

**TENDER DOCUMENTS FOR THE PURCHASE
OF LAB
EQUIPMENTS, CHEMICALS AND INFRASTRUCTURE ITEMS**

**SHREE RAM COLLEGE, RAMPUR,
DIST- SUBARNAPUR
ODISHA- 767045**

For any Queries Contact:

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OFFICE OF THE PRINCIPAL SHREE RAM COLLEGE, RAMPUR

Website: www.shreeramcollege.in

**TENDER NOTICE FOR THE PURCHASE OF LAB EQUIPMENTS, CHEMICALS
AND INFRASTRUCTURE ITEMS**

TENDER NOTICE No-01/SRC/ISL/TENDER/2023

Dt.10-03-2023

Shree Ram College, Rampur invites sealed tender from reputed manufacturer/authorized dealers for purchase and supply of the following items.

Item Name	Requirement Amount	EMD	Last date/time of submission of tender form	Date/Time of opening of Technical Bids	Date/Time of opening of Financial Bids
LAB EQUIPMENTS	6,00000/-	30,000/- (5% of the estimated value)	31.03.2023 4:00pm	03.04.2023 1:00pm	Shall be informed to the technically qualified bidders later on.
LAB CHEMICAL	3,00000/-	15,000/- (5% of the estimated value)	31.03.2023 4:00pm	03.04.2023 1:00pm	Shall be informed to the technically qualified bidders later on.
LAB INFRASTRUCTURE	6,00000/-	30,000/- (5% of the estimated value) (EPM holders need not deposit EMD)	31.03.2023 4:00pm	03.04.2023 1:00pm	Shall be informed to the technically qualified bidders later on.

Interested firms may submit their sealed tender in two bid form as per term and condition of tender documents. The filled-in tender form for each item with **tender fee of Rs. 1000/-and earnest money Rs. 5%/-** both by demand draft in favor of **Principal, Shree Ram College, Rampur** payable at **SBI, DUNGURIPALI** should reach to the office up to above date. The tender documents maybe downloaded from our website www.shreeramcollege.in


Principal
Shree Ram College, Rampur
Dist. Subarnapur

Principal
Shree Ram College, Rampur

Terms and conditions

1. Sealed tenders should reach the **OFFICE OF THE PRINCIPAL_SHREE RAM COLLEGE, RAMPUR, Dis-Subarnapur, Odisha- 767045** on or before **31-03-2023, 4:00PM.**
2. Suppliers should send their tenders through **Registered Post/Speed** post only. No other modes will be accepted.
3. The Tender documents may be downloaded from College Website: shreeramcollege.in Bidders using downloaded tender forms from College website must submit cost of tender document by demand draft drawn in favour of **Principal, Shree Ram College, Rampur** Payable at **SBI, DUNGURIPALI** along with technical bid. The bid form downloaded through College website submitted without tender fees will not be accepted.
4. **The tender without EMD, Less EMD and document fee will summarily be rejected.**
5. The amount of EMD will be refunded in case of unsuccessful tenderer on submission of application with money receipt in original soon after the final decision. In case of successful tender, it will be refunded on production of original receipt after completion of validity period of the agreement to be executed between the tenderer and the college without any interest.
6. Companies/firms should be **registered manufacturer/supplier** of the item.
7. The tenderers must enclose adequate documents to prove **their authorization claim**. If not enclosed this college reserve the rights to accept or reject tenders of these agencies. The decision of the college in this regard will be final and shall be binding on tenderers.
8. The College at its discretion may extend the last date of submission of tenders and opening of tenders.
9. Late and **delayed tenders will not be considered** and shall be returned unopened to the Bidder.
10. If tenderers give wrong information, college reserves the right to reject such bids at any stage and forfeit the Earnest Money Deposit.

