

**OFFICE OF THE PRINCIPAL,
S.C.S. AUTONOMOUS COLLEGE, PURI
NO. 441 / DATE. 09.02.2024**

TENDER CALL NOTICE

Sealed Tenders are invited from interested reputed registered firms/ authorized suppliers having valid up-to-date GST/IT Clearance Certificate alongwith Dealership Certificate for supply of Laboratory equipments/ articles of reputed make, so as to reach the undersigned **on or before 26.02.2024 by 5.00 P.M. by Regd./ Speed Post.**

For details, visit the college website:
<http://scscollege.nic.in/>

Sd/-
Principal,
S.C.S. (A) College, Puri

Memo No. 442 / Date. 09.02.2024

Copy forwarded to the Deputy Director (Advertisement), Information and Public Relation Department, Govt. of Odisha with a request to publish the above advertisement in the next Odia & English Daily edition both (All Odisha Publication) in the I & PR rate contract by using minimum space.

M. Prasad
9/2/24
Principal,
S.C.S. (A) College, Puri
Principal
S.C.S. (A) College, Puri

Memo No. 443 / Date. 09.02.2024

Copy forwarded along with advertisement details enclosed to the District Informatics Officer, NIC, Puri for information and necessary action with a request to upload in the college website: <http://scscollege.nic.in/> for the greater interest of the public.

M. Prasad
9/2/24
Principal,
S.C.S. (A) College, Puri
Principal
S.C.S. (A) College, Puri



Letter No. SCSA/2023-24/ 440

Date. 09.02.2024

EXPRESSION OF INTEREST


SAMANTA CHANDRA SEKHAR (AUTONOMOUS) COLLEGE, PURI, ODISHA through Open Tender Enquiry (OTE) invites Expression of Interest (EOI) from registered reputed original equipment manufacturing Companies/ Firms or their authorized partners/ agents/ distributors to supply various laboratory equipments/ instruments/ accessories as listed in **Scheduled-I**. EOI cum tender bid fee of **Rs. 1,000/- (Rupees one thousand only - Non refundable)** by Demand Draft drawn in favor of **“Principal, S.C.S. Autonomous College, Puri, payable at Puri** in any nationalized bank to be submitted along with EOI bid.

1. Single bid for supply, installation & commissioning of the items listed in **Schedule – I** can be submitted in an envelope duly sealed and super scribed **“BID FOR DEPARTMENT of EOI No.....”** to the Principal, S.C.S. (A) College, Puri-752001, Odisha, India by Speed Post/ Registered Post only. It should reach on or before **26.02.2024 by 5.00 P.M.**
2. **DUE & OPENING DATES:** The tenders will be opened **on 27.02.2024 at 3.30 P.M. in the Principal’s Chamber** of the college before the Purchase Committee. In case opening date happens to be a holiday, the tender will be opened on next working day at the same time & location.
3. The College is not responsible for non receipt of tenders within the specified date and time due to any reason including postal delay or holidays.
4. The vendor must submit the following documents:
 - a) Bidder Profile Annexure-I
 - b) **SPECIFICATIONS:** Specifications are basic essence of the product. It must be ensured that the offers must be strictly as per our specifications. At the same time it must be kept in mind that merely copying our specifications in the quotation shall not make the parties eligible for consideration of the quotation. A quotation is to be supported with the printed technical leaflet/ literature of the quoted model of the item by the quoting party/ manufacturer and the specifications mentioned in the quotation must be reflected/ supported by the printed technical leaflet/ literature. Therefore, the model quoted invariably be highlighted in the leaflet/ literature enclosed with the quotation.
 - c) Authorized partner/ dealer/ distributor must submit appropriate authorization certificate from the original manufacturer for participation in the said tender.
 - d) EOI cum tender Bid Fee of **Rs. 1,000/-** by Demand Draft drawn in favour of **‘The Principal, S.C.S. Autonomous College, Puri-752001, Odisha, India’** payable at Puri in any nationalized bank.
 - e) Attested copy of PAN card, Aadhar Card and GST registration papers
 - f) Banker’s Solvency Certificate.
 - g) Audited statement of accounts and IT returns for the last three years

- h) Name and address of past satisfactory supplies with minimum two POs to whom such items/ stores have been supplied should be mentioned in the technical bid.
 - i) Copy of mandatory test reports, national testing/ reliability and endurance test reports etc., certified or conducted at the manufacturing site, granted by the bureaus/ quality control departments/national testing laboratories.
 - j) The OEMs/ Vendors need to submit a certificate that they are not currently debarred or **blacklisted (Annexure-II)** in S.C.S. (A) College, Puri for any supplies, products or services, or at present in any national organization or educational institute/ college.
 - k) Offer should be a page numbered and signed by an authorized signatory giving his/her name and designation below the signatures with Signed copy of the tender document, company seal, agreeing to the terms & conditions and declaration.
 - l) Unit price of each product and accessories should be quoted separately. Maximum educational discount for College as could be offered should also be mentioned. The bidders should mention in the quotation, the rate/ amount of five year comprehensive annual maintenance charges, if we opt for maintenance contract after expiry of the warranty period.
 - m) Please quote best minimum prices applicable for a premiere Educational institution, leaving no scope for any further negotiations on prices.
 - n) The quoting party should give a certificate to the effect that the quoted prices are the minimum and they have not quoted the same item on lesser rates than those being offered to College to any other customer nor they will do so till the validity of offer or execution of the purchase order, whichever is later.
 - o) Copies of at least last two-supply orders received from other customers or details of last two supplies made to other customers preferably in Odisha for the same item/ model may be submitted with the offer giving reasons of price difference of their supply order & those quoted to us, if any.
 - p) The party must give details of identical or similar equipment, if any, supplied to any College laboratory during last three years along with the final price paid and Performance certificate from them.
 - q) Purchaser's right to accept any Bid and to reject any or all Bids: The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to award of Contract, without thereby incurring any liability to the affected Bidder or bidders or any obligation to inform the affected Bidder or bidders of the grounds for the Purchaser's action.
5. **Offer validity period:** Bid shall remain valid at least for a period of **120 days** after the date of opening of bid prescribed by the Purchaser. A bid valid for a shorter period may be rejected by the Purchaser as non-responsive. In exceptional circumstances, the Purchaser may solicit the Bidder's consent to an extension of the period of validity. The request and the responses there to shall be made in writing or by e-mail.
6. **Performance Guarantee:** Performance Security for an amount of 5% of the order value may be furnished in the form of an Account payee Demand Draft, Fixed Deposit Receipt from a Commercial bank or Bank Guarantee from a Commercial bank in an acceptable form by the successful bidder. Performance Guarantee is to be furnished within 21 days after notification of the award and it should remain valid for a period of 90 days beyond the date of completion of all contractual obligations of the vendor, including warranty obligations.

7. The Cost of the equipment/ items should be inclusive of all taxes and statutory levies. Labour, installation charges, packing, insurance, freight, pre installation requirements etc. should be mentioned separately (inclusive of all taxes liveable on them). Price to be quoted FOR S.C.S. (A) College, Puri, Odisha, India.
8. Annual turnover of the bidder for each of the last three financial years should not be less than 10/- lakhs (Rupees Ten Lakhs). Financial statements with net profit, duly audited/ certified by Chartered Accountant (CA) of the last three financial years along with the copies of Income Tax Return (ITR) must be enclosed with the bid.
9. **Warranty:** The equipment/instrument must be guaranteed/ warranted for a period of at least two year, if not specifically mentioned otherwise in the specifications sheet, from the date of its satisfactory installation/ commissioning against all manufacturing defects. If the equipment is found defective during this period the whole equipment or part thereof will have to be replaced/ repaired by the supplier free of cost at the lab. Or at site of the supplier for which 'to and fro' expenses will be borne by the supplier. Availability of spare parts of the equipment/ instrument must be guaranteed for a period of at least five years from the date of supply. The warranty period and validity of Performance Guarantee shall be extended for the period of delay in satisfactory installation and delay in warranty services.
10. **Delivery period:** The complete delivery of goods, installation & commissioning of both the equipments/instruments should be made within **10 days** from the date of issue of purchase order (PO)/ as mentioned in the PO.
11. Installation and Commissioning: **It should be free of cost at College.**
12. The OEM should be an ISO-9000 and ISO-14001 certified company with due credits to energy conservation and green earth compliance (copy of the certificate should be provided).
13. Firm has to quote their rates only **on the format attached at Schedule-I**. Rates quoted on other format or specifications are not be accepted.
14. Relevant documents of the OEM shall be enclosed, along with the Bid. Any explanation on this account shall be supported with documentary evidence from the principals.
15. **The College does not bind** itself to offer any explanation to those bidders whose bids have not been found acceptable by the Bid Evaluation Committee of the College.
16. The successful bidder with quoted price as approved by college shall be considered for issue of purchase order only when the bidder fulfils all the terms and conditions laid down in tender document/ PO & **shall submit bid security @ 5% of total estimated amount mentioned in PO in form of demand draft/ BG in favour of "The Principal, S.C.S. (Autonomous) College, Puri" payable at Puri**. The bid security will be returned back without any interest to bidder on successful execution of the purchase order/work order.
17. The vendor should adhere with all seriousness to the time schedule provided by the College. The **Liquidated Damage** will be applicable at the rate of 0.5% per week. The purchaser has the right to cancel the purchase order when LD accumulates to 10%. **The same rate of penalty shall be applicable for late installation of the equipment/ instrument also.**
18. The specification & quantity indicated in the **Schedule-I**. College reserves the right to increase or decrease the quantity or delete some or all of items depending on the needs of the College without assigning any reasons, there upon.

