

OFFICE OF THE PRINCIPAL
KENDRAPARA AUTONOMOUS COLLEGE, KENDRAPARA
(Accredited with Grade "A" by NAAC)

No. IDPRAC-01 /Date 17.01.19 /

QUOTATION/TENDER CALL NOTICE

Sealed quotations are invited from registered firms/ suppliers having GSTIN, PAN, Authorisation certificate from the manufacturer, Audited financial statement of preceding three financial years and Income Tax return of preceding three financial years for procurement of furniture, electronic items, sports equipments, Laboratory equipments water cooler cum purifier with storage facility etc. Sealed Tenders are also invited for outsourcing of Data Entry Operator under **OHEPEE** and **RUSA**. Detailed specifications, Terms and Conditions Tender paper for engagement of DEO in the college website www.kac.edu.in. The quotations/Tenders must reach the undersigned by speed post/ registered post within 21 days of the publication of the notice. The quoted price should include delivery and installation charges. The undersigned reserves the right to cancel/reject all or any one of the quotations without assigning any reasons thereof. For details please visit our website www.kac.edu.in Right top corner of the quotation must specify the item(s).


(Prof. B. M. Bal)
Principal

Kendrapara Autonomous College
Kendrapara

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KENDRAPARA

KENDRAPARA AUTONOMOUS COLLEGE, KENDRAPRA

Sl.No	Service/Goods to be procured	Specification	Quantity
1	Rack for books	Height-6", Breadth-4",width1.5", 5 Racks	10 nos
2	Power point projector(LCD)	EPSON full HD Projector, Wall mount, Screen installation electric supply	04 nos
3	Amplifier with sound boxes	(AHUJA)Amplifier with sound boxes, cordless mice set for >200 seated rooms	02 nos
4	Laptop for power point projectors	Intel core-i5, 1 TB HDD, 4 GB RAM, 15.6" Window 10	04 nos
5	Podium	Ahuja 5 core Podium-01 Portable Lectorn microphone stand with three inbuilt speakers, USB, 2 wireless microphone	02 nos
6	Electronics display of Notice	Scrolling Board	02
7	Computer Desk top	Intel core-i5, 1TB HDD, 4GB RAM, Window 10 Professional, ODD/18.5"	04 nos
8	Notice Board	Fibre Coat	02 nos
9	Chair for conference room	Steel Chair	100 nos
10	Wheel chair for different able person	KosmoCare Dura Rexine Mag Wheels with Safety Belt	02 nos
11	Stretcher	Folding Stretcher, Brand- SISS, Size- 24"x90", Max load carry-100kg	02 nos
12	Braille	dot base diameter = 1.5 mm – 1.6 mm, dot height = 0.6 mm – 0.9 mm, spherical radius = 0.76 mm – 0.81 mm	02 nos
13	Document Visualiser		02 nos
14	Multipurpose printer (for IDP cell)	HP Multifunction Printer	02 nos
15	Fire Extinguishers	ABC 3.5kg(Installation in class room, laboratories, libraries)	10 nos
16	First Aid box	Specification for immediate primary medical help to students	10 nos
17	Stainless steel water cooler cum purifier-120L capacity	Normal and cold installation steel body, water supply electrify supply and water filter(RO/UV type)	10 nos
18	Laboratory equipment and chemical	As per CBCS Syllabus	


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 Kendrapara

SI No	Particulars	Qty	Rate (Rs)	Amount (Rs)
01.	Heavy Duty semi Commercial Treadmill	1 pc	79,500.00	79,500.00
02.	Heavy Duty Commercial 4-Station Multi Gym	1set	89,500.00	89,500.00
03.	Heavy Duty Commercial Cable Cross Over	1 pc	65,900.00	65,900.00
04.	Heavy Duty Commercial chest Machine	1 pc	35,500.00	35,500.00
05.	Heavy Duty Commercial cycle	1 pc	22,500.00	22,500.00
06.	Heavy Duty Commercial Twister	1 pc	15,500.00	15,500.00
07.	Heavy Duty Commercial vibrator	1 pc	35,500.00	35,500.00
08.	Heavy Duty Commercial Multi Bench	1 pc	18,500.00	18,500.00
09.	Heavy Duty Commercial Dumbbell bar	5 pc	400.00	2,000.00
10.	Heavy Duty Commercial Plain Bar	5 pc	2,000.00	10,000.00
11.	Heavy Duty Commercial Rubber dumbbell	100 kg	200.00	20,000.00
12.	Heavy Duty Commercial Rubber plate	100 kg	150.00	15,000.00
13.	Heavy Duty Commercial Plain Bench	1 pc	5,000.00	5,000.00
			Total:	4,14,400.00
			GST@ 18%	74,592.00
			Grant Total:	4,88,992.00