11. Bids submitted without supporting documents are liable to be rejected.
12. In financial bids the rate of item should be inclusive of **all taxes, packing, forwarding, transit etc.**
13. The rate both in words and figures without any corrections or over writing should be quoted for each individual items separately. **The rates must be valid up to JUNE 30, 2023.**
14. **Quoting merely the lowest price does not confer any right to any bidder for award of supply order.** The Purchase Committee, reserves the right to select the equipment of any bidders under the grounds of specification compliance, technologically advanced quality, proven performance track record, brand reputation, service backup support & training, offer of additional / special features, compatibility with the existing System, etc.
15. On the acceptance of the rates as per the approved tender, the supply order will be placed by the Head of the Office of college.
16. The college will reserve the full right to open/consider the second envelope if and only if the college is satisfied with information contents in envelope No.1.
17. **The college has the right to accept or reject any tender partly or fully without arising any reasons thereof.**
18. The items have to be supplied in standard packing at the premises of **Shree Ram College, Rampur, Dist- Subarnapur (Odisha), 767045**
19. In event of any loss, damage, breakage or leakage or any shortage the bidder shall be liable to make good condition such loss and shortage found at the checking/inspection of the supplied Instrument/Equipment. "No extra cost" on such account shall be admissible.
20. Delivery has to be made **within 15 days** from the date of receipt of supply order.
21. **Each item should be strictly as per the specification.** In case of any deviation the college has the right to reject the item.
22. Installation, successful demonstration of equipment in the respective department is obligatory.
23. The training should be provided by the supplying companies for a minimum period of two days from the date of installation with an expert team.

- 24.If any item covered under warranty fails, the same shall be replaced free of cost including all the applicable charges including shipping cost both ways.
- 25.Final payment of Instrument/Equipment will be made only after installation and successful demonstration at the respective department of the college.
- 26.If the tenderers fail to comply with supply order within the specified period their orders will be cancelled and EMD will be forfeited.
27. **All the Tenders should be addressed in the following address obeying the instructions mentioned on page no-07**

To
The Principal
Shree Ram College, Rampur
Dist- Subarnapur
State- Odisha
Pin- 767045

Instructions to be followed by the Supplier/Tenderer

(A) Submission of tender bid (sealing and marking of bids)

Bid should be submitted in two envelopes as mentioned below: -

1. Envelope -1 Technical Bid (duly sealed) should contain

- (a) Application form (as per Annexure-I)*
- (b) Tender fee in the form of demand draft of Rs.1000*
- (c) EMD of Rs 5%/- of the estimated value in the form of demand draft for each instrument separately.*
- (d) Technical bid form (as per Annexure-II) duly filled.*
- (e) Copies of all certificate/documents in support of technical Bid.*

NOTE:-Above (a) to (e) not enclosed, The envelope 2 will not be opened.

2. Envelope –2 Financial Bid (Duly Sealed) should contain

- (a) Financial bid form (as per Annexure-III) duly filled.*
- (b) The supplier should quote the rate inclusive of all expenses, charges,taxes, duties, transportation, packing and forwarding, insurance etc.*
- (c) The rate in both words and figure without any correction or overwriting should be quoted in financial bid.*

3. Envelope –3 (Duly Sealed): Should contain

- (a) Both Envelope 1 & 2*
- (b) This envelope must bear the following Identifications:*
 - (i) TENDER NOTICE FOR THE PURCHASE OF LAB EQUIPMENTS/CHEMICALS/ LAB ITEMS*
 - (ii) Tender Reference No. 01 /SRC/ISL/TENDER/2023, DT.10.03.2023*
 - (iii) Name & Address of the Tenderer*

TENDER APPLICATION FORM

To,

**Principal
Shree Ram College, Rampur**

Sir,

With reference to your Notice/Reference No. **01/SRC/ISL/TENDER/2023 DT. 10/03/2023** I am hereby submitting my tender for the supply, installation and maintenance of **LAB EQUIPMENTS/CHEMICALS/ LAB ITEMS** accepting the terms & conditions mentioned in the tender document.