19. **Payment on Bill Basis after supply:** No advance payment will be made at any circumstances. The payment will be made only after satisfactory installation, commissioning and performance of the equipment at S.C.S. (A) College, Puri and after certification by our technical expert. However, supplier will be required either to submit **performance bank guarantee for 5% amount of the total value of equipment, after installation of the material, valid up to 60 days after the expiry of warranty period or the equivalent amount shall be released after expiry of the satisfactory warranty period.**
20. College may accept or reject any or all the bids in part or in full without assigning any reason and does not bind himself to accept the lowest bid. The College at its discretion may change the quantity/ upgrade the criteria/drop any item or part thereof at any time before & after placing the Purchase Order.
21. The bids once submitted shall be the property of the College and shall not be returned to the vendor in future. A bid submitted with false information will not only be rejected but also the OEM/vendor will be debarred from participation in future tendering process. Late or delayed/Unsolicited quotations/offers shall not be considered at all. Post tender revisions/corrections shall also not be considered.
22. **Resolution of disputes:** College and the vendor shall make every effort to resolve amicably, by direct informal negotiations, any disagreement or dispute arising between them under or in connection with the contract. If after thirty days from the commencement of such informal negotiations, College and the vendor have been unable to resolve amicably a resolution by formal arbitration the Principal of College shall appoint a sole Arbitrator of the dispute who will not be related to the vendor and whose decision shall be final and binding. In case of any dispute, the decision of the Principal of this College shall be final and binding on the bidders.
23. **Jurisdiction:** All disputes will be subject to Puri, Odisha jurisdiction only.
24. All correction/corrigendum will be given in our website i.e. <https://scscollege.nic.in/> only. Please visit college website regularly for any information/updates.


9/12/24
Principal
S.C.S. (A) College, Puri
S.C.S. (A) College, Puri

ANNEXURE – I

FORMAT TO BE FILLED BY THE MANUFACTURERS/ INDIAN AGENTS (ON BEHALF OF THEIR FOREIGN PRINCIPLES) OR THEIR AUTHORIZED COUNTRY DISTRIBUTORS/ REPRESENTING DEALERS/ REGIONAL AGENCIES, SUBMITTING TENDER

BIDDER PROFILE (TECHNICAL)

Sl. No.	Details	
1.	Name of the Firm	
2.	EOI Fee Details	
	Name of Bank	
	Amount	
	Date	
3.	Registered Office address	
	Telephone Number	
	Fax Number	
	E-mail	
4.	Correspondence/ contact address	
5.	Details of Contact person	
	(Name, designation, address etc.)	
	Telephone Number	
	Fax Number	
	e-mail	
6.	Is the firm a registered company? If yes, Submit Documentary proof. Year and Place of the establishment of the Company	
7.	Bidder's Bank Details Name of Bank	
	A/c No.	
	IFSC Code	
8.	Government/ Public Sector Undertaking propriety firm partnership firm (if yes, give partnership deed) limited company or limited corporation member of a group of companies (if yes, give name and address, and description of other companies) subsidiary of a large corporation (if yes give the name and address of the parent organization) If the company is subsidiary, state what involvement if any, will the parent company have in the project.	

9.	Is the firm registered with sales tax department? If yes, submit valid sales tax registration certificate.	
10.	Is the firm registered for service tax with Service Tax department? If yes, Submit valid service tax registration certificate.	
11.	What type best describes your firm?	
	• Manufacturer	
	• Supplier	
	• System Integrator	
	• Consultant	
	• Service Provider (pl. specify details)	
	• Others	
12.	Details of Empanelment Certificate/ Purchase Order of any 3 PSUs/ Govt. institutions, enclosed	
	1)	
	2)	
	3)	
13.	Have you ever been denied tendering facilities by any Government/ Department/ Public sector Undertaking? (Give details)	

Sl. No.	Name of the Bidder	Turn Over (Rs. Crores)			Average Turn Over for three years
		2020-21	2021-22	2022-23	

Note: Please enclose certificate issued by CA in this regard.

Seal & Signature of Bidder

DECLARATION

1. I,.....Son/
Daughter of Shri
Proprietor/ Partner/ Director/ Authorised Signatory of M/s.....
..... am competent to sign this
declaration and execute this EOI cum tender bid document.
2. I have carefully read and understood all the terms and conditions of the EOI cum
tender bid and hereby convey my acceptance of the same.
3. The information/ documents furnished along with the above application are true and
authentic to the best of my knowledge and belief.
4. I/ we/ am are well aware of the fact that furnishing of any false information/
fabricated document would lead to rejection of my bid at any stage besides liabilities
towards prosecution under appropriate law.
5. Our firm is neither blacklisted by any Government Department nor is any Criminal
Case registered against the firm or its owner or partners or directors anywhere in
India.
6. Each page of the tender document and papers submitted by my Company is
authenticated, sealed and signed, and I take full responsibility for the entire
documents submitted.

Signature of the Authorized Person

Date:.....

Place:.....

Full Name:.....

Company Seal:.....

Mobile No:.....

Note:

1. **The above declaration, duly signed and sealed by the authorized signatory of the firm/company, should be enclosed with the EOI cum tender bid document.**
2. **Certificate as per above must be submitted only on non-judicial stamp paper of suitable amount.**

SELF DECLARATION FOR NOT BLACK LISTED

To
Principal,
S.C.S. (Autonomous) College, Puri - 752001

Ref: Tender No. _____ / Dated. _____

Madam/ Sir,

I/ We _____ hereby confirm that our firm has not been banned or blacklisted by any Government Organization/ Financial Institution/ Court/ Public Sector Unit/ Central Government.

Date:

Place: (Signature and seal of the bidder)

SCHEDULE – I**LIST OF ITEMS TO BE SUPPLIED AND INSTALLED****DEPARTMENT OF ANTHROPOLOGY**

Sl. No.	Name of the Articles/ Equipments	Specification	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S. (A) College, Puri, Odisha
Archaeological Lab:					
1	Core Hammer stone	Reputed make			
2	Bifacial Chopping Tool	Reputed make			
3	Tear drop Hand Axe	Reputed make			
4	Hand-Axe cum Scrapper	Reputed make			
5	Cleaver	Reputed make			
6	Core scrapper	Reputed make			
7	Scrapper	Reputed make			
8	Pebble	Reputed make			
9	Sharpening Stone	Reputed make			
10	Core Chopper	Reputed make			
11	Ovate Handaxe	Reputed make			
12	Thumb-Scrapper	Reputed make			
13	Hand-Axe	Reputed make			
14	Wide-Borer	Reputed make			
15	Biconcave Scrapper	Reputed make			
16	Fine-Borer	Reputed make			
17	Point	Reputed make			
18	Bone Awls	Reputed make			
19	Elephant tusk flaker	Reputed make			
20	Notched Arrowheads	Reputed make			
21	Blades	Reputed make			
22	Trapeze	Reputed make			
23	Tanged Arrowheads	Reputed make			
24	Knives	Reputed make			
25	Flake Scrapper	Reputed make			
26	Triangle	Reputed make			
27	Fluted Core	Reputed make			
28	Adze	Reputed make			
29	Carved axe for Hafting	Reputed make			
30	Ring Stone	Reputed make			
31	Chisel	Reputed make			
32	Mallet Axe	Reputed make			
33	Tortoise core	Reputed make			
34	Celt, Flaked Celts, Shouldered Celts	Reputed make			
35	Harpoons	Reputed make			

Sl. No.	Name of the Articles/ Equipments	Specification	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S. (A) College, Puri, Odisha)
36	Lunate	Reputed make			
37	Willow Leaf Point	Reputed make			
38	Laurel Leaf Point	Reputed make			
39	Polished Celts	Reputed make			
40	Venus of Willendorf	Reputed make			
41	Venus of Dolni Vestonice	Reputed make			
42	Baton d' Commandment	Reputed make			
43	Venus Figurines	Reputed make			
44	Varieties of Bone Tools, fish hooks, needle, etc.	Reputed make			
Biological Lab					
45	Seed bag for skull	Reputed make			
46	Mandibulometer	Reputed make			
47	Skinfold caliper	Reputed make			
48	Martin Anthropometer rod	Reputed make			
49	Osteometric board	Reputed make			
50	Steel tape	Reputed make			
51	PTC test kit	Reputed make			
52	G6PD Deficiency test kit	Reputed make			
53	Sliding caliper	Reputed make			
54	Spreading caliper blunt-end	Reputed make			
55	Spreading caliper pointed-end	Reputed make			
56	Goniometer	Reputed make			
57	Saliva test kit	Reputed make			
58	World map	Reputed make			
59	Indian maps of both physical and political	Reputed make			
60	Tribal maps of India	Reputed make			
61	Indian Archaeological sites Map (Lower, Middle, Upper Paleolithic, Mesolithic, Neolithic, Bronze and Iron age)	Reputed make			
62	Demographic Tribal Maps of Odisha	Reputed make			
63	DNA distribution Maps	Reputed make			
64	Geological time scale-	Reputed make			
65	Human skeleton map	Reputed make			
66	Five views of Skull (Norma views)	Reputed make			
67	Balance dietary Map WHO	Reputed make			
68	Karyotyping chart (Male, Female normal)	Reputed make			

Sl. No.	Name of the Articles/ Equipments	Specification	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S. (A) College, Puri, Odisha)
69	Karyotyping chart (Chromosomal abnormalities-turner, down syndrome, etc)	Reputed make			
70	For Making Fingerprints:	Reputed make			
71	Porelon finger printing pads	Reputed make			
72	Laminated fingerprint cards	Reputed make			
73	Black powder	Reputed make			
74	White powder	Reputed make			
75	White powder brushes	Reputed make			
76	Fingerprint lifting tape	Reputed make			
77	Jar orange powder	Reputed make			
78	Jar magnetic powder	Reputed make			
79	Magnetic Powder Applicator	Reputed make			
80	Blue light	Reputed make			
81	Laminated fingerprint types identification cards	Reputed make			
82	Box latex or nitrile gloves (XS for elementary grades, M for older students)	Reputed make			
83	Feet of yellow crime scene tape	Reputed make			
84	Knee calipers (Calipers for Knee Height)	Reputed make			
85	MUAC (Mid upper arm circumference) tape	Reputed make			
86	MUAC tape (coloured)	Reputed make			
87	Waist circumference tape	Reputed make			
88	Calf circumference tape	Reputed make			
89	Head circumference tape	Reputed make			
Furniture					
90	Museum Display Table	Reputed make			
91	Faculty Tables	Reputed make			
92	Almirahs With Keys	Reputed make			
93	Iron Self With Key	Reputed make			
94	White Board	Reputed make			
95	Green Board	Reputed make			
96	Office Chair	Reputed make			
97	Digital Podium	ASL-3000R , 90 W			
98	Ceiling Fan	Reputed make			

