



CENTRAL UNIVERSITY OF SOUTH BIHAR

SH-7, Gaya- Panchanpur Road, Village- Karhara,
Post- Fatehpur, P.S- Tekari, District- Gaya (Bihar) PIN- 824 236

Notice Inviting Tender (NIT)

The Central University of South Bihar invites sealed tenders for the Supply of **“Laboratory Chemicals & Consumables”** at CUSB Panchanpur, Gaya from original manufactures/ authorized dealers/ distributors. The last date and time of submission of tender document is **17/05/2022 by 4:00 PM**. The detailed tender document is available on the University website www.cusb.ac.in. The cost of tender form is Rs. 500/- and can be purchased by payment in the form of Demand Draft, from Central University of South Bihar. The tender forms can also be downloaded from University website and be accompanied by **DD of Rs. 500/- in favour of „Central University of South Bihar”, payable at Gaya**. Duly filled in tender is to be sent by Speed Post/ Registered Post/ By Hand (to be dropped in Tender Box) on following Address: -

To The Registrar (Tender Document)
CENTRAL UNIVERSITY OF SOUTH BIHAR
SH-7, Gaya- Panchanpur Road, Village- Karhara,
Post- Fatehpur, P.S- Tekari, District- Gaya (Bihar) PIN- 824 236
Email – registrar@cub.ac.in, Website – cusb.ac.in
CPP Portal web site: www.eprocure.gov.in/epublish/app/epublish/app

Note: Online submission of tender is mandatory and hard copy of bid documents also to be sent (through Speed Post/ Registered Post/ Courier or by hand in tender box) on or before 17/05/2022 on the address mentioned above.

Tender document and other details can be obtained from <https://mhrd.euniwizarde.com>
And www.cusb.ac.in CPP Portal web site: www.eprocure.gov.in/epublish/app/epublish/app

Registration with M/s ITI Ltd: - Intending bidders are requested to register themselves with M/s ITI Ltd (If not registered earlier) through <https://mhrd.euniwizarde.com> for obtaining user-id, by paying a Registration fee and online tender processing fee etc. Bidders are also required to obtain Digital Signature for participating in the e-tender.

E-Tender Processing Fee - pay to “ITI LTD. Through e-payment gateway.

For participating in the e-Tendering process of **Central University of South Bihar** the contractor shall have to get them registered on the site <https://mhrd.euniwizarde.com> by making required payment through only online payment mode so that they will get user ID and Password. This will enable them to access the website, <https://mhrd.euniwizarde.com> with the help of Digital Signature by which they can participate in e-Tender of **Central University of South Bihar GAYA**.

For this intending bidder may contact following e-Wizard Helpdesk numbers.

E-Wizard Helpdesk

301-302, 3rd Floor, The Cloverleaf, Plot no.37,
Sector-11, Dwarka, New Delhi - 110075
Tel: 011-49606060/8448288984/8448288981



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Index for Tender Form

S. No.	Items	:	Details
1.	Tender Notice No.	:	CUSB/PSD/Chemicals/T/01/2022-23, Dated: 22/04/2022
2.	Name of work	:	Tender Bid Document for the Supply of “Laboratory Chemicals & Consumables” for Central University of South Bihar, SH-7, Gaya- Panchanpur Road, Village- Karhara, Post- Fatehpur, P.S- Tekari, District- Gaya (Bihar) PIN- 824236.
3.	Tender Fee	:	Rs. 500/- in shape of Demand Draft
4.	Earnest Money Deposit	:	Earnest money as mentioned in NIT in shape of Demand Draft drawn in favour of Central University of South Bihar, payable at Gaya from any scheduled Bank.
5.	Start of submission of Bids	:	22/04/2022
6.	Last date and time for Receipt of Bids	:	17/05/2022 by 4:00 PM
7.	Date and Time of opening of Technical Bids	:	18/05/2022 by 2:30 PM
8.	Place of opening of Bids	:	CUSB Gaya.



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Name of the work: Tender Bid Document for the supply of “**Laboratory Chemicals & Consumables**” at Central University of South Bihar, Gaya (Bihar).

Sold to Sri/Smt./M/s.

On payment of Rs. 500/- (Rupees Five Hundred only)

Vide D.D. No. Bank & Branch dt.....

Registrar

I undertake to abide by the terms and conditions as stipulated in the detail tender call notice and conditions of contract.