1	Name of the Bidder/Company name	
2	Full Postal Address	
3	Telephone Nos./Mobile Nos./Fax Nos. Name of the Person Post Held	
4	Email ID	
5	PAN No.	
6	GST No.	
7	Tender submitted for the Brand (Please specify)	
8	EMD Demand Draft No. & date	
	Issuing Bank Details	
	Amount (in INR)	

Undertaking

I, the undersigned certify that I have gone through the terms & conditions mentioned in the bidding document and undertake to comply them.

The rates quoted by me are valid and binding upon me for the entire validity period and it is certified that the rates quoted are minimum and rational as per existing market rate.

I give the rights to the competent authority of the Office of The Principal, Shree Ram College, Rampur, Dist-Subarnapur, Odisha-767045 to forfeit the Earnest Money Deposit (EMD)/security Deposit by me/us if any delay occurs on my/agents part or fail to abide by the provision of the bidding document.

I hereby undertake to execute the work/supply order as per direction given in the tender document within stipulated period.

Date :

(Signature of the Bidder)

Place :

Name –

Designation –

Registration No. of supplier/tenderer

(Official seal of the Bidder)

TECHNICAL BID

LAB EQUIPMENTS/CHEMICALS/ LAB ITEMS NAME.....

		Enclosed Yes/No
1	Name of the Tenderer/Company name	
2	Contact address, Telephone No., Mobile No.,	
3	Company/firm Registration No. (Copy to be enclosed)	
4	GST registration certificate(Copy to be enclosed)	
5	Experience Certificate in this field (Attach separate sheet)	
6	Annual Turnover (Copies to be enclosed)	
7	Certificate of Sole Manufacturer/authorized dealers of manufacturers/authorized supplier	
8	EMD Demand Draft No. and date	
	Issuing Bank details	
	Amount (in INR)	
	EMD Exemption certificate (if applicable)	

We agree with all the terms and conditions of the tender.

Name & Signature with Seal of the supplier

Annexure-III

Financial Bid for Instruments

Name of the tenderer

Financial bid submitted for (Item Name.....Item No))

Make/Model.....

Sr.No.	Price details	Price per Unit
1.	Cost of instrument/equipment with essential accessories	
2.	GST payable	CGST
		SGST
		IGST
3.	Packing and forwarding charge upto station of dispatch	
4.	Transportation and insurance charges upto destination	
5.	Installation, commissioning and training charges if any	
6.	Any other charges, if any	
	Total Price inclusive all charges and tax (Sum of 1 to 6)	

Total Bid price in figures.....

In words.....

(Seal & Signature of the bidder)

Acceptance of terms & conditions of tender (Must be on Letter Head)

To,

The Principal

***Shree Ram College, Rampur, Dist- Subarnapur
(Odisha) 767045***

Subject: Acceptance of Terms & conditions of Tender.

Tender ref. No.: No. 01/SRC/ISL/TENDER/2021 DT.10.03.2023

Dear Sir,

1. I/We have downloaded/obtained the tender document(s) for the above-mentioned Tender enquiry no. from the Website: www.shreeramcollege.in

2. I/We hereby certify that I/we have read entire terms & conditions of the tender documents from Page 01 to 11 (including all documents like annexure, schedules etc.) which form part of the tender document and I/we shall abide by the terms & conditions/clauses contained therein.

*3. The corrigendum(s) issued from time to time by **Shree Ram College, Rampur, Dist-Subarnapur** to have also been taken into consideration, while submitting this acceptance letter.*

4. I/We hereby unconditionally accept the tender conditions of above-mentioned tender document(s)/corrigendum(s) in totality/entirely.