LIST OF EQUIPMENTS & INSTRUMENTS UNDER IDP

DEPARTMENT OF GEOGRAPHY

Sl.No:	Name of Equipment & Instrument	Quantity (Nos)	Approximate Cost
1	Computer (High Configuration)	18	720000.00
2	Printer (Laser)	2	30000.00
3	Scanner	1	15000.00
4	Aerial Photograph	16	16000.00
5	Pocket Stereoscope	16	16000.00
6	Mirror Stereoscope	16	30000.00
7	Parallax Bar	16	48000.00
8	Eidograph	1	15000.00
9	Mercury Barometer	16	16000.00
10	Aneroid Barometer	16	16000.00
11	Wind Vane	16	16000.00
12	Manual Theodolite (Set)	1	15000.00
13	Digital Theodolite (Set)	1	30000.00
14	Clinometer	2	10000.00
15	Hypsometer	2	10000.00
16	Sextant	2	20000.00
17	Digital Image (Hard Copy And Soft Copy)	16	80000.00
18	Toposheet	200(L/S)	15000.00
19	Tracing Table (4'x4')	2	20000.00
20	Globe (Illuminating)	2	3000.00
21	Steel Almirah With Glass Door (6')	4	40000.00
22	Steel Table (Official)	4	32000.00
23	Office Chair	4	24000.00
24	Honours Laboratory Room (30'x 20')	1	950000.00
25	Honours Class Room (30' X20')	1	950000.00
26	Class Room And Office Tile Flooring	L/S	150000.00
27	Map Stand	1	5000.00
28	Ply Room Separator (10'x 6')	4	20000.00
29	Projector (With All Accessories)	2	70000.00
30	Invertor	1	25000.00
31	Stabiliser	1	10000.00
32	Sanitary Fitting	L/S	40000.00
33	Digital Global Position System	1	300000.00
34	Electrification Of Class Room And Laboratory	L/S	50000.00
35	G.I.S Software (ArcGis 10 & QGIS)	L/S (1)	300000.00
36	Folding Chair (Steel)	48	192000.00
37	White Board	2	10000.00
38	Map & Charts	L/S	30000.00
39	Office Stationary	L/S	10000.00

Total Cost = 43,49,000.00

13/11/17
(Hon. Geostropher)

Dept of Physics

1ST SEMESTER

1

Sl. No	Name of expt. For which instrument required	Price (extra gst 18%)
1	To determine the moment of inertia of fly wheel	6500
2	To determine the modulus of rigidity of wire by Maxwell's needle	8000
3	To determine the coefficient of viscosity of water by capillary flow method	4500
4	To determine j and v for freely falling body using digital timing technique	16500
	total	35500

2ND SEMSTER

Sl.no	Name of experiment for which instrument required	Price (extra gst 18%)
1	To verify the thevenin & Norton theorem	11500
2	To verify the superposition theorem	11500
3	To determine the maximum power transfer theorem	11500
4	To determine the refractive index of material of prism using sodium lamp	35000
5	To determine the angle of prism	35000
6	To determine the dispersive power of prism	35000
7	To determine Cauchy's constant	35000
8	To determine the resolving power of prism	35000
9	To determine the wavelength of na & hg by plane diffraction grating	35000
10	To study lissajous figures	9000
11	To determine the resolving power of plane diffraction grating	35000
12	To determine the frequency of electrically maintained tuning fork by melde's experiment to verify $\lambda = 2 \cdot l$ law	13000
	Total	301500

3RD SEMESTER

Sl.no	Name of experiment for which instrument required	Price (extra gst 18%)
1	To determine j by calendar and barren's constant flow method	8000
2	To determine the temperature coefficient of resistance by "prt"	23500
3	To study the variation of thermo emf across two junction of thermo couple with temp	28500
4	To calibrate resistance temp device (rtd) using null method	22000
	total	82000

5TH SEMESTER

Sl.no	Name of practical for which instrument required	Price(gst 18% extra)
1	Measurement of susceptibility of paramagnetic solution	57000
2	To measure magnetic susceptibility of solids	90000
3	To determine the coupling coefficient of piezoelectric crystal	300000
4	To measure the dielectric constant of dielectric materials with frequency	39000
5	To determine the complex dielectric constant and plasma frequency of metal using surface Plasmon resonance	900000
6	To determine the refractive index of dielectric layer using spr	Same
7	To study the pe hysteresis loop of a ferroelectric crystal	same
8	To draw bh curve of fe using solenoid and determine energy loss from hysteresis	18000
9	To measure the resistivity of semiconductor (ge) with temperature by four probe method and to determine its band gap	23000
10	To determine the hall coefficient of a semiconductor sample	80000
	total	1386000