Signature of the contractor

For Office Use only

- | | | |
|--------------------------------------|---|--------------------------|
| 1. Total Nos. Corrections | : | |
| 2. Total Nos. of Overwriting | : | |
| 3. Total Nos. of Pages | : | |
| 4. Earnest Money Deposit in shape of | : | |
| 5. Copy of S.T.C.C | : | Furnished/Not Furnished |
| 6. Copy of I.T.C.C./PAN | : | Furnished/ Not Furnished |
| 7. Any other enclosure | : | |

Registrar
Central University of South Bihar



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Supply of “**Laboratory Chemicals & Consumables**” at Central University of South Bihar, Gaya.

Technical Bid

Note: This is to be kept in **Envelope “B”** sealed and it should be written on envelop that **Tender for the supply of “Laboratory Chemicals & Consumables”** at Central University of South Bihar” Gaya.



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NOTICE INVITING BIDS

The Central University of South Bihar (CUSB), invites sealed tender in two bid system for the supply of **“Laboratory Chemicals & Consumables”** at Central University of South Bihar, Gaya (Bihar) from the original manufactures/authorized dealers/ distributors. Details are as follows:

Sl. No	Description of Goods	Earnest Money to be Deposited	Last date & time of submission of Tender document	Time & date of opening of Tender	Time allowed for completion of delivery
1.	Supply of Laboratory Chemicals & Consumables at Central University of South Bihar, Gaya.	As detailed below	17/05/2022 by 4:00 PM	18/05/2022 at 11:30 AM	30 days after issue of Purchase Order

2. The tender must be accompanied by a Demand Draft for the amount mentioned as above in Indian Rupees only, on a schedule bank drawn in favour of Central University of South Bihar, payable at Gaya as Earnest Money for the above tender.

EMD to be deposited for		
S. No.	Department	Amount (Rs.)
(i)	Biotechnology	10,000.00
(ii)	Life Scienc	10,000.00
(iii)	Environmental Science	10,000.00
(iv)	Physics	10,000.00
(v)	Chemistry	10,000.00
(vi)	School of Education	10,000.00



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3. Eligibility Criteria

3.a. Financial

The Firm should have average annual financial turnover of at least 25 Lakh during the preceding last 3 consecutive financial years starting from F.Y. 2020-21.

3.b. Physical

Three similar supplies in Central Government/ State Government/ PSU/ Universities/ Reputed Higher Educational Institutions costing not less than 40% of the estimated cost or two similar supplies costing not less than 60% of the estimated cost or one similar supplies costing not less than 80% of the estimated cost in the last 3 years ending on the last day of the month previous to the one in which the tenders are invited.

4. Sealed tender documents duly signed on all pages are required to be delivered at Central University of South Bihar, by Registered Post/ Speed Post/By Hand (to be submitted in Tender Box) to reach on or before **17/05/2022 by 4:00 PM**. The Technical Bids will be opened at **18/05/2022 at 11:30 AM** at CUSB, Gaya in presence of the Tenderers or their authorized representatives who wish to attend. The date of opening of the Financial Bids of those bidders declared as qualified in Technical Bids will be announced on University website. If the office happens to be closed on the date of receipt of the bids or opening of bids as specified, the bids will be received and opened on the next day of opening of the office at the same time and venue.
5. The tenderer shall quote for the materials to be supplied as per detailed specifications as given in the tender document, at Gaya.
6. Tenderers may email their queries to registrar@cub.ac.in, if any. If found necessary, University shall upload the clarification on the website.
7. The tender shall be submitted in three separately sealed envelopes marked as "A", "B", & "C". The language used shall be English. In case any information is given in foreign language, then translated (in English) copies of those pages must be enclosed, failing which the tender will be disqualified.



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8. ENVELOPE ,A"(Earnest Money & Tender Cost)

The tender shall be accompanied by the cost of the tender document for Rs. 5,00/- (Indian Rupees Five Hundred only) in the form of Demand Draft failing which the tender will not be accepted. Tender must also be accompanied by earnest money as mentioned above in the form of Demand Draft in favour of Central University of South Bihar, payable at Gaya executed by any Scheduled Bank. The Demand Draft towards Earnest Money & cost of tender document will be placed in sealed **Envelope ,A"**

- 8.a.** The tender cost and EMD are not required to be submitted by bidders who are exempted in terms of MSME, Govt. of India guidelines. However, they are required to furnish requisite certificate in this regard issued by the Competent Authority.

9. ENVELOPE ,B" (Technical Bid Document)

- 9.i.** Those Tenderers, who are not the manufacturer but are authorized by the original manufacturer to supply the goods, should establish their credentials by giving valid documentary evidences of similar supplies to have been executed in India.