*5. In case any provisions of this tender are found violated, **Shree Ram College, Rampur, Dist- Subarnapur (Odisha) 767045** shall be at liberty to reject this tender/bid including the forfeiture of the full said earnest money deposit absolutely and we shall not have any claim/right against **Shree Ram College, Rampur, Dist- Subarnapur (Odisha) 767045** in satisfaction of this condition.*

6. *I/We confirm that we or our Proprietor/Director/Partner have not been blacklisted or debarred or declared ineligible for corrupt/fraudulent practices either indefinitely or for a particular period of time by any Government or other agency. I/we further declare that no criminal case is registered on pending against the firm/company or its owner/partners/directors anywhere in India. Also, there are no contractual restrictions or legal disqualifications or other obligations which prohibit the applicant from entering into tender process.*

-

(Seal & Signature of the bidder)

**REQUIREMENT FOR IMPROVEMENT OF SCIENCE LABORATORY,
SHREE RAM COLLEGE RAMPUR**

Head- Equipment

1. Department of Chemistry

Sl.No	Name of the Equipment	Quantity
1	Stalgmometer	1
2	Calorimeter	2
3	StopWatch	1
4	Hand PH Meter	4
5	Magnetic stirrer	2
6	Backmann Thermometer	1
7	Water bath(6" diameter)	4
8	Sintered Crucible	4
9	Hot air oven	1
10	Whatman filter paper no 1	2
11	Philips Hair drier	1
12	Sprayer	2
13	Thermostat	1
14	Platinum electrode	1
15	Melting point apparatus	1
16	Chromatography Paper	2
17	Policeman(Rubber Cap)	2
18	Magnetic stirrer bar Magnet variable size	1
19	Bunsen Burner	16
20	Induction Coil	2
21	Resistance Box	2
22	Headphone	2
23	Wheatstone bridge	1
24	Polarimeter	1

Department of Botany:-

2. List of Equipment

Sl.No.	Name of Equipment	Unit
1	Overhead Slide Projector	01
2	Swanneck Balance	1
3.	Trinocular Microscope	1
4.	Compound Microscope	02
5.	Simple Microscope	02
6.	Mortar & Pastle	05 sets
7	Hair Dryer	01
8	Ganong's Potometer	05
9	Farmer's Potometer	05
10	T/A apparatus	03
11	Blood Antigen Kits	01
12	Rain Gauge	01

13	Lux Meter	02
14	Centrifuge Machine	01
15	Model of TMV	02
16	Model of Bacteria	01
17	Herbarium Press Machine	01
18	Specimens of Algae, Fungi, Bryophytes & Pterido Phytes (Included in Syllabus)	

Department of Physics

3. List of Equipment

Sl. No.	Name of Equipment's	Unit
1	Capillary tubes	03
2	String for MI of flywheel	01
3	Poiseuille's Viscosity Apparatus	1 set
4	Maxweel Needle for calculating Modulus of rigidity of a wire	01
5	Series RC circuit	1 set
6	Potentiometer for measuring resistance	1 set
7	Measurement of field strength B and its variation in a Solenoid	1 set
8	Zener Diode V-I Characteristics Apparatus	1 set
9	BJT in CE mode	1 set
10	Planck's constant using LEDs	1 set
11	Wavelength of Laser source using diffraction of single slit	1 set
12	Flip-Flop (RS, D-type, JK)	1 set
13	Hall Effect apparatus	1 set
14	Band gap measurement by Four Probe Method	1 set
15	Stefan's law of radiation to determine stefan's constant	1 set
16	Sextant	01
17	Full Adder I.C.	1 set
18	Dielctric constant measurement	1 set
19	Design of Basic Logic gates using NAND Gate	1 set
20	To measure specific heat of liquid by cooling	1 set
21	Malus law for plane polarized light	1 set

Department of Zoology

4. List of Equipment

IV. Equipment/Appliances/Glassware		Qty.
1	BOD bottle	5
2	Funnel	10
3	Capillary tube	10
4	Glass cavity slide	10
5	Petriplates	20
6	Specimen Jar	10
7	RBC pipette	10
8	WBC pipette	10
9	Lancet kit	10