DEPARTMENT OF BOTANY

Sl. No.	Name of the Articles/ Equipments	Specifications	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S (A) College, Puri, Odisha)
1	Anemometer Digital	Wind flow measuring gauge.			
2	Arc Indicator-Auxanometer	Apparatus for measuring increase or rate of growth in plants. In case of an arc-auxanometer			
3	Audus microburette	Is used to measure the rate of photosynthesis in plants.			
4	Benchtop Incubator	Chamber Volume 15, Number Of Shelves: 2 Shelves Temperature: 5 to 60 Degree C			
5	Burettes with glass stopclock	100 ml, graduation interval 0.20			
6	Burette stand	Burette Stand, Clamp			
7	Forest Caliper	100cm			
8	Colorimeter	Range : 400-700nm Display: Absorbance & Wavelength Detector Set of Test Tube 6 Nos.			
9	Dessicator	Glass Desiccator with Cover Knob and Porcelain Plate ONE UNIT. 6 inch/150 mm/15 cm.			
10	Digital Dissolved Oxygen Electrode	Range : 0-20 mg/l Parameter : % Saturation of Oxygen, Dissolved Oxygen (DO)			
11	Digital Dry bath mini 1.5 ml	Block Capacity: 12 x 1.5ml Tubes			
12	Digital Microscope with Display Facility	USB Digital Microscope 5MP 10 - 300 Magnification,			
13	Dram Auxanometer	Apparatus for measuring increase or rate of growth in plants. In case of an dram-auxanometer			
14	Electric Bunsen Burner with Controller	Energy efficient only consumes 400 W of power			
15	Eppendorf tube	0.5ml, 1ml, 1.5ml and 2ml			
16	Farmer's Potometer	Potometer Farmers With Glass Bottle			
17	Ganong's Potometer	Potometer Ganong's With Glass Bottle			
18	Ganong's Respirometer	Material: Glass, size 300ml, pipe length: 12 inches with stand			
19	Gel Electrophoresis Horizontal Unit	with complete set (Comb, glass plate etc all included) and power pack			
20	Gel Electrophoresis Vertical Unit	with complete set (Comb, glass plate etc all included) and power pack			
21	Gel Rocker	320W X 320D X 260mmH, Rocking stroke: 10 to 80 RPM			
22	Goggles for UV Blocking	Safety Goggles Eyes Protection Glasses - Clear Anti Fog, Scratch, Mist, Wind UV Protection Goggles			

Sl. No.	Name of the Articles/ Equipments	Specifications	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S (A) College, Puri, Odisha)
23	Heating Mantle	Capacity 1Lt.			
24	Inoculation loop	Consists of a looped nichrome wire fixed into a brass handle (200 mm long). The durable nichrome wire loop is 24 gauge and 75 mm long			
25	Kuhne's Fermentation Vessel	Fermentation tube with stand			
26	Leaf area meter	Resolution 0.1mm Measuring Length \leq 2000mm Measuring Width \leq 213mm Thickness \leq 3mm Data capacity 5000 Groups			
27	Lovibond Comparator	Enables cells with a depth of 40mm			
28	Micrometer Burette	Graduated up to 50 ml with subdivisions every 0.1 ml PTFE stopcock			
29	Micropipette tips	0-200 μ l and 200-1000 μ l			
30	Micropipette	100-1000 μ l			
31	Micropipette	20-200 μ l			
32	Micropipette	200-1000 μ l			
33	Micropipette	1000-5000 μ l			
34	Micropipette	2-10ml			
35	Microtome Rotary (Digital)	Section thickness, range: 1~100 μ m, Digital			
36	Microwave oven	32D x 45.5W x 25.2H Centimeters, 20Lits			
37	Pasture pipette	3 ML Pack of 100			
38	PCR Plate	Dimension- 330Wx30Dx20H(CM)			
39	Pen Microscope	1000x 2MP 8 LED USB Portable Digital Microscope			
40	pH glass electrode	Connector 0-14 pH			
41	Platform shaker	Rectangular Platform Vortex Shaker			
42	Projection Microscope	500xmagnification, Achromatic Objectives:4X, 10X, 20X, 40X or 60X			
43	Respiroscope	Respiroscope With Glass Bottle			
44	Rocking Shaker for SDS-PAGE	10-50 RPM			
45	Sieve shaker	Stainless Steel Table Top Sieve Shaker with Six Brass Sieve & One Pan			
46	Soil hydrometer	Specific gravity hydrometer 1.200-1.420:0.002 300 mm, PC, 20°C			
47	Bath Sonicator	100Watt,3lit Capacity,			
48	Soxhlet Apparatus	Soxhelt Extraction Units (Mantel Type) Technical Specifications: The body is made of M.S duly powder coated, The equipment consists of 3 or 6 mantels with			

Sl. No.	Name of the Articles/ Equipments	Specifications	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S (A) College, Puri, Odisha)
		separate energy regulators control. Complete with stand, clamp holders etc. Supplied with glass parts.			
49	Spinwin MC-00 Micro Centrifuge	6 place Rotor for 1.5 tubes			
50	Stage Micrometer	Measure samples and calibrate your microscope Scale: 1mm Resolution: 0.01mm, Dimensions:76.2 x 25.4 mm, Thickness: 1.10 mm			
51	Stereo Microscope	Stereo Zoom Microscope, magnification: 7x – 45x			
52	T/A Apparatus	Transpiration and absorption meter			
53	Test tube with cap	Test Tube with Screw Cap - Culture Tubes - 5mL {Pack of 50}			
54	Tissue culture microscope	Weswox 40x-400x Inverted Tissue Culture Microscope			
55	Trinocular Microscope	Objective:4x/NA 0.10, 10x/NA 0.25, 40x/NA, 0.65, Objective: 100 x NA 1.25 (SL) Oil imm			
56	Tripod Stand	100x150 mm Tripod Stand with Round or triangle top			
57	Vaccum Pump	16.6liters/min-Blower efficiency, Dust capacity-1lit, cord length-5mt, Dimension-317 x 129 x 157mm			
58	vials	COD Digestion Vials, High Range, pk/ 25			
59	Wilmott's Bubbler	Wilmott's Bubbler with glass bottle			
60	Soil pH meter	This 3 in 1 soil tester integrated the function of soil moisture meter, soil ph meter and sunlight meter.			
61	Soil Thermometer	In 1 Soil Thermometer Measures Soil Temperature Air Temperature Humidity Air and Sunshine			
62	Cellulose acetate membrane	Cellulose Nitrate Membran plain, 1.2 µm pore size,			
63	BOD Bottle	500 ml			
64	BOD Bottle	1000ml			
65	Crucibal with lid	capacity-100ml,round porcelain, 700-1100°C (Resistance)			
66	Wash bottle	500ml			
67	Wash bottle	100ml			
68	Wash bottle	200ml			
69	Separating Funnel	1000ml			
70	Cuvettes (glass)	10mm Include PTFE Cover			
71	Cuvettes (Quartz)	10mm Include PTFE Cover			
72	pH paper	pH Indicator Paper pH 1.0 to 14.0,			

Sl. No.	Name of the Articles/ Equipments	Specifications	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S (A) College, Puri, Odisha)
		The 10 Books per pack (Each book contain 20 Papers)			
73	Boiling Tubes	Test Tubes have good resistance to chemicals & Heat Capacity 55 ml. Dimensions : 25 mm x 150 mm			
74	PCR Tubes	0.5ml			
75	pH meter	HM Digital PH-800 Hydrotaster LCD Display, PH Meter With Auto, Calliberation and temp. display			
76	Soil testing Kit	Soil Test Kit With Range: 5 Parameters			
77	Water analysis Kit	Measures six parameters common in water quality testing: alkalinity, chloride, hardness, iron, pH, and sulfite.			
78	Centrifuge tube	15 MI Polypropylene/High Density Autoclave, Conical Bottom Sterile (Pack of 30 Pcs)			
79	Beaker	500ml			
80	Beaker	Borosil, 1000ml			
81	Cavity slides	Borosil, 1 cavity			
82	Cavity slides	Borosil, 2 cavity			
83	Capillary tube	Borosil			
84	Instrument sterilizing pan	Amazecare,150mm			
85	Measuring cyclinder	Borosil,10m, per case			
86	Measuring cyclinder	Borosil, 50ml, per case			
87	Thermometer	0-2200 F			
88	Mortar and pestle	150 x 110 mm (Porclain)			
89	Pipette stand vertical	Z Shape Linear			
90	Rack for petridish	for 90 mm petridish , places 60			
91	Slide Draining Rack	Having 200 places			
92	Test tube for colorimeter	Borosil			
93	Wire Gauge	5" x 5"			
94	Glass spreader	T- Shaped			
95	Glass spreader	L- shaped			
96	Drigalski spatula	Borosil			
97	Cell strainers	Reputed brand			
98	Cover slip	Square ,22x40mm			
99	Cover slip	Square ,22x50mm			
100	Cover slip	Round, 18mm			
101	Centrifuge tube Box (plastic)	15 ml			
102	Conical flask	1000ml			
103	Contact plate Radiation Sterile	55 x 14 mm ,lockable domer for colony counting			