9.ii. Checklist for Envelope ,B"

- 9.ii.a.** Copy of registration of GST & PAN Card.
- 9.ii.b.** Copy of Trade License, Factory License/Excise Registration.
- 9.ii.c.** Copy of Annual Audited Balance Sheet for last three years.
- 9.ii.d.** Copy of Memorandum and Article of Association, Certificate of Incorporation, Partnership Deed, Registration Certificate issued by the Registrar of Firms etc.
- 9.ii.e.** Copy of Authorization for Participation in subject bid (not required in case of Proprietorship firm).
- 9.ii.f.** Copy of Dealership/ Distributorship Authorisation Certificate.
- 9.ii.g.** Drug Manufacturing License if needed for manufacturing (for chemicals & Glasswares Categories).



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- 9.ii.h** Copy of Purchase Order/ Work Order of meeting minimum eligibility criteria (Financial & Physical).
- 9.ii.i.** All pages of tender document including various sections and Annexures, except priced bid.
- 9.ii.j.** Copy of Small Scale Unit/ MSME/ NSIC Registration under relevant items (if registered).
- 9.ii.k.** The bidders must agree for immediate free replacement in case any discrepancy is found with regard to quality/ quantity of the material to be supplied by them.
- 9.ii.l** Product manual, credentials etc.

10. Envelope „C“(Financial Bid Document)

- 10.1.** The **Envelope „C“** shall contain the tender documents and information related to the schedule of quantities quoting the rates per Unit/Price etc. of the item pertaining to the Financial Bid on the Financial Bid document, issued by CUSB, along with the tender document.
- 10.2.** All columns shall be duly filled in with specific information on the cost involved.
- 10.3.** The rates for the items shall be quoted in Indian Rupees.

***NOTE** The Tenderer should clearly mention in all the three envelopes (i.e. A, B and C) clear description of the items for which the offer is being quoted. If any discrepancy is observed the offer would be treated as non-responsive and would be rejected outrightly.

- 11.**
- **Envelope „A“**(Earnest Money & Tender Cost),
 - **Envelope „B“**(Technical Bid Document), and
 - **Envelope „C“**(Financial Bid Document), shall be in separate sealed envelopes, each marked as “**Envelope „A“**”, “**Envelope „B“**” and “**Envelope „C“**”, respectively.
 - All the three envelopes shall be submitted together in another big envelope sealed and super-scribing thereon **Tender for supply of “Laboratory Chemicals & Consumables” along with Tender number.**



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- The envelope should be addressed to, The Registrar (Tender Document), Central University of South, SH-7, Gaya - Panchanpur Road, Village - Karhara, Post- Fatehpur, P.S. Tekari, District - Gaya (Bihar) PIN - 824236.
 - The envelope marked „**Envelope,B**“ of only those Tenderers shall be opened, whose earnest money & tender cost are placed in the „**Envelope,A**“ and found to be in order.
- 12.** The Tender Evaluation Committee will evaluate the Technical Bids and is fully authorized to reject any incomplete tender or on its satisfaction that the requirements are not met for the complete need of the CUSB with regard to the Committee. The decision of the Tender Evaluation Committee shall be final. Only those Technical Bids cleared by the Tender Evaluation Committee shall be eligible for consideration of Price Bid. Those successful Tenderers for whom the **Envelope „C”** (Price Bid) is to be opened shall be duly intimated.
- 13. Clarification on Tender Documents**
- 13.1.** During evaluation of tenders, the University authorities/ committee may at its discretion ask the Tenderer for any clarification(s) if so deemed fit. The request for clarification and the response shall be in writing. However, the Tenderer is not permitted to alter the price(s) furnished in the Price Bid (**Envelope „C”**).
- 13.2.** Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price (i.e. obtained by multiplying the unit price and quality), the unit price shall prevail and the total price shall be corrected. If the supplier does not accept the correction of errors, its tender will be rejected. If there is a discrepancy between words and figures, the amount in words will prevail.
- 14.** The amount of Earnest Money Deposit (EMD), in case of successful Tenderer, shall be refunded on successful completion of delivery/installation. However, EMD of unsuccessful Tenderers will be refunded after the award of the contract to the successful Tenderer.