10	Lancing device	10
11	Haemocytometer	10
12	Haemometer	10
13	Centrifuge machine	1
14	Medical compound microscope with objectives (4x,10x,40x, 100x)	1
15	Student compound microscope with objectives (4x,10x,40x, 100x)	2
16	Simple dissecting microscope	6
17	Chromatography apparatus	1
18	Elisa Kit	1
19	Immuno electrophoresis kit	1
20	Spectrophotometer	1

Improvement of Science laboratory, Shree Ram College Rampur
Head- Glassware and Chemicals

Department of Chemistry

Sl.No.	Glassware and Chemicals	Quantity
1	Stopper Bottle(Brown)	4
2	Glass Jar(30cm height)	6
3	BOD Bottle	4
4	Microburette	2
5	Erlen mayers Flask(25 ml)	4
6	Reagent Bottle(2.5 ltr)	8
7	Water trough(large)	4
8	Glass mortar with pestle	4
9	Kipps apparatus(glass)	2
10	Beaker 50 ml(Borosil)	8
11	Beaker 100 ml(Borosil)	8
12	Measuring cylinder(10 ml)(Borasil)	5
13	Measuring cylinder(5 ml)(Borasil)	3
14	Measuring cylinder(50 ml)	2
15	Burette(tarson)	5
16	Specific gravity bottle and glass stopper	4
17	Pyknometer	2
18	Test tube(2 gross)	2
19	Glass Capillary(packet)	1
20	Glaze paper (pieces)	10
21	Ferrous sulphate 500gm	3
22	Sodium Oxalate 500 gm	2
23	Potassium dichromate	2
24	Copper Carbonate 500 gm	1
25	Copper Sulphate 100 gm	3

26	Chromic acid 500 ml	1
27	Distilled water 10 ltr	1
28	Ethanol 500 ml	2
29	Isopropyl alcohol 300 ml	3
30	chloroform 500 ml	1
31	Carbon tetrachloride 500 ml	1
32	Toluene 1ltr	1
33	Ethyl acetate 500 ml	2
34	Ethyl Ether 500 ml	1
35	Glacial acetic acid 500 ml	1
36	Potassium iodate 100gm	1
37	Benzoic acid 250 gm	1
38	Isomyl alcohol 500 ml	1
39	Acetanilide	1
40	p-nitro phenol 25 gm	1
41	Urea	1
42	Oxalic acid(di hydrate) 500 gm	1
43	citric acid(mono hydrate) 1000gm	1
44	phenoxy acetic acid 500 gm	1
45	Maleic acid 500nm	1
46	p-nitro benzoic acid 100gm	1
47	sulphanilic acid 100 gm	1
48	Catecol 100 gm	1
49	Resorcinol 100 gm	1
50	p-toludene	1
51	1,3 dinitro benzene	1
52	1,2 phenylene diamine	1
53	Benzophenone 500 gm	1
54	stannus chloride 100 gm	1
55	Lactose 500gm	1
56	ninhydrin 10gm	1
57	butanol 1 ltr	1
58	Lysine 500 gm	1
59	Glutamine 300gm	1
60	Iodine 25gm	1
61	Bleaching powder 1 kg	1
62	Copper chloride 100 gm	1
63	Schiff reagent 250ml	1
64	Tollens reagent 125 ml	1
65	Felhing Solution 500ml	1
66	acetyl chloride 500ml	1
67	acetic anhydride	1
68	sodium phenate	1
69	Benzoyl chloride 500ml	1

70	Nickel Ammonium sulphate 500gm	1
71	ferric sulphate 500gm	1
72	8-hydroxy quinoline(Oxine) 500gm	1
73	m-dinitrobenzene 500gm	1
74	Iodine monochloride 25gm	1

