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OFFICE OF THE PRINCIPAL KARANJIA (AUTO) COLLEGE, KARANJIA
DIST- MAYURBHANJ, PIN- 757037 (ODISHA)
(NAAC RE-ACCREDITED-B)
ESTD - 1964

Notice No: - 2942

Date: - 19.2.2019

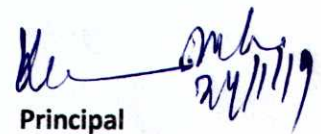
QUOTATION CALL

Sealed quotations are invited from the intending Firms for the purchase of Lab equipment, computer related articles and others under OHEPEE, Govt. of Odisha along with EMD of Rs.2000/- in shape of Bank Draft of any Nationalized Bank, RPF cost (Non refundable) of Rs. 500/-, GST & IT clearance certificate which must reach the undersigned either through Register post or speed post within 15 days from the date of publication of the advertisement. The undersigned reserves the right to reject the quotations at any time without assigning any reason thereof. For detail log on to our website- www.karanjiacollege.com.

sd- *19/2/19*
Principal
Karanjia (Auto) College, Karanjia
Mayurbhanj

KARANJIA AUTONOMOUS COLLEGE, KARANJIA**PROCUREMENT OF ITEMS AGAINST QUOTATION CALL NOTICE PUBLISHED IN****THE SAMAJ DT:- 24.01.2019****Computer & Electronic Machines**

Sl. No.	Services to be procured	Quantity
1	Computer- Dell- Ci5/8GB & More	6
2	Printer- HP ALL IN ONE	6 (One Colour)
3	Photocopier- Canon Heavy Duty Duplex	1
4	E- Notice Board Operated through Computer (6 ft X 4ft)	1
5	LCD Projectors- Sony	2
6	Laptop (HP) with Power Point Set-up	1
7	Inverter with Battery (Sukam- 200 VA)	2



Principal

Karanjia (Auto) College, Karanjia

KARANJIA AUTONOMOUS COLLEGE, KARANJIA, DIST- MAYURBHANJ
Department wise list of equipment for improvement of Science Laboratories
Manufactured by NVIS/SCIENTECH / LABINCO / OMEGA

Department of Physics

Sl. No.	Items	Quantity Required	Justification
1	Hall effect Experiment Setup	01	
2	Measurement of resistivity of Semiconductor by Four probe method at different temperature and determination of Band gap	01	
3	To study the PE Hysteresis loop of a Ferro electric crystal	01	
4	Appts. For measurement of susceptibility of paramagnetic solution of Quinck's Tube method	01	
5	Cathode-ray Oscilloscope (20 MHZ)	01	
6	To determination the dielectric constant of a dielectric material with frequency	01	
7	To determine BH curve of Fe using solenoid and determine energy loss from Hysteresis	01	
8	Photoelectric effect : Photo current versus intensity and Wavelength of light max energy of Photo electron versus frequency of light	01	
9	Colpitt Oscillator	01	

Principal
Karanjia (Auto) College, Karanjia

Abhijit Mishra
26.02.19.
(HOD, Physics)