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15. The CUSB, does not bind itself to accept the lowest or any other tender, and reserves the authority to reject any or all the tenders received without assigning any reason. Tenders not in compliance with any of the prescribed conditions or incomplete in any respect or in presence of any correction not duly dated, initialled by the Tenderer will be liable to be rejected. However, the final decision for accepting or rejecting any or all tenders will be in the sole discretion of Vice Chancellor, CUSB.
16. Tender shall remain open for acceptance for a period of 90 days from the date of opening of the tenders. If any Tenderer withdraws his tender before the said period or makes any modifications in the terms and conditions of the tender which are not acceptable to CUSB, then CUSB, shall without any prejudice to any other right or remedy, be at liberty to forfeit full earnest money, absolutely. The decision of Vice Chancellor, CUSB in this behalf shall be final and binding on the Tenderer.
17. The notice Inviting tender shall form a part of the contract document.
18. No additional conditions from the Tenderer shall be acceptable. The tenders having any additional conditions will be summarily rejected without assigning any reason.
19. The Tenderer should meet the Financial & Physical work completion criteria to qualify in the subject tender.

Date:

Place:

Signature of the Tenderer



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TECHNICAL BID PROFORMA

1.	Name of the Organization	
2.	Head Office / Registered Office	
	Telephone No/mobile No.	
	Fax No.	
	Email	
	Web site (if any)	
	Date of Establishment	
	Branch Office in Gaya , if any	
	(Provide Complete Address)	
	Telephone No.	
	Fax No./Email	
3.	Name of Chief Executive/ Proprietor / Partners with Designation	
	Telephone No./Mobile No.	
	Fax No./ Email	
4.	Name of Contact Person	
	Telephone No./Mobile No	
	Fax No./Email	
5.	Type of Organization	Certified Documents to be enclosed



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a.	Proprietary		Trade License
b.	Partnership		Partnership Deed, Trade License
c.	Private Limited Company		Memorandum of Article
d.	Public Limited Company		Certificate of Registration
e.	Public Sector		Trade License
6.	Nature of Business (tick the relevant)		
	Manufacturing		Service
			Dealership
	Stockiest		Indian Agent
			Indian Branch Office
	Others Pl. Specify		
7.	Class / Type of Product / Materials Manufactured / Sold / Serviced/ Fabricated		
	Scientific Equipment	Electronics	Lab Consumables & Chemicals
	Electrical Items	Computer Peripherals	Computers
	Laboratory Equipments	Office Automation Product	Electrical Works
	Sport Materials	Water Coolers	Air-conditioners
	AV Equipments	Boards	Other, please specify.....
Audited Annual Turnover during last 3 years (` In Lakhs) (enclose Chartered			



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Accountant's certification & Income Tax Return Copy)		
Year	Rupees (in Lakhs)	Annexure (Number)
2020-21		
2019-20		
2018-19		

8.	Commercial Information (enclose Attested Copy wherever Applicable)		
S. No.	Information	Details	Annexure (Number)
a.	GST Registration Number		
b.	Excise Registration Number Trade / Factory License Number		
c.	PAN No.		
d.	Details of Registration Certificate with DGS&D/NCCF		
e.	SSI/NSIC/MSME Certificate		
f.	Current dealership agreement with Principal Letter No. / Date / Valid upto		
g.	Relevant IISI/ SO Certificate, if any		
h.	<u>Bank Details :</u> Account No.		
i.	Name of Bank & Branch		



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j.	IFSC Code					
k.	Details of Tender Fee	Amount:	DD No. & Date		Name of the issuing Bank & Branch	
l.	Details of EMD	Amount:	DD No. & Date		Name of the issuing Bank & Branch	
m.	Details of Previous Supply in Govt. Organisations/ Govt. Educational Institutions (Enclose Supply order & Performance report. If required enclose separate sheets) Enclosures -	Name of the organization	Item Supplied / Qty.		Total Value (Rs in lakhs)	
9.	MSME Entrepreneur	Comment (in case waiving of EMD)				
9.1.	Is the bidder MSME Entrepreneur	Y/N				
9.2.	If yes, the category (GEN/OBC/SC/ST/Women)	GEN	OBC	SC	ST	Women
I/ We hereby give an undertaking that the information provided are true to the best of my knowledge and belief. If anything found to be false at any stage my tender will be liable to be rejected and EMD amount will be forfeited.						
Signature of authorized representative:						
Date:.....						
14.	Note					
14.1.	Separate information sheet may be provided for item (s) in case space provided is not adequate.					