1. Department of Botany

Sl.No.	Name of Chemical / Glassware	Units
1.	Chloroform	1 Lit
2.	Acetocarmine	1 Bottle
3	Safranin Solution	1 Bottle
4.	Acetone	2 Bottle
5	Methyl alcohol	1 Bottle
6.	Formaldehyde	1 Bottle
7.	Sodium hydroxide	1 Bottle
8.	PH Paper	4 Pack
9	Potassium Hydroxide	1 Bottle
10	Tryptone	500 gm
11.	Yeast Powder	1 KG
12	Dil. HCL	1 Lit.
13.	Conc. HCL	1 Lit.
14	N H ₂ SO ₄ 10	1 Bottle
15	Silver Nitrate	500 ml
16	Manganese Sulphate	500 gm.
17	Sodium Iodide	250 gm.
18.	2, 3, 5- Triphenyl Tetrazolium Chloride (TTC)	100 gm.
19	Boric Acid	500 gm.
20.	Oxalic Acid N/10	1 Bottle
21.	Benzene Solution	1 Bottle
22.	Ninhydrin solution	1 Bottle
23.	Alpha-naphthol solution	1 Bottle
24.	Sodium Sulphate	1 Bottle
25.	Bovine Serum Albumin (BSA)	100 gm.
26	Sodium Potassium tartrate	250 gm.
27	Diphenylamine reagent	250 ml
28	DNA Standard (Calf thymus)	
29.	Glacial acetic acid	1 Bottle
30.	Empty Specimen Jar	20 Pc
31	Plain Slides	200 Pcs
32	Cover Slips	200 Pcs
33	Burette	10 Pcs
34	Pipette	10 Pcs
35	Capillary tubes	50 Pcs
36	Wide mouth Test Tubes	10
37	UV-A black light torch	01

2. Department of Zoology

1	Ninhydrin	1
2	BSA	1
3	Diphenyl amine	1
4	Orcinol reagent	1
5	TCA	1
6	LB broth	1
7	LB Agar	1
8	Anti-serum A	1
9	Anti-serum B	1
10	Anti-serum Rh	1
11	Leishman stain	1
12	Spirit	1
13	Alcoholic caustic soda	1
14	Caustic soda	1
15	Bismuth sub nitrate	1
16	Mercuric Chloride Saturated	1
17	Hydrochloric Acid	1

Head- Infrastructure

1. Department of Chemistry

Sl.No.	Infrastructure Development	Quantity
1	Wooden Rack Fitted with glass shutter(8'*6'*1.5')	02
2	Iron Glass door Almira	02
3	Ceramic Basin(45 cm*30cm)	04
4	Computer set i3/i5/i-7 12th gen Windows OS	01
5.	Projector- LED, 1080FHD, 5000 Lumens	01
6.	Projection screen-100 inch	01

2. Department of Botany

Sl.No	Requirement for Infrastructure	Quantity
1	Pressure Cooker	01
2.	Induction Cooktop (Heating Equipment)	01
3.	Steel Rack	01
4.	I3/ i5/ i7 Laptops · Processor: Intel i5-1235U, RAM & Storage: 8GB DDR4 & 512GB SSD	01
5.	HP MFP136W All-in-One Laser Printer	01

3. Department of Physics

SI. No.	Name of Equipment's	Unit
1	Bookshelf	01
2	Chairs	04
3	Steel Almirah	01
4	Computer Set (Dell/HP/) with i3/i5/i7, 12 th gen & OS Linux	01
5	Ceiling Fan	01

4. Department of Zoology

1.	Laptop- Intel core i3, 4GB RAM, 1TB storage, 256 SSD (Windows 11, MS office), FHD, HDMI, USB ports	01
2.	Projector- LED, 1080FHD, 5000 Lumens	01
3.	Projection screen-100 inch	01
4.	Printer- HP 1005M MFP	01
5.	Office Glass-door Steel Sheeted Almirah 5 shelves	02

5. Department of Mathematics

Sl.No.	Name of Equipment's	Qty.
1.	Desktop (i3/i5/i7)	3 nos.
2.	Colour Printer (All in One)	1 nos
3.	Desktop Table & Chairs	3 Set
4.	Almirah	2 nos
5.	Office table and Chairs	2 set