**REQUIREMENT OF EQUIPMENTS FOR THE DEPARTMENT OF CHEMISTRY
UNDER IDP SCHEME**

Item Description	Qty	Unit Price	Remarks
PC-Operated UV-Visible digital Spectrophotometer Systronics, Type-119 200-1000 nm <u>Accessories</u> :- PC with Colour Monitor Compatible with above models-HP Laser Jet printer (HP)	1	2,00,000.00	Useful for Practical
Digital Magnetic Stirrer with Hot Plate Make – Tarsons Model – SPINOTTM, Cat No.- 6040 Dimension- 18 x 18 cm, Material – Ceramic Temp Range- 50-3000C, Max. load- 11 kg Speed range- 100-1200 rpm, Max. capacity- 5 L Dimension- 32x24x12 cm (WxHxD) Power- 50Hz/240 VAC/ 4.7amp/ 1515watts	1	23,604.00	Useful for Practical
Double Distillation Unit Make – Borosil, Cat No- 3362 Capacity- 4.0 ltr/Hr, HSN Code- 84194090 Total Power Consumed- 7 kw, Single Phase – 3.5x2kw , Quartz heater, Min Cooling Water requirement –2.5ltr/min (Each) Electrical Requirement – 230-250 Volt, Biological activity – Pyrogen free Distillate Temp- 65-75 °C Conductivity S/cm - <1 x 10-6	1	76,270.00	Useful for Practical
Dual Channel Potentio Meter Make – Chemiline, Model – CL 525S MV Range – 0 to ± 1999 MV Resolution – 1 MV, Repeatability – 1MV ± 1 Digit Display - 3½ Digit LED with auto polarity & decimal Power – 230V 10%, 50Hz Electrode (Optional)- Platinum Electrode, Silver Electrode, Reference Electrode Standard Supplied ACC.- Electrode Holder, Stand Magnet Bar Digital Potentio Metric Titrator with Magnetic Stirrer along with Glass & Reference electrode. Dual Platinum Electrode	1	14,700.00	Useful for Practical
Digital Magnetic Stirrer (without Hot Plate) Cat No-4040 Make – Tarson Model- SPINIT TM, Top Plate - 18x18 Ceramic Speed Range- 100-1200 rpm, Max Capacity- 5L Power – 50 Hz/ 15watts	1	17,457.00	Useful for Practical

The equipment mentioned amounts is 3,92,031 = w (Approx.)

Satyabrata Sahu
HOD,
Chemistry

3,92,031 = w
8/12/18
HOD, Chemistry

Laboratory Equipments

Department of Botany

Sl.No.	Items	Quantity Required	Justification
1	D-SLR Camera (Canon)	01	
2	Thermostatic Water Bath (1000w BTI-56) Biotechnics	02	
3	Centrifuge tube (Tarson)- 50 ML 15 ML	1 Pkt. 1 Pkt.	
4	BFC Borosil Glass Pipette- 5ML Graduated with Pipette Bulb- 10 ML	4 Nos. 4 Nos.	
5	Reagent Bottle Borosili Glass-25 ML Capacity	10 Nos	
6	Double distill water apparatus Borosil Glass Code- 33622041	1 No.	
7	Carboy (Distilled water rank) 5 Ltrs capacity Tarson Code-583300 (Tarson)	1 No.	
8	Hot Plate (Tarson)	2 No.	
9	Magnetic Stirrer (Tarson)	3 Nos.	
10	Beaker Borosil Glass – 50 ML 100 ML 500 ML 1000 ML	20 Nos. 10 Nos. 2 Nos. 2 Nos.	
11	Dropping Bottle (Borosilicate Glass)- 60 ML capacity	10 Nos.	
12	Jars, Rectangular Museum cover, 3.3- (Borosil)	1 No	
13	Glass Test Tubes (Size 15 X 125mm)- Borosil	1 Pkt.	
14	Burette- Borosil	4 Nos.	
15	Glass Funnel- Borosil	8 Nos	
16	Blotting Paper	2 Reams	
17	Cavity Slide	100 Nos.	
18	Steel Almirah with glass fitted front door	2 Nos.	

He *Sub*
24/11/19

Principal

Karanjia (Auto) College, Karanjia

Department of Zoology

Sl.No.	Items	Quantity Required	Justification
1	UV Spectro Photometer (Systronic) 119 type 200-1000 nm	01	
2	Laminar Air Flow Horizontal (Reschlar)	01	
3	Micropipette Variable (10 to 50 μ L) (Tarson)	01	
4	Micropipette Variable (100 to 200 μ L) (Tarson)	01	
5	Double Distillation Unit (1.5 Lt/ Hour) (Borosil33625)	01	
6	Petri dish (Borosil)	20	

He *Onk*
24/1/19

Principal

Karanja (Auto) College, Karanja