

GOVT. COLLEGE OF ENGINEERING, KARAD

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Website : www.gcekarad.ac.in

No. : GCOEK / Workshop-Store /2022/ **379**

Date: **29 JAN 2022**

To,
College website / Notice Board

QUOTATION (Due Date 10.02.2022)

Sub : Quotation for following material. (for Civil Engineering)

Scaled Quotations are invited from eligible and interested manufacturers/dealers/distributors/ suppliers for the following items on the terms and conditions mentioned below.

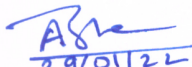
Sr. No	Particulars	Qty	Rate Per No.	GST %	Total Cost per No.
1	Hand Operated Extractor – For Extraction Of Soil Samples, Comprises of a frame designed for screw jack operation, one each of the adaptor plates and plunger adaptors for 38 mm, 75 mm, 100 mm, 150 mm diameter specimens and a stand to obtain simultaneously three 38 mm diameter samples from one 100 mm diameter sample. The adaptor plate which slides along with the slotted supports can be claimed at any desired position by means of locking nuts. Besides this, the tube or mould can be held in position by raising the tube guides and held in position with locking screws. The lead screw movement can be stopped at any predetermined position by tightening the lead screw collar. Plunger adaptor for 200 mm dia samples. Adaptor plate with 200 mm dia hole and device to extract 3 number 38 mm dia samples from one 100 mmdiameter sample.	01			
2	Infrared Moisture Meter – Suitable for operation on 220V, 50Hz, Single Phase, AC Supply, Capacity – 5g approx., Sensitivity – 10mg approx., Range – 0 to 100% moisture content on a wet weight basis, Reading accuracy – 0.20%, Probable error – 0.25% in the lower range up to compared to 25% and 1% for moisture contents, Oven Methods – above 50%,Operating Temperature (Degree Celsius) – 0-50.	01			
3	Andreasen Pipette Stand Apparatus – The apparatus shall consist of a sliding panel which moves up and down by means of a screw allowing Anderson pipette fixed to it to be raised or lowered vertically.A sedimentation tube shall be held by a laboratory clamp provided on the stand below the pipette. The depth of immersion shall be measured by a scale graduated in mm at the side of the sliding panel. Supplied	01			

	complete with Anderson pipette 10ml. At the side capacity made from glass, and a sedimentation tube also of glass of 500ml capacity and 50nos. Test form pads. Pipette stand with moving carriage assembly fitted with a scale and holder for holding the pipette in position. Sampling pipette 10 ml capacity fitted with a three way stop cock. Sedimentation tube, 50mm dia and approximately 350 mm long with mark at 500 ml volume, Sedimentation Pipette (Anderson pipette) 25ml, Sedimentation tube 100ml, Sedimentation pipette 10ml, Sedimentation tube 500ml, Test forms pad of 50. Conforming IS:2720 (Part II), BS:1377.				
4	<p>High Speed Stirrer – For Sedimentation Analysis, stirring device, mounted induction motor and shall have a vertical shaft, Vertical shaft should operate on speed of 8000 to 10000 revolutions per minute when it is loaded, The shaft shall be equipped with a replaceable stirring paddle of either of the types and made of metal. The surface will be of such length that the stirring paddle will operate not less than 20 mm and not more than 35 mm above the bottom of the dispersion cup. The dispersion cup shall be supported on a rest and shall have a removable baffle. A special dispersion cup conforming to either of the designs shown in IS 2720 (Part IV) 1985 shall be provided to hold the sample while it is dispersed. The stirrer shall be free from vibration whilst operation and the base shall be made of M.S. of at least size 20 cm X 25 cm with rubber cushions. The container and baffle shall be of such material as not be affected by the reagents like Sodium Carbonate, Sodium Silicate, Sodium Hexameta Phosphate etc. The stirrings device shall be suitable for operation on 230-250 Volts, 50 Hz, Single Phase, AC with controller switch for different revolution.</p> <p>It shall be provided with 3 core wiring with off-on switch. The dimensions of stirring paddles for stirring apparatus and dispersion cup shall be as per IS 2720 (Part IV) 1985.</p>	01			
5	<p>Pore Pressure Apparatus – The apparatus shall consist of a panel for wall mounting on which are fitted 1.0 to 10kg/cm sq x 0.1kg cm. sq. a pressure gauge, bourdon tube type 15 cm dia. Manometer – Glass, U-Tube manometer for measuring low positive pore pressures negative pore measures and checking zero error of pressure gauge. It is provided with a mercury trap. Null indicator made out of clear transparent Perspex with mercury trap and cursor to indicate the mercury level. Burette – 50ml burette for measuring the volume change in the soil specimen. Pressure pump shall be fitted</p>	01			

	with four sleeve packed valves, operated by means of a hand wheel on the end of the piston rod which is threaded through the pump cap and gives a smooth, fine adjustment of pressure. Copper coil and water reservoir shall be fitted on board with complete stand assembly. The unit shall be tested against leaks up to 10kg/cm sq.				
6	<u>Vane Shear Test Apparatus</u> – The equipment shall consists of torque applicator assembly mounted on a base, a gear wheel, which is mark in degree's, hold a torque rings and is geared to crank. The complete outfit shall consists of : i) torque applicator assembly, 2000 kg cm - 1 no., ii) Vane 37.5 mm x 75 mm high complete with vane rod and one dummy rod - 1 set, iii) Vane 50 mm dia x 100 mm high, complete with vane rod and one dummy rod, iv) extension rods one meter long threaded, quick coupling type. - 25 nos., v) extension rods half meter long threaded, quick coupling type - 10 nos. vi) spikes - 4 nos. spares & accessories.	01			
7	<u>Standard Penetration Test Apparatus</u> – Guide Pipe Assembly, fitted with a driving head on one side having standard "A" drill rod thread a cap on the second side. Drive weight falls freely through a height of 75mm, Tripod stand, 6 meter high connected by a tie bolt. Each leg is made of three parts for easy transport. Complete with pulleys and staring arrangements. Tripod stand 5 meter long Each leg is made of two parts. Complete with pulley stirring arrangement. Pulley Spare: "A" Drill Rod 1 meter long, "A" Drill Rod 1.5 meter long, "A" Drill Rod 3 meter long, Sampling Auger, Auger Head - 150mm diameter, 100mm diameter, 75mm diameter, 50mm diameter, 38mm diameter, Extension Road: 1 meter long for 150mm auger, 1 meter long for 100mm/75mm/50mm/38mm. Conforming IS 2131, IS 9640.	01			

Terms & Condition

1. The quotation should be sent to **"The Principal, Government College of Engineering, Karad"** on or before **10.02.2022 at 5.30 PM.**
2. Quotations will be opened at 11.00 A.M. on 11.02.2022.
3. Materials should be quoted for standard makes and minimum pkgs.
4. Quotation validity for at least 45 days from the date of opening.
5. Delivery at F.O.R. Workshop , Govt. College of Engineering Karad.
6. Delivery period 2 weeks from date of supply order.
7. 100% payment after satisfactory delivery & installation.
8. No extra charges will be paid for cartage etc. the material rejected and replaced.
9. After delivery quality conformance undertaking of equipment/machinery
10. The undersigned reserves the right to accept or reject any offer or all offers without assigning any reason thereof.


 29/01/22
 A.A. Bhondwe For Principal
 for Dr. B. A. Konnur HOD- Civil Engineering