DEPARTMENT OF CHEMISTRY

Sl. No.	Name of the Articles/ Equipments	Specification	Unit Price	GST/ Any Other Tax	Total Price (for S.C.S (A) College, Puri, Odisha
1	Conductivity meter	KLCTM-201 Conductivity and TDS Meter Accuracy: 0.01 Temperature Range: 100°C			
2	Digital potentiometer type -118	Display: 31/2 Digit LED mV Accuracy: +-1mV +-1digit mV Range: 0+-199.9; 0+-1999			
3	Digital balance model CG203L	Weighing Capacity Range Digital Type LCD Weight capacity 0.2 Kg, readability: 0.001g			
4	PH meter	HTLP Digital pH Meter HTLP-081, Display Type: LED Display Included Components : Buffer & pH Electrode, Voltage: 220-230V AC, pH Range: 0.01 to + 14 pH			
5	Thin layer chromatography	AS ONE Aluminum Plate A2017 100×100 mm, 3-2818-11			
6	Chromatography paper sheet	Labsurge Chromatography Paper Sheet/ Blotting Paper Sheets/ Chemistry Laboratory Equipment/Scientific and Laboratory Product, Pack of 10 Sheets			
7	Suction pump with air jar	Tarson 7125 Vacuum Trap Kit Capacity 1000 ml 7125			
8	Magnetic stirrer with hot plate digital display	5MLH 5Ltr Magnetic Stirrers with Hotplate (REMI)			
9	Stalagnometer	ABG Borosilicate Glass Stalagmometer Straight. One Unit			
10	Grham coil condencer (reflux condencer300mm,24/29)	300mm 24/29 graham condenser, 300mm,Condenser with coiled innner tube standard ground mouth 24/29,Used for distillation unit.			
11	Cooling Machine	446 L 1 Star Frost-Free Smart Inverter Double Door Refrigerator (GL-T502APZR, Shiny Steel, Convertible & Door Cooling+)			
12	Digital melting point apparatus	Manti Lab MT-935 Digital Melting Point Apparatus 20 - 2750°C Display: 4 Digit LED Temperature Sensor: PT-100 Temperature Range: 20-2750°C			
13	Polypropylene Round Pneumatic Trough	Polypropylene Round Pneumatic Trough Height: 60 mm Diameter: 180 mm			
14	Rota evaporates with vaccume pump and chiller automation grade	300 50 Rotary Evaporator With Vaccum Pump And Chiller, Automation Grade: Semi-Automatic			
15	Desicator plain (150mm)	BOROSIL			
16	Optical desicator(250mm)	BOROSIL			
17	Heating mentle 300ml	BOROSIL			
18	Heating mentle 500ml	BOROSIL			

Sl. No.	Name of the Articles/ Equipments	Specification	Unit Price	GST/ Any Other Tax	Total Price (for S.C.S (A) College, Puri, Odisha
19	Test tube	Borosil			
20	Test tube pyrex	Ordinary			
21	Burette (50ml)	Simco (glass topper)			
22	Propipette (10ml)	Borosil			
23	Digital Thermometer (360 ⁰ c)				
24	Separating funnel(250ml)	Borosil			
25	Wide mouth bottle with lid(250ml)	Borosil			
26	Graduted cylinder (10ml, 20ml, 50ml each)	Borosil			
27	Volumetric flask(100ml)	Borosil			
28	Funnel	Borosil			
29	Porcelain basin	Borosil			
30	Pipette(1ml)	Borosil			
31	Pipette(2ml)	Borosil			
32	Pipette(5ml)	Borosil			
33	Pipette(25ml)	Borosil			
34	Micro pipette(10ml)	Borosil			
35	Round bottom flask (100ml)	Borosil			
36	Round bottom flask (150ml)	Borosil			
37	Round bottom flask (250ml)	Borosil			
38	Wire Gauze	Square size – 100mm x 100mm Maximum temperature up to 800°C			

DEPARTMENT OF COMPUTER SCIENCE

Sl. No.	Name of the Articles/ Equipments	Specification	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S (A) College, Puri, Odisha)
1	Desktop	12 th Gen Intel Core i3 Base clock 3.4 GHz), 8GB DDR4 RAM, 512GB m.2 NVMe SSD, Integrated Graphics, Ethernet, WLAN, 19.5" FHD monitor, KB, Mouse, Windows 11			
2	Printer(MFP)	Monochrome LASER, Print-Scan-Copy, ADF, Ethernet, Duplex, 25-30PPM, Memory.			
3	UPS	600 VA, AVR, Minimum 3 Indian output socket with Surge Protection, Minimum 30 Min backup for one Desktop & Monitor			
4	Projector	3600 Lumens, 3LCD, Resolution : XGA,1024X786,4:3 Auto Horizontal and vertical Keystone correction, 16000:1 Contrast ratio, With wall mount stand and kit (6' Adjustable), Wall hanging screen 4' X 6'			
5	Inverter	3.5 KVA with 4 X 150 Ah tall tubular battery, Battery stand (steel) With Installation			
6	Antivirus software	30 User for 3 Years (3 X 10 User pack)			

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Sl. No	Name of the Articles/ Equipments	Specification	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S. (A) College, Puri, Odisha)
1	pH meter	Display: 3 ½ Digit LED; Range pH mV °C: -2.00 to 20.00 0 to ±1999; Accuracy pH mV Â°C: ± 0.01 pH ± 1 mV			
2	Electrical conductivity meter	0.01 electrode:0.02 to 20.00us/cm; 4-20mA output,RS485; AC220±10%,50HZ			
3	Thermometer	Temperature measuring range: -20 to +110 °C; Temperature resolution: 1 °C; Temperature accuracy: ±3 °C			
4	Digital/ electronic Weighing balance	Maximum capacity : Minimum 320g +/- 10g, Readability: 0.1mg, Repeatability: 0.1mg			
5	Hot air oven	Temperature range: Ambient +10°C to 350°C; Construction: Double walled; Inner chamber: Stainless steel 304; Exterior: Powder coated steel sheet; Insulation: Ceramic wool insulation			
6	BOD incubator	Temperature Range: 2°C to 60°C; Internal Chamber: Stainless Steel; Capacity: 10 cu. Ft			
7	Double distillation unit	Cooling Water Consumption: 40 ltr/hr; Distillate Temperature: 60°C - 75°C + 5°C; Stages: Double Stage			
8	Glass Dessicator	Medium Standard Desiccator: 16.4"			
9	Spectrophotometer	• Detector. Solid State Silicon Photodiode.			
		• Printer Port;			
		• Wavelength Accuracy: +/-0.5 nm.;			
		• Light Source: Tungsten Halogen Lamp Deuterium Lamp;			
		• Photometric Resolution: 0.001 Abs;			
10	Microscope	• Absorbance Range: 2.5 Abs.			
		• Head: Binocular 30°. 360° rotating. 48-75mm interpupilar. +/- 5mm diopter on left tube.			
		• Objective Magnification: Semi plan 4x/0.10, 10x/0.25, S40x/0.65, oil immersion objectives. • Eyepiece Magnification: WF 10x/18mm.			
11	Centrifuge machine	Max Speed: 4500 RPM (3485 g) Max Capacity: 4 x 100 ml ; Multiple rotor: 2ml, 15ml, 50 ml			
12	Rain gauge	203mm (8 inch) dia; record up to 25mm			
13	Hygrometer	Range: 20 to 98%rh; Resolution: 1%rh; Accuracy: ±3%rh			

Sl. No	Name of the Articles/ Equipments	Specification	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S. (A) College, Puri, Odisha)
14	High volume sampler	Weight: 30 KG.			
		Airflow: 0.9 - 1.4 m ³ /min free flow.			
		Product Dimension: 430 x 320 x 930mm.			
		Voltage: 220 Volt.			
15	Pshychrometer	Accuracy: ± 4% RH; Battery life: 48hr			
16	Noise meter	Lo: 35-100dB low range measurement Hi: 65-130dB high range measurement; AC=0.65Vrms/dB, Output Impedance≤600Ω			
17	PM 2.5/ PM 10/Co2/ Particles analyzer	PM2.5,PM1.0,PM10 concentrations in mg/m ³ & in PPM; 8.5 x 3.3 x 8.5 cm; 195 Grams			
18	Soil tester	Measures pH, conductivity, NPK, Acidity			
19	Shaker	Speed Range: 20-300 rpm; Capacity: 250ml x 16 Flasks.			
		Display Type: DIGITAL RPM Indicator & DIGITAL Timer up to 999 min.			
		Shape: Rectangular.			
20	Magnifying lens	20 X magnification			
21	Boiling water bath	Chamber Dimensions, 300 x 250 x 100 mm, 355 x 405 x 100 mm ; No. of holes, 6, 12 ; Holes Dia. 75 mm ; Temperature range, 5°C above ambient to 100°C.			
22	Auto-pipette	Tarson/ Genslek (10ml)			
23	Auto-pipette	Tarson/ Genslek (1ml)			
24	Auto-pipette	Tarson/ Genslek (0.1ml)			
25	4 °C refrigerator	Temperature 4.0 Degree C with +- 1.0 Degree C Accuracy; capacity: 200 liters			
26	Magnetic stirrer	Speed control range: 250-1250 RPM; 35 x 60 x 0.2cm			
27	Magnetic retriever	Material – Outer Laboratory grade PTFE			
28	Hot plate	8.5 x 8.5 inches, 19 cm (Dia.) ; Temperature, 250°C.			
29	Magnetic bead	Bead with Pivot Ring (8x25mm)			
30	Autoclave	Chamber volume 90-100 liters; pressure 015 to 22 psi; heat resistant SILICON door gasket withstand upto 140 Deg. C.			
31	COD heating mantle	Multi Size / Bottom Outlet; Watts : 150; Size : 25-250 Ml; Temp. Range 450°C With Built In Energy Regulator			
32	TDS meter	0-9990 mg/L, Resolution- 1ppm, Accuracy= +/- 2%			
33	Portal Weighing Machine	0.1mg- 300g			
34	Stirring Rod	Glass			
35	Vortex shaker	100 -200 Rmp			