6TH SEMESTER

SL.NO	NAME OF PRACTICAL FOR WHICH INSTRUMENT REQUIRED	PRICE(GST 18% extra)
1	TO VERIFY the law of malus for plane polarized light	58000
2	To analyse elliptically polarized light by using a Bobbinet's compensator	21000
3	To study dependence of radiation on angle for a simple dipole antenna	90000
4	To determine the wavelength and velocity of ultrasonic wave in a liquid(kerosene oil) by ultrasonic grating	56000
5	To study reflection, refraction of microwaves	145000
6	To study polarization and double slit interference in microwaves	same
7	To determine refractive index of liquid by total internal reflection using Wollaston's air film	56000
8	To determine refractive index of liquid and glass by total internal reflection using Gaussian eyepiece	50000
9	To study the polarisation of light by reflection find angle for air glass interface	80000
10	To verify Stefan's law of radiation determine Stefan constant	21000
11	To determine the Boltzmann constant using vi characteristics of PN junction diode	16200
	Total	593200

Total amount required for all semesters

1st Semester – Rs 35500 /-

2nd Semester – Rs 301500 /-

3rd Semester – Rs 82000 /-

4th Semester – Rs 331500 /-

5th Semester – Rs 1386000 /-

6th Semester – Rs 593200 /-

Total Rs 27,29,700 /-

(Twenty Seven Lakhs Twenty Nine Thousand Seven Hundred Only)

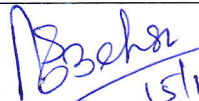
4th SEMESTER

Sl no	Name of experiment for which instrument required	Price (extra gst 18%)
1	To determine value of e/m by magnetic focusing	18000
2	measurement of Planck's constant using black body radiation	18000
3	To determine of work function of material of filament of directly heated vacuum diode	7500
4	Measurement of Planck's constant using leds of 4 different colours	18000
5	To determine wavelength of h-alpha emission line of hydrogen atom	54000
6	To determine the ionization potential of mercury	
7	To determine absorption lines in the rotational spectrum of iodine vapour	26000
8	To determine charge of an electron using Millikan oil drop apparatus	53000
9	To determine the wavelength of laser source using diffraction of single slit	39000
10	To determine the wavelength of laser source using diffraction of double slit	do
11	To determine the wavelength & angular speed of He-Ne laser source using diffraction grating	45000
13	Study of V-I & power curves of solar cells, and find a maximum power point & efficiency.	35000
14	To study the characteristics of a bipolar junction transistor in CE configuration.	Do
15	To study the various biasing configuration of BJT for normal class A operation.	do
16	To design a CE transistor amplifier of a given gain (mid-gain) using voltage divider bias.	same
17	To study the frequency response of voltage gain of a RC-coupled transistor amplifier.	same
18	To design a wien bridge oscillator for given frequency using an op-amp.	same
19	To design a phase shift oscillator of given specification using BJT.	same
20	TO study the Culprit's oscillator.	same
21	To design a digital to analog converter (DAC) of given specification.	same
22	To study the analog to digital converter (ADC) IC.	same
23	To design an inverting amplifier using Op- amp(741,351) for dc voltage of given gain.	same
24	To design inverting amplifier using Op-amp (741,351) and study its frequency response.	same
25	To design non -inverting amplifier using Op-amp (741,351)&study its frequency response.	same
26	To study the zero-crossing detector and comparator.	same
27	To add two dc voltage using Op-amp in inverting and non-inverting mode.	same
28	To design a precision differential amplifier of given I/O specification using Op-amp.	same
29	To investigate the use of an Op-amp as an integrator.	same
30	To investigate the use of an Op-amp as a differentiator.	same
	total	331500

DEPARTMENT OF ZOOLOGY

Laboratory Equipment List

Sl no	Equipment	Specification	Approx price
1	Laminar air flow	Laminar Flow Cabinets complete with HEPS filter having efficiency of 99.97% down on 0.3microns.pre filter 90 % down to 5 micron, suitable motor blowing assemblies, working table SS top, side Acrylic panel, fluorescent tube Lights & Pressure differential manometer & castor wheels. U. V. Light & Gas cork 7 Plexi doors.	Rs 50,000/piece
2	Smart Class Projector & Smart Board	Effective Touch Area (Inches) 65" x 46", Operating System Windows, Included Accessories : USB Connector, LED Interactive PEN, Software CD, Mounting	Rs 1,00,000/-
3	Egg Incubator	Fully automatic , 200 cap	Rs 25,000/Piece
4	Cold Centrifuge	Maximum speed: 20000 rpm, Speed holding accuracy: 100 rpm, Digital timer: 0 - 99 minutes, Maximal centrifugal force RCF: 2300, Temperature: -20 degree C to + 40 degree C	Rs 1, 20,000/piece
5	Thermostatic Water bath	Material: Inside Body Fully Stainless Steel, Coating: Outside MS Powder Coated, Standard Model: 6 Holes & 12 Holes for 500ml Beaker, Power: 300W	Rs 12,500/piece
6	Green silent generator	Mahindra powerol 30KVA Diseal	Rs 3,50,000/
7	Gel Electrophoresis		Rs 1.50,000/-


15/11/18
HOD, Zoology