

GOVT. COLLEGE OF ENGINEERING AND RESEARCH, AWASARI

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No. GCOEARA/Store/2016-17/ **2620**

Date: **26 AUG 2016**

To,
HOD- Computer Engineering for display on College Website

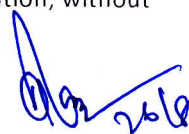
Subject : Quotation for supply of Equipments (Civil Engineering - Environmental Engg. Lab.)

Please send your quotation for the following items on the terms and conditions listed below, mentioning our reference letter number, date and due date of quotation on your sealed envelop, on or before **07.09.2016** at 5.00 pm.

Sr.No.	Specification	Qty.	Unit
1	Dissolved Oxygen (DO) Meter	1	No.
2	Imhoff Setting Cone with rack	1	No.
3	Jar Test Apparatus (Flocculator)	1	No.
4	Gas sampler of midget impingers or high volume sampler with a gas kit attachment for SO2 and NO2	1	No.
5	Kjeldahl Apparatus	1	No.
6	Noise level meter	1	No.
7	Desiccators	1	No.
8	Arsenic determination kit	1	No.
9	Serological water bath	1	No.
10	Magnetic stirrer with hot plate	1	No.
11	Gas burner with burner & gas cylinder connector of length 1m	2	No.
12	Gas cylinder: LPG Gas cylinder	1	No.
(Detail scope of supply will be as per enclosed sheet)			

Terms & Conditons

- 1 Taxes – Inclusive / if extra clearly mention the percentage.
- 2 Delivery period –
- 3 Payment Terms –
- 4 Quotation Validity –
- 5 Warranty -
- 6 Guaranty-
- 7 Delivery Charges – Free / if extra mention clearly.
- 8 The part supply and its bill will strictly not be entertained.
- 9 If you fail to supply the stores within the specified period, the order will be treated at cancelled without any information.
- 10 The material will be accepted subject at approval(after inspection of the material),If rejected it will be returned to you at your cost.
- 11 The material to be supplied should be strictly according to the specification only.
- 12 Octroi is not applicable since Institute is located in Gram Panchayat area.
- 13 Please attach copy of your shop registration certificate alongwith your quotation, without which your quotation will not be accepted.

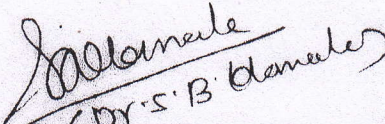

(Dr. A.S. Pant)

Principal

Govt.College of Engineering & Research Awasari
Awasari(khurd)

GOVERNMENT COLLEGE OF ENGINEERING AND RESEARCH AVASARI (KD)
DEPARTMENT OF CIVIL ENGINEERING
List of equipments to be purchased at Institute Level

Sr. No.	Name of Equipments/Accessories/consumables with specifications	Quantity Required	A Pe
Environmental Engineering Lab			
1	Dissolved Oxygen (DO) Meter : Display: Digital LCD display; Dissolved Oxygen Range :0.00 to 20.00mg/L or ppm; Resolution:0.1mg/L; Dissolved Oxygen Accuracy: ±0.5mg/L; % Saturation of Oxygen: 0.0 to 100.0%; Accuracy:±10.00%;Temperature Range: 0.0 to 50.0oC; Temperature Accuracy : ±1°C; Temperature Compensation: 0.0 to 40.0oC; Automatic; Barometric Pressure Correction 450 to 850 mm of Hg (60.0 to 112.5kPa); Memory: 48 data sets with Date / Time stamping; Output: USB communication interface; Power Requirements 9V battery	1	1
2	Imhoff Setting Cone with rack : Capacity 1000 ml; Outer diameter= 108 mm X Length = 451 mm; Material of cone: colourless natural glass, Graduation Intervals: 0 to 1mL in 0.1mL; 1 to 10mL in 0.5mL; 10 to 40mL in 1mL; 40 to 100mL in 2mL at 250, 500 and 1000mL, cone should be featured with plug to facilitate cleaning. Suitable stand/rack for Imhoff cone must be provided	1	1
3	Jar Test Apparatus (Flocculator) : Flocculator with six jar should consists of geared continuous run heavy duty 1/20 H.P. variable speed motor from 10 to 120 rpm (approximately) with built in speed control. Apparatus should have digital display to clearly indicate the speed of the rotations of stainless steel paddles. Stainless steel stirring rods need to be provided with adjustable spacer so to adjust the depth of stirring paddles. The stirring shaft can be removed without disturbing other stirrers. This unit is supplied to work on 220/230 volts A.C.	1	1
4	Gas sampler of midget impigers or high volume sampler with a gas kit attachment for SO₂ and NO₂	1	1
5	Kjeldahl Apparatus : It should consist of two sets of mantle type heating platforms-one for digestion and other for distillation. It should be provided with condenser rack, lead fumé duct and a pair of hangers, on a mild steel sheet tubular stand. Both units supplied with individual energy regulators. To work on 220 V AC 50 Hz single phase.	1	1


CDR S. B. Damale
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		Required	A P
Environmental Engineering Lab			
6	Noise level meter: It should have digital display featuring: a wide range of 35 to 130dB; Accuracy: +/-1.5dB; Frequency range: 31.5HZ to 8.5KHZ; Sampling time: 2 times /sec; Power supply: 9V batteries	1	
7	Desiccators: Material : polycarbonate cover, polypropylene body; Exterior Dimensions(WXHXD) = 10.75" X 12.25"X9.1", Perforated polypropylene plate of size = 230 mm; and three-way stopcock	1	
8	Arsenic determination kit	1	
9	Serological Water Bath: The inner chamber with double wall should be composed of finely Polished Stainless Steel. The outer chamber should be fabricated from mild steel sheets galvanized with powder coating. The gap between walls should be bridged with top-grade glass wool for effective insulation. This water bath should be equipped with a drain plug for improving the cleaning and emptying process of the inner chamber, pyramidal-type Cover and perforated detachable diffuser. Heating Elements: Immersion heating elements shall be constructed from premium-grade materials. Temperature Control: Temperature need to be primarily regulated by capillary thermostat ranging from 5 deg. C above ambience to 90 deg. C +/- 1 deg. C. Control Panel: The system needs to be outfitted with a panel containing a thermostat. On & Off switch, two pilot lamps, provided with chord and plug. Power: Compatible at operating on 220 V, Single phase, 50 Hz. AC supply.	1	
10	Magnetic stirrer with hot plate:	1	
11	Gas Burner with burner and gas cylinder connector of length 1m	2	
12	Gas Cylinder: LPG Gas Cylinder	1	

S. B. Dhanale
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