Sl. No	Name of the Articles/ Equipments	Specification	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S. (A) College, Puri, Odisha)
	Glasswares	Specification			
36	Measuring Cylinder	Borosil 25ml			
37		Borosil 50ml			
38		Borosil 100ml			
39		Borosil 250ml			
40		Borosil 500ml			
41		Borosil 1000ml			
42	Beaker	Borosil 10 ml			
43		Borosil 50 ml			
44		Borosil 100 ml			
45		Borosil 250 ml			
46		Borosil 500 ml			
47	Borosil 1000 ml				
48	Pipette	Borosil 50 ml			
49		Borosil 10 ml			
50		Borosil 2 ml			
51		Borosil 1 ml			
52	Burette	Borosil 50 ml			
53	Conical flask	Borosil 50 ml			
54		Borosil 100 ml			
55		Borosil 250 ml			
56		Borosil 500 ml			
57	Round bottom Flask	Borosil 250 ml			
58		Borosil 500 ml			
59	BOD bottle	Borosil 125ml			
60		Borosil 300ml			
61	Funnel	Borosil 100mm			
62	Reagent bottle	Borosil 250 ml			
63	Test tubes	Borosil 10ml			
64		Borosil 15ml			
65	Quartz Cuvette	Borosil 2 ml			
66	Glass slides	Borosil			
67	Cover slip	Borosil			
68	Silica crucible with lid	Stand temperature upto 800°C without lid. Capacity (ml.) 25.			
69	Petriplates	90mm; 121 degree celcius with sand temp.			
70	Permanent slides	Cyanobacteria, diatoms, BGA			
71	Durham tubes				
72	Agate Mortar pestle	Agate; 10 ml			
73	Burette stand				
74	Petridish	Tarson			
75	Pastuer pipette	Tarson			
76	Filter paper	Whatmann 0.2um			
77		Whatmann 0.45um			
78		Whatmann 0.8um			
79	Mohs hardness scale box				
80	Test tube Stand				
81	Centrifuge tube	Abdos 15ml			
82		Abdos 50ml			
83	Wash bottle	500ml			
84	Jerricane distilled water	Tarson; 5 L			
85	Pipette tip	Tarson 10ml			
86		Tarson 1ml			

Sl. No	Name of the Articles/ Equipments	Specification	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S. (A) College, Puri, Odisha)
87		Tarson 0.1ml			
88	Pipette tip box	1ml			
89	Pipette tip box	10ml			
90	Pipette tip box	200ul			
91	Chromatogram paper	Thickness 0.18mm, Smooth finish, Flow rate-130mm/30minutes			
92	Quadrat				
93	Spatula	Small and medium; stainless steel			
94	Innoculation loop	Loop Length (mm)44.5; 10ul			
95	Needle				
96	L- shape spreader				
97	Forcep				
98	Non- absorbent Cotton				
99	Plastic beaker	Tarson 250ml			
100	Effendorf tubes	2ml			
101	Brown paper				
102	pHpaper				
103	Gloves	Handpro nitrile (L,M,S)			
104	Butterpaper				
105	Aluminiumfoil	30 microns thickness			
106	Parafilm	100mm x 38m (WxL).			
107	Tissuepaper				

DEPARTMENT OF GEOGRAPHY

Sl. No.	Name of the Articles/ Equipments	Specification	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S. (A) College, Puri, Odisha)
1	IBM SPSS Software	IBM SPSS SOFTWARE (2 users 2 years)			
2	HP Desktop System set,	All-in-One PC 11th Gen Intel Core i5 23.8 inch (60.5cm) FHD Anti Glare 8GB RAM, 512GB SSD, Intel Iris Xe Graphics, Wireless Keyboard and Mouse			
3	UPS	INVERTER FOR GIS LAB (SMART 3750- 3 BATTERY)			
4	ANTI-VIRUS	10 USER			
5	Mirror Stereoscope	Bharat Emporium Mirror Stereoscope with 4x Binocular			
6	Magnifying Glass	Zurato Double Glass 3X High Power Antique Handheld Magnifier Magnifying Glass			
7	Lab Cooling Machine	Lloyd 1.5 Ton 3 Star Inverter Split AC-GLS18I3FWAGC			
8	Electronic Digital Teodolite	Bharat Emporium Labline Digital Theodolite Levels & Surveying Equipment Transits & Theodolites 3 years warranty			
9	Prismatic Compass with aluminium Adjustable Tripod Stand	AR ENTERPRISES Survey Prismatic Compass for Survey and Engineering Works Equipment Aluminum and Brass Mix Prismatic Compass with Adjustable Aluminum Tripod Stand			
10	Mineral & Rock Specimen Box	Rocksmins Set of 50 Handpicked Natural Rocks & Minerals (25 Rocks+25 Minerals) Specimens in a Storage Tray			
11	Pantograph				
12	Art Ranger Flexible Curve ruler				
13	GPS	ETREX			
14	Sparsh Scientific Rain Gauge				
15	Plane Tables Survey Set All Accessories (Aluminium Stand)	ORFORX Plane Tables Survey Set All Accessories (Aluminium Stand)			
16	Digital Terrain Model (DTM)	Code-OVLMF/250k/46, Digital Terrain Model (DTM), vector survey of India			
17	Climatological Table				
18	Cyclone E-ATLAS IMD	INDIAN METEOROLOGICAL DEPARTMENT			

Sl. No.	Name of the Articles/ Equipments	Specification	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S. (A) College, Puri, Odisha)
19	Vulnerability Atlas Of India, Third Edition 2019				
20	Census of India 2011: Administrative Atlas of India (C.D. BLOCK)- HARD COPY				
21	STEREOSCOPE CARDS (EACH 12 CARDS)				
22	Indian Daily Weather Chart				
23	Topographical Sheet				

DEPARTMENT OF GEOLOGY

Sl. No.	Name of the Articles/ Equipments	Specification	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S. (A) College, Puri, Odisha)
1	TDS meter	Temperature and water quality measurement range (0-9999 ppm) temperature (0-70c)			
2	Rock cutting machine	Buehler thin sectioning system wheel diameter 8 inch, precession -5 micrometer			
3	Polished making machine	Forcipol -TS,300mm diamer wheel speed, 50-600 rpm			
4	Hot plates	Size-310(w)x180(d)x240(h) Teflon:35x14 Slide glass size-28x48 Stainless spring -34 Alluminium board-20x310x180			
5	Thin section preparing accessories (slides, epoxy, carbonadum powder)				
6	Weighing machine digital	Digital weghing scale capacity-30 kg Accuracy-2-5 gm			
7	Polished section(ore)				
8	Seive machine	Diameter-200mm Stack height -400mm Applitude -12.5 Shaking frequency-221/min.			
9	Fossils	(invertebrate)			
10	Desktop	(Intel Core-i7 processor) SSD-512 Gb/ Graphics card- Nivida GeForce			
11	Thin section (rock)				
12	Thin section (mineral)				
13	Fold 3d wooden model				
14	Fault 3d wooden model				
15	Unconformity 3D wooden model				

DEPARTMENT OF MATHEMATICS

Sl. No.	Name of the Articles/ Equipments	Specification	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S. (A) College, Puri, Odisha)
1	MATLAB SOFTWARE	Latest Version Academic use			

DEPARTMENT OF PHYSICS

Sl. No	Name of the Articles/ Equipments	Specification / Description	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S. (A) College, Puri, Odisha
1	To measure the Dielectric constant of a Dielectric material and variation with frequency	Dielectric Constant App. Consist of Capacitance measurement 1-50kHz With Digital LCR Facility (Micro Ammeter (Range:0-50mA) Potentiometer for sensitivity selection .Fixed capacitor (Metal),Variable gang capacitor, Socket for test capacitor & variable capcitor brought out at front pannel One solid back lite palate to be insert in gap of capacitor and Barium Titanium Sample, Frequency : 0 – 2k-10MHz, Capacitance : 0 – 20nF-200nF-2uF-20uF- 200uF			
2	To measure the magnetic susceptibility of solids	Gouys Balance set up complete in all respect Digital Balance Capacity: 200 gms, Sensitivity:0.001gm, Hook Type Arrangement Electromagnet :Magnetic Field 20KG at 6mm airgap Energising Coils Two of approx. 13W each, Power: 0-90Vdc, 3A, for coils in series, 0-45Vdc, 6A, for coils in parallel Constant Current Power Supply, Field Intensity 11KG at 10mm air-gap with flat pole pieces Energising Coils Two, each having a resistance of about 12W, Power Requirement 0-90Vdc, 3A, if coils are connected in series 0-45V dc, 6A, if coils are connected in parallel			
3	To measure the resistivity and band gap of a given semiconductors by four probe method	FOUR PROBE EXPERIMENTAL SETUP WITH DOPPED SAMPLE Voltmeter Display : 3½ digit, 7segment LED, auto polarity& decimal indication. Voltage Range : X1 (0-200.0mV DC) & X10 (0-2.00 V DC), 4mm socket Current Display : 3½ digit, 7segment LED, Current Range : 0-20mA DC, 4mm socket Oven Supply : 45V AC (Switch position LOW), 60V AC (Switch position HIGH) Oven Connector : 5 Pin, DIN type, Input Voltage : 220V, 50Hz AC, Fuse : 1A, 250 V OVEN- Heating Element : 35 ohm, 75 Watt, Oven Supply : 45V/60V AC, Oven Connector : 5 Pin, DIN type Ambient Temperature : 175° C, Fuse : 2A THERMOMETER Type : Mercury, Temperature Range : 0-200° C, Least Count : 1° C, Length : 300mm approx. FOUR PROBE ARRANGEMENT Four probe : Spring type, Probe Spacing : 25mm, Crystal : Ge Wafer, P type Crystal Size : 12 x14 x 0.5mm (LxWxThickness), Resistivity : 1~ 10 ohm-cm, Orientation : <100> Connection : 4mm safety socket			