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GENERAL CONDITIONS OF PURCHASE

1. Definitions

- 1.1. In this Purchase, the following terms shall be interpreted as indicated.
- (a) "The Order" means the agreement entered into between the Purchaser and the Supplier including all the attachments and appendices and all documents incorporated as per notification of award.
 - (b) "The Purchase Price" means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations;
 - (c) "The Goods" means all the items, which the Supplier is required to supply to the Purchaser under the Contract;
 - (d) "Services" means services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services training and other obligations of the Supplier covered under the Contract;
 - (e) "GCP" means the General Conditions of Purchase contained in this section.
 - (f) "The Purchaser" means the organization purchasing the Goods i.e **CENTRAL UNIVERSITY OF SOUTH BIHAR, GAYA.**
 - (g) "The Purchaser's country" is India.
 - (h) "The Supplier" means the individual or firm supplying the Goods and Services.
 - (i) "Day" means calendar day.

2. Application

- 2.1. These General Conditions shall apply to the extent that they are not superseded by provisions in other parts of the tender.

3. Standards

- 3.1. The Goods supplied under this Purchase shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standard appropriate to the Goods' country of origin and such standards shall be the latest issued by the concerned Institution.

4. Use of Purchase Documents and Information

- 4.1. The Supplier shall not, without the Purchaser's prior written consent,



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disclose the Purchase, or any provision thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of the Purchaser in connection therewith, to any person other than a person employed by the Supplier in performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.

- 4.2. The Supplier shall not, without the Purchaser's prior written consent, make use of any document or information except for purposes of performing the Contract.
- 4.3. Any document, other than the Contract itself, shall remain the property of the Purchaser and shall be returned (in all copies) to the Purchaser on completion of the Supplier's performance under the Contract if so required by the Purchaser.

5. Patent Rights

- 5.1. The Supplier shall indemnify the Purchaser against all third-party claims of infringement of patent, trademark or industrial design rights arising from use of the Goods or any part thereof in India.

6. Submission of the bids

- 6.1. All bids complete in all respect must reach the purchaser within the last date and time of receipt of bid. No extension shall be allowed for any reason what so ever. Late tenders/delayed bids and tenders received without earnest money etc. shall be rejected.

7. Inspections and Tests

- 7.1. The Purchaser or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Purchaser.
- 7.2. The inspections and tests may be conducted on the premises of the Supplier or its subcontractor(s), at point of delivery and/or at the Goods final destination. If conducted on the premises of the Supplier or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data shall be furnished to the inspectors at no charge to the Purchaser.
- 7.3. Should any inspected or tested Goods fail to conform to the specifications, the Purchaser may reject the goods and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the Purchaser.



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7.4. The Purchaser's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival at Project Site shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by the Purchaser or its representative prior to the Goods shipment.

7.5. Nothing in GCP Clause 7 shall in any way release the Supplier from any warranty or other obligations under this Contract.

8. Consequences of rejection

8.1. If in the event the stores are rejected by the purchaser at the destination and the supplier fails to make satisfactory supplies within the stipulated period of delivery, the purchaser will be at liberty to:

- (a).** Allow the supplier to resubmit the stores in replacement of those rejected, within a specified time without any extra cost to the purchaser or
- (b).** Reject the material, which shall be final and binding on the contractor.
- (c).** Procure the rejected materials of comparable quality from the open market/Govt. stores and the supplier shall be liable to pay the difference in price over the RC prices or get the amount adjusted from the outstanding bills of the supplier, if any or EMD.

9. Packing

9.1. The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.

9.2. The packing, marking and documentation within and outside the packages shall comply strictly with such special requirements as shall be provided for in the Contract including additional requirements, in any subsequent instructions ordered by the Purchaser.

10. Delivery and Documents

10.1. The Supplier shall make delivery of the Goods within specified period from the placement of purchase order in pursuance of the notification of award. The purchase order would be placed after assessing the requirements on quarterly basis. However, the supplier shall also arrange to execute all



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orders on priority basis which would be placed to meet any emergent requirements

- 10.2.** In case the purchaser decides to conclude parallel rate contracts, then the requirements would be split on different firms on equitable basis as per the discretion of the purchaser.
- 10.3.** The delivery of Stores shall be affected at the premises of the University free of all delivery charges and within the stipulated time and as may be elucidated in the confirmed order, accompanied by a delivery challan. No extension of time for delivery of Stores shall normally be accorded.

Time and date of delivery – the essence of the contract: The time for and the date of delivery of the stores stipulated shall be deemed to be of the essence of the contract and delivery must be completed not later than the date(s) specified.

11. Insurance

- 11.1.** The Goods supplied under the Contract shall be fully insured in Indian Rupees against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery. The insurance shall be obtained by the suppliers in an amount equal to 110% of the value of the goods from “warehouse to warehouse” (final destinations) on “all risks” basis including war risks and strikes

12. Transportation

- 12.1.** Where the Supplier is required under the Contract to transport the Goods within India defined as Project site, transport