.S.Damhare)

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