Sl. No	Name of the Articles/ Equipments	Specification / Description	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S. (A) College, Puri, Odisha)
4	Electron spin resonance to determine magnetic field as function of resonance frequency	<p>Technical Specification ESR BASIC SET-Basic unit Magnetic coils- Windings : 500 each, Magnetic field : 0 - 3.37 mT, Connectors : Coaxial power connectors Dimensions : 20 mm x 74 mm diam. approx., Control console- Probe input : 4-pin Lemo socket, Coil connectors : Sawtooth current source, 0-250mA,50ms, pair of co-axial connectors, Magnetic output : Proportional coil current 0-1 V, A ESR probe-head with radio frequency coil., B A sample of DPPH(2,2-diphenyl-1-picrylhydrazyl).C An empty control sample tube for comparison., D Two mounting rings., E Two mounting cylinders HF PATCH CORD Impedance : 50 Ohm, Connector : BNC to BNC, Length : 1m Shielded patch cords for low-loss, low-capacitance transmission of high-frequency signals; equipped at either end with a BNC plug. DIGITAL STORAGE OSCILLOSCOPE -70Mhz Duall must have Sampling frequency not less tahn 2GS/s.</p>			
5	ZEEMAN EFFECT WITH (Triplet & Doublet) 1MP CAMERA & LAPTOP	<p>Electromagnet: Coils : 400 turns., Coil Current : 10 Amp (Max.), Connection : 4mm safety socket. U Core : 150x130mm(LxH), 40x40mm cross section., I Core : Length=150mm, 40x40mm cross section.Core material : Ferromagnetic., Supplied with 4 support legs knob. Observation the line Triplet & Doublet for the normal transverse & Longitudinal Zeeman effect, The fabryperot interferometer of high resolution allows the user to measure this small energy band gap and from this we calculate Bohr's magneton (μ) Optical Bench 1 mtr :Material : Aluminium alloy, section, Scale : 0-100cm,LC : 1 mm, Fabry Perot Etalon: Mirror optics : Lamda/20, Mirror gap : 3 mm, adjustable, Filter : 532nm, Green Interference Filter , Clear view : 40mm dia, CCD Camera: Sensor : 1MP/CMOS Power : 5V DC Focus : Manual adjustment, Rod : 10 mm dia. Digital Gauss Meter:Range : 200 Gauss & 2 k Gauss, Display : 3½ Digit LED, Resolution : 0.1Gauss at 0 - 200 Gauss, Offset : By Potentiometer to set ZERO, Input Voltage : 220 V, \pm 5 %, 50 Hz AC , Axial Hall Probe : InAs Convex Lens on Holder:Focal Length : 100mm , Diameter of Lens : 50 mm, Frame Diameter : 130 mm to avoids , scattering of lightsRod Transverse Saddle:Material : Aluminium, Locking : Spring loaded, Motion : X-Y axis</p>			

Sl. No	Name of the Articles/ Equipments	Specification / Description	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S. (A) College, Puri, Odisha)
		Polarizer filter: Angle : Adjustable (0° - 90°) , Aperture : 21mm dia., Frame : 130mm dia., to avoid scattering of lights ,Polarization : Linearly -, Laptop- Core i5, 16GBRAM, with graphics , 500GB SDD, Original OS & Office Software			
6	Frequency response of voltage gain of a RC coupled transistor amplifier	Honey Comb Circuit Board Transparent Signal :200KHz/15mV Sine wave, Transistor :BC107BP-2nos, Resistor:33K Ω -2nos,330 Ω -2nos,3.3K Ω -2nos,1K Ω -2nos, Capacitor:100 μ F-3nos,10 μ F-2nos, Interconnection:2mm patch cord , Bandwidth: 100MHz, Channel: Dual (2), Sample Rate: 1G/s, Sample Rate/Relay Time Accuracy: \pm 100ppm, Display: 7" colour LCD, 800 x 480 pixels, Probe Attenuation Factor: 1X, 10X, 100X, 1000X, DC Accuracy: Average \geq 16 : \pm (3% reading + 0.05 div) for Δ V, DC Gain Accuracy: \pm 3%, Max Input Voltage: 400V (PK – PK) (DC+AC, PK – PK), Digital Frequency of the mode: 0.1Hz—200KHZ, Output waveform: Sine, Triangle, Square, Amplitude: Not less than 20V p–p (open circuit), Display: 3½ digits, 7segment LED, Voltage Range: 0.000-1.999V One Digital Power Supply- +/- 15V -1 No, REGULATED POWER SUPPLY-+1A DC Variable -Continuously variable output 0 - 16 V DC. Big clearly			
7	To study the characteristics of a Bipolar Junction Transistor (Analog) in CE Configuration and draw load line	Honey Comb Circuit Board Transparent (Leg Type) Capacitor Module 0.001 μ F, 0.47,0.1 μ F Transparent (Leg Type) Transistor Module -BC107 Transparent, (Leg Type) Transistor Module -BC109 Transparent (Leg Type) Transistor Module - 2N2222 , :-3½ digit, 7segment LED, auto polarity, Voltage Range : 0.000-1.999V, Current, Display : 3½ digit, 7segment LED, Current Range : 0-20mA , Voltage Display : 3½ digit, 7segment LED, Voltage Range :0.000-1.999V One Digital Power Supply- +/- 15V -1 No, REGULATED POWER SUPPLY-+1A DC Variable -Continuously variable output 0 - 16 V DC. Big clearly			
8	To study the V-I Characteristics of a Zener Diode and its use as voltage regulator	Honey Comb Circuit Board Transparent Variable DC supply:0-15V, Voltmeter :0-15V (Moving Coil)-2nos, Ammeter :0-1.5mA & 0-15mA (Moving Coil), Variable pot :500K -1no , Interconnection: 4mm patch cord, Resistance: 1k Ω -3nos, Zener Diode: 6V, 9V&12V Display: 3½ digits, 7segment LED, Current Range: 0-20mA, Voltage Display: 3½ digits, 7segment LED, Voltage Range: 0.000-1.999V One Digital Power			

Sl. No	Name of the Articles/ Equipments	Specification / Description	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S. (A) College, Puri, Odisha)
		Supply- +/- 15V -1 No, REGULATED POWER SUPPLY-+1A DC Variable - Continuously variable output 0 - 16 V DC. Big clearly			
9	To study the Colpitt's Oscillator	Honey Comb Circuit Board Transparent, DC Supply: +5V, BJT:CL100S, Resistor : 4.7K Ω , 100K Ω , 6.8K Ω , 3.3K Ω , 680 Ω , 10K Ω , Capacitor:0.01 μ F, 0.047 μ F, 0.2 μ F, Bandwidth: 100MHz, Channel: Dual (2), Sample Rate: 1G/s, Sample Rate/Relay Time Accuracy: \pm 100ppm, Display: 7" colour LCD, 800 x 480 pixels, Probe Attenuation Factor: 1X, 10X, 100X, 1000X, DC Accuracy: Average \geq 16 : \pm (3% reading + 0.05 div) for Δ V, DC Gain Accuracy: \pm 3%, Max Input Voltage: 400V (PK – PK) (DC+AC, PK – PK), Display: 3½ digits, 7segment LED, Voltage Range: 0.000-1.999V One Digital Power Supply- +/- 15V - 1 No, REGULATED POWER SUPPLY- +1A DC Variable -Continuously variable output 0 - 16 V DC. Big clearly			
10	Characteristics of Harteley Oscillator	Honey Comb Circuit Board Transparent, DC Supply: +5V, BJT:CL100S, Resistor : 4.7K Ω , 100K Ω , 6.8K Ω , 3.3K Ω , 680 Ω , 10K Ω , Capacitor:0.01 μ F, 0.047 μ F, 0.2 μ F, Bandwidth: 100MHz, Channel: Dual (2), Sample Rate: 1G/s, Sample Rate/Relay Time Accuracy: \pm 100ppm, Display: 7" colour LCD, 800 x 480 pixels, Probe Attenuation Factor: 1X, 10X, 100X, 1000X, DC Accuracy: Average \geq 16 : \pm (3% reading + 0.05 div) for Δ V, DC Gain Accuracy: \pm 3%, Max Input Voltage: 400V (PK – PK) (DC+AC, PK – PK), Display: 3½ digits, 7segment LED, Voltage Range: 0.000-1.999V One Digital Power Supply- +/- 15V - 1 No, REGULATED POWER SUPPLY- +1A DC Variable -Continuously variable output 0 - 16 V DC. Big clearly			
11	Determination of frequency of electric tuning fork by Melde's experiments	Heavy steel fork ,Heavy cast iron base (Vertical & Horizontal), Electromagnet Weight box 1, Voltage source 1.5V – 12V / 3A, Pulley with clamp Reel of thread, Meter scale of length 1m,Scale pan			
12	Existence of discrete energy level by Frank and Hertz experiments	FRANCK HERTZ UNIT WITH DATALOGGER Plate Current Display : 3½ digit LED Plate Voltage : 1.2-12V, Display 3½ digit LED Screen Grid (G) Voltage : 0-80, Display 3½ digit LED 2 Control Grid (G) Voltage : 0-10V, Display 3½ digit LED 1 Filament Voltage : 0-9V, Display 3½ digit			

Sl. No	Name of the Articles/ Equipments	Specification / Description	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S. (A) College, Puri, Odisha)
		LED Tube Connection : 4mm socket Voltage Inputs from DAC1 : 4mm safety socket Voltage output 10V : 4mm safety socket Current output 100nA : 4mm safety socket Mode : Manual or Data Logging Current gain & offset adjustment knob NEON TUBE- Filament voltage : 6 - 9 V Control voltage : 9V, Accelerating voltage : Maximum 80 V Counter voltage : 1.2 -10 V ,VOLTAGE & CURRENT SENSOR			
13	Determination of transistor amplification factor at various frequencies	Honey Comb Circuit Board Transparent Signal :1KHz/15mV Sine wave, Transistor :BC107BP-2nos, Resistor:33K Ω -2nos,330 Ω -2nos,3.3K Ω -2nos,1K Ω -2nos, Capacitor:100 μ F-3nos,10 μ F-2nos, Interconnection:2mm patch cord, , Bandwidth: 100MHz, Channel: Dual (2), Sample Rate: 1G/s, Sample Rate/Relay Time Accuracy: \pm 100ppm, Display: 7" colour LCD, 800 x 480 pixels, Probe Attenuation Factor: 1X, 10X, 100X, 1000X, DC Accuracy: Average \geq 16 : \pm (3% reading + 0.05 div) for Δ V, DC Gain Accuracy: \pm 3%, Max Input Voltage: 400V (PK – PK) (DC+AC, PK – PK), Frequency of the mode: 0.1Hz—1MHz, Output waveform: Sine, Triangle, Square, Amplitude: Not less than 20V p-p (open circuit), Display: 3½ digits, 7segment LED, Voltage Range: 0.000-1.999V One Digital Power Supply- +/- 15V - 1 No, REGULATED POWER SUPPLY- +1A DC Variable -Continuously variable output 0 - 16 V DC. Big clearly			
14	Study of phase transition using feedback amplifier circuit	Honey Comb Circuit Board Transparent Signal :1KHz/15mV Sine wave, Transistor :BC107BP-2nos, Resistor:33K Ω -2nos,330 Ω -2nos,3.3K Ω -2nos,1K Ω -2nos, Capacitor:100 μ F-3nos,10 μ F-2nos, Interconnection:2mm patch cord, , Bandwidth: 100MHz, Channel: Dual (2), Sample Rate: 1G/s, Sample Rate/Relay Time Accuracy: \pm 100ppm, Display: 7" colour LCD, 800 x 480 pixels, Probe Attenuation Factor: 1X, 10X, 100X, 1000X, DC Accuracy: Average \geq 16 : \pm (3% reading + 0.05 div) for Δ V, DC Gain Accuracy: \pm 3%, Max Input Voltage: 400V (PK – PK) (DC+AC, PK – PK), Frequency of the mode: 0.1Hz—1MHz, Output waveform: Sine, Triangle, Square, Amplitude: Not less than 20V p-p (open circuit), Display: 3½ digits,			

Sl. No	Name of the Articles/ Equipments	Specification / Description	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S. (A) College, Puri, Odisha)
		7segment LED, Voltage Range: 0.000-1.999V One Digital Power Supply- +/- 15V - 1 No, REGULATED POWER SUPPLY- +1A DC Variable -Continuously variable output 0 - 16 V DC. Big clearly			
15	Reading Telescope Delux style with stand	Reading Telescope Delux style with stand			
16	Spectrometer Prism with (38mm x 38mm)	Spectrometer Prism with (38mm x 38mm)			
17	Malus's law experiment apparatus complete set	OPTICAL BENCH- Black Ionised Hexagonal 1 mtr , Material : Aluminium Coating, Type : Circular section, Scale : 0-150cm, Least count : 1mm, Length : 1mtr POLARIZER / ANALYZER-Angle : Adjustable (0°-90°), Aperture : 21mm dia. Frame : 130mm dia., Rod : 10 mm dia.DETECTOR-Detector : Terminals : 4mm safety socket,Aperture : 1 mm , Rod : 10 mm diameter, Voltmeter : 0-20mV			
18	Sexant apparatus with 6Ft Telescopic Stand	Graduated : -5° to 125° into 1° on the arc Micrometer : Divided to 1 minute on black drum, Index Mirror : Rectangular, 33x49mm aluminum spattered, Horizon mirror :Circular, 50mm diameter, one half , transparent, other half aluminum separated, Shade glasses: Three different densities for direct rays and four Reflected rays. Star Telescope: Galilean monacle 4x40 mm, Illuminator: Equipped, Adjusting tools: 1-wrench for mirror, Case: Hard wood, Weight of case: 2kg, Telescope: Terrestrial with 6ft Telescoping stand Heavy INCO.			
19	Carey foster's Bridge	Honey Comb Circuit Board Transparent One meter Long, provided with four gaps/two gaps plywood base and sanmica top, Graduated scale, Constantan wire is stretched on top of meter scale, Brass C.P Strips and brass terminals are provided to reduce resistance. Digital Power Supply- +/- 15V -1 No, :-3½ digit, 7segment LED, auto polarity, Voltage Range : 0.000-1.999V, Current, Display : 3½ digit, 7segment LED, Current Range : 0-20mA ,Voltage Display : 3½ digit, 7segment LED, Voltage Range :0.000-1.999V REGULATED POWER SUPPLY- +1A, DC Variable -Continuously variable output 0 - 16 V DC. Big clearly			
20	Anderson Bridge	On Board Decade Resistance : Range 1Ω to 1KΩ-3no : Range 10Ω to 10KΩ-3nos Standard Capacitors : 0.1 μf & 0.2 μf Standard Resistance : 1000Ω -2nos Resistance : 0.1Ω to 1Ω (Decade Step) Unknown Inductance : 3nos A.C supply of frequency : 1KHz DC Supply :3V (fixed) Null Detector : Digital for both AC & DC			

Sl. No	Name of the Articles/ Equipments	Specification / Description	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S. (A) College, Puri, Odisha)
21	Half adder, Full adder, 4-Bit Binary adder and Half subtractor, Full Subtractor, Adder-Subtractor using Full Adder I.C. (inbuilt)	Honey Comb Circuit Board Transparent One meter Long, provided with four gaps/two gaps plywood base and sanmica top, Graduated scale, Constantan wire is stretched on top of meter scale, Brass C.P Strips and brass terminals are provided to reduce resistance. consists of Solder less Breadboard have 1680 tie points i.e. provided with 2 Terminal strips & 4 strips. Regulated DC Supply: + 5V/1 Amp. + 12 V/500mA. Logic Input Switches (Bounceless) - 12 No. LED Indicators (buffered) - 12 No., Clock Generator of 1 Hz, 10 Hz & 100 Hz & 1 KHz, Clock Pulser provide high & low pulses of short durations. Seven Segment Display with Decoder IC 7447 –1 No			
22	Astable, Bistable, Monostablemultivibrator using 555 Timer (inbuilt)	Honey Comb Circuit Board Transparent DC Supply : 5V, IC : NE555, Led Indicator : 2nos Resistor : 100K Ω -2nos, 10K Ω -2nos, 1K Ω , Capacitor : 1 μ F, 0.1 μ F-2nos, 0.01 μ F-2nos, 10 μ F Variable Resistor : 5K Ω , Bandwidth: 100MHz, Channel: Dual (2), Sample Rate: 1G/s, Sample Rate/Relay Time Accuracy: \pm 100ppm, Display: 7" colour LCD, 800 x 480 pixels, Probe Attenuation Factor: 1X, 10X, 100X, 1000X, DC Accuracy: Average \geq 16 : \pm (3% reading + 0.05 div) for Δ V, DC Gain Accuracy: \pm 3%, Max Input Voltage: 400V (PK – PK) (DC+AC, PK – PK), Frequency of the mode: 0.1Hz—1MHz, Output waveform: Sine, Triangle, Square, Amplitude: Not less than 20V p–p (open circuit), Display: 3½ digits, 7segment LED, Voltage Range: 0.000-1.999V One Digital Power Supply- +/- 15V -1 No, REGULATED POWER SUPPLY-+1A DC Variable -Continuously variable output 0 - 16 V DC			
23	Hall effect apparatus	Hall coefficient of a semiconductor sample.(Advance Compact Model) Technical Specifications : ELECTROMAGNET - Made of soft iron, specially design for Hall Effect experiments, mounted on a wooden base for stable performance, Pole pieces :- 50mm dia. tapered type Field :- 7.5kg at 10mm. air gap, Energizing Coils :- Two coils each with total resistance of 9 ohms (approx).DIGITAL POWER SUPPLY FOR ELECTROMAGNET - 0 - 6Amp, 60V digital display, It is a constant current power			

Sl. No	Name of the Articles/ Equipments	Specification / Description	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S. (A) College, Puri, Odisha)
		supply, with long time operation and continuously variable current. DIGITAL GAUSS METER: Range: 0-2 K Gauss & 0-20 K Gauss, Resolution: 1Gauss at 0-2 K Gauss Range, Accuracy: $\pm 0.5\%$, Display: $3\frac{1}{2}$ Digit, 7 Segment LED, Power: 220V, 50Hz Special Feature: Indicates the direction of the Magnetic field. Gauss Probe CONSTANT CURRENT POWER SUPPLY: (i) Digital Mill voltmeter Range: 0-200mV/2000mV (100 μ V minimum) Accuracy : $\pm 0.1\%$ of reading ± 1 digit,(ii) Digital Mill Ammeter Range : 0-10mA/20mA Accuracy : $\pm 0.1\%$ of reading ± 1 digit, (iii) Constant Current Power Supply Current : 0-20mA Resolution : 10 μ A Accuracy : $\pm 0.2\%$ of the reading ± 1 digit, Load regulation : 0.03% for 0 to full load Line regulation : 0.05% for 10% variation			
24	Plancks constant measuring apparatus with 4 LED & Oven	Planck's constant using 4 LEDs Using Separate Oven. (VI & TI) Selector Switch : V-I and T-I experiment Selector Switch at V-I position :- Voltmeter & current Display: $3\frac{1}{2}$ digit, 7segment, Voltage Range : 0.000-2.000V, Current Range : 0-2000mA Selector Switch at T-I position :- Current Display : $3\frac{1}{2}$ digit, 7segment LED Current Range : 0-20mA Temperature Display : $3\frac{1}{2}$ digit, 7segment LED LED Temperature Range : Room temperature to 60.0°C Oven , Oven Connector : 5 Pin, DIN type LED Connector : 3 Pin, DIN type Oven with Temperature Sensor Heating Element : 20 ohm, Oven Connector : 5 Pin, DIN Ambient Temp. : 60° C, Temp. Sensor : Pt100-Output Pin : Heater pin 4 & 5., Temperature pin 1 & 2			
25	Spring constant apparatus	Spring constant apparatus with Weights & 3 Mtr Stand with LED Digita Timer for "G" Acceleration Gravity.			
26	Lee and Charltons disc method for determination of the coefficient of thermal conductivity complete set	Hollow metal box, MS chrome plated rod, Thread reel, MS painted base Chrome plated brass disc, Disc made of ebonite and glass, Digital Hotplate 2 Ltr Capacity , Copper Steam Chamber, Lee disc stand with base plate Glass beaker 250ml, Digital Balance -220gm Accuracy 0.001gm Two thermometers : 10 to 100°C , Rubber tube.			
27	BH curve setup- Complete in All respect	BH Curve With Data Logger ,Current & Voltage Sensor,U & I Core,Software with connectivity			
28	Dielectric constant of crystal or wax by Lecher	Dielectric constant of crystal or wax by Lecher wire			

Sl. No	Name of the Articles/ Equipments	Specification / Description	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S. (A) College, Puri, Odisha)
	wire				
29	Programming using 8085 microprocessor	Programming 8085, memory depth 5kpts, Processor speed 1m/s sec interface, traffic light controller, stepper motor, Memory 12 th gen Ram-234,			
30	Melde's experiment apparatus using electric tuning fork and verify 2T law	Melde's experiment apparatus using electric tuning fork and verify 2T law			
31	Computer desktop for computational physics	HP/DELL/LENOVO 12 TH Generation Intel core-i3 8GB DDR-4 3200 RAM 512GB M.2 Pcle NvMe SSD Intel UHD Graphics, WLAN Keyboard, Mouse, 21.5" FHD Monitor Windows 11 Antivirus UPS- 1KVA			
32	Design and assemble of a single stage transistor amplifier and study of its frequency response	Honey Comb Circuit Board Transparent Signal :1KHz/15mV Sine wave, Transistor :BC107BP-2nos, Resistor:33K Ω -2nos,330 Ω -2nos,3.3K Ω -2nos,1K Ω -2nos, Capacitor:100 μ F-3nos,10 μ F-2nos, Interconnection:2mm patch cord, , Bandwidth: 100MHz, Channel: Dual (2), Sample Rate: 1G/s, Sample Rate/Relay Time Accuracy: \pm 100ppm, Display: 7" colour LCD, 800 x 480 pixels, Probe Attenuation Factor: 1X, 10X, 100X, 1000X, DC Accuracy: Average \geq 16 : \pm (3% reading + 0.05 div) for Δ V, DC Gain Accuracy: \pm 3%, Max Input Voltage: 400V (PK – PK) (DC+AC, PK – PK), Frequency of the mode: 0.1Hz—1MHz, Output waveform: Sine, Triangle, Square, Amplitude: Not less than 20V p–p (open circuit), Display: 3½ digits, 7segment LED, Voltage Range: 0.000-1.999V One Digital Power Supply- +/- 15V - 1 No, REGULATED POWER SUPPLY- +1A DC Variable -Continuously variable output 0 - 16 V DC. Big clearly			

DEPARTMENT OF PSYCHOLOGY

Sl. No.	Name of the Articles/ Equipments	Specifications	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S. (A) College, Puri, Odisha)
01	SPSS Software	Reputed Make			
02	RCPM	Reputed Make			
03	NEO Personality Inventory Revised (Paul T. Costa, Robert R. McCare)	Reputed Make			
04	Bender Visual-Moter Gestalt Test II(Gary G. Bbrannigan, Scott. L. Decker)	Reputed Make			
05	Childhood Autism Rating Scale (Eric Schopler, Mary E. Van Bourgondine & et. all.)	Reputed Make			
06	Mini-Mental State Examination, 2nd Ed	Reputed Make			
07	Raven's Intelligence test	Reputed Make			
08	Kinesthetic Figural After Effect with Manul	Reputed Make			
09	Successive Colour Contrast Apparatus with Manul (Negative After Image)	Reputed Make			
10	Depth Perception Apparatus with Manul	Reputed Make			
11	Reaction Time Apparatus Electronic (for measuring auditory and visual R.T)	Reputed Make			
12	Type A, B & C Personality Pattern Inventory Arun Kumar Singh & Dr. Ashok Kumar	Reputed Make			
13	Normal Probability Corve Demonstration Apparatus with Manual	Reputed Make			
14	Multiple Intelligence test (Surbhi Agarwal and Suraksha Pal)	Reputed Make			
15	Multifactor Emotional Intelligence Test (Vinod Kumar Shanuwal)	Reputed Make			
16	Spiritual Intelligence Scale (Santosh Dhar & Upinder Dhar)	Reputed Make			
17	Spiritual Quotient (Gurvinder Ahluwaliya, N.K. Chadha & S.S. Vohra)	Reputed Make			
18	Social Intelligence test (N.K. Chadha & Usha Ganesan)	Reputed Make			
19	Cognitive Capabilities Test for Transition Period (Vasundra Padmanabhan)	Reputed Make			
20	Meta-Cognitive Skills Scale (Madhu Gupta & Suman)	Reputed Make			
21	Binet Kamat Test of Intelligence	Reputed Make			
22	Pande's Cognitive Development Test for Pre-schoolers	Reputed Make			
23	Passi Test of Creativity (B. K. Passi)	Reputed Make			
24	Critical Thinking Scale (C.G. Venkatesha Murthy)	Reputed Make			

DEPARTMENT OF STATISTICS

Sl. No.	Name of the Articles/ Equipments	Specification	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S. (A) College, Puri, Odisha)
1.	Video Conferencing Camera	PTZ, Full HD 1080p, Multiple Remote Controller, 16X digital zoom			
2.	Speaker for Conference Room	USB Omnidirectional Speakerphone for conference room and meeting room, 360o voice pickup, support extension, 20 people			
3.	Android TV	HDR, 4K High Definition, 60Hz LED, 3840 x 2160 USB, HDMI, Amazon, Alexa, Bluetooth			
4.	Digital Sound System	100W Bluetooth Party Speaker			

DEPARTMENT OF ZOOLOGY


Sl. No.	Name of the Articles/ Equipments	Specification	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S. (A) College, Puri, Odisha)
GLASSWARES					
1.	TEST TUBE	10 ML			
2.	TEST TUBE	15 ML			
3.	Beaker	50 ml			
4.	Electrical Bunsen burner	Reputed Make			
5.	Brush				
6.	Burret	100ml			
7.	Spatula	Reputed Make			
8.	Dropping bottle	Reputed Make			
9.	Spirit lamp	Reputed Make			
10.	Pasteur pippet	Reputed Make			
11.	Teasing needle	Reputed Make			
12.	Fine forcefs	Reputed Make			
13.	Watch glass	Reputed Make			
14.	Volumetric flask	Reputed Make			
15.	Specimen bottle	Reputed Make			
16.	Beaker	100ml			
17.	Beaker	250ml			
18.	Beaker	500ml			
19.	Beaker	1000ml			
20.	Blood lancets	Reputed Make			
21.	BODBottle	300ml			
22.	Boilingtube	25x150 -55ml			
23.	Burette	50ml			
24.	Centrifugtube	15ml			
25.	Centrifugtube	5 ml			
26.	Conicalflask	1000ml			
27.	Conicalflask	250ml			
28.	Conicalflask	500ml			
29.	Conicalflask	100 ml			
30.	Cavity block	Reputed Make			
31.	Cellculture flask	Reputed Make			
32.	Conicalflask	50 ml			
33.	Cryovials with o-ring-1.2ml	Reputed Make			
34.	Cotton rolls-Absorbent	Reputed Make			
35.	Cotton rolls-Non Absorbent	Reputed Make			
36.	Coverslip	22x40mm			
37.	CouplingJarlid	Reputed Make			

Sl. No.	Name of the Articles/ Equipments	Specification	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S. (A) College, Puri, Odisha)
38.	Cuvette (glass)	Reputed Make			
39.	Eppendorftube	2ml			
40.	Dissection box	Reputed Make			
41.	Elisa readerplate	Reputed Make			
42.	PCR Tube	(0.5)			
43.	Filterpaperround	Size:9cm,whatsmann - DrWhatts			
44.	Filterpaper sheet	Reputed Make			
45.	Funnel	50mm			
46.	Funnel	100mm			
47.	Funnel	250mm			
48.	Measuring Jar	100ml			
49.	Glassrod	Reputed Make			
50.	Measuring Jar	500ml			
51.	Glass slide				
52.	Micropipette	100-1000µl with tip and box			
53.	Glass spreader	Reputed Make			
54.	Micropipette	10-100µlwith tip and box			
55.	Inoculation loop	Reputed Make			
56.	Micropipette	1-10µlwith tip and box			
57.	Labeling tape				
58.	Micropipette	5 ml with tip and box			
59.	Micropipette	10 ml with tip and box			
60.	Petridish	100 x15mm			
61.	Pipette Pump	10ml			
62.	Pipette Pump	5ml			
63.	Pipette Pump	25ml			
64.	PipettePump– Rubber balls	Reputed Make			
65.	Pipette(Ball type)	50ml			
66.	Pipettes	1ml			
67.	Pipettes	2ml			
68.	Pipettes	5ml			
INSTRUMENTS					
69.	Tissue floatation bath	250X120mm			
70.	Monocular microscope	With light			
71.	Slide warming table	450X300X150mm			
72.	Semiautomatic microtome	-Section thickness range-0.5 µm-60µm. -Trimming thickness range-1.0-100µm. -Minimum setting value-0.5 µm -Operation -Semiautomatic.			

Sl. No.	Name of the Articles/ Equipments	Specification	Unit Price	GST/ Any Other Tax	Total Price (For S.C.S. (A) College, Puri, Odisha)
73.	Centrifuge rotor head	For REMI cold centrifuge R24plus Rotor capacity: 2 ml			
74.	Centrifuge rotor head	For REMI cold centrifuge R24plus Rotor capacity: 15 ml			
75.	Haemocytometer				
76.	Haemoglobin meter				
77.	Microwave oven	28 Liters Convection microwave oven With moisture sensor			
78.	Cooling machine	260 L Double door			
79.	Water and soil analysis kit	pH, conductivity, TDS, DO, mV and temperature measurement mains cum battery operated			
80.	Minispin centrifuge	Independent on/off switch Fixed 6000 rpm 6X1.5ml tubes			
81.	Sphygmomanometer	Digital 0 to 300 mm of Hg scale Display screen with easy operation			
82.	Sphygmomanometer	0 to 300 mm of Hg scale Fused type, permanent marking on the glass tube, Control valve for pressure drop			
83.	Stethoscope	Reputed Make			
84.	Weighing balance	Sensitivity – 0.01			
85.	Weighing balance	Sensitivity - 0.001			

Note:

1. Quotations should be submitted in separate envelopes for separate departments.
2. Each envelop must contain a full set copy of all relevant documents.
3. Each envelop must be super scribed with the name of the department.
4. Firms/ agencies must supply the items within 10 days from date of issue of purchase order.
5. The account payee cheque in favour of Principal, S.C.S. AUTONOMOUS COLLEGE, PURI must be attached with the bills.


 9/12/24
 Principal
 S.C.S. (A) College, Puri
 S.C.S. (A) College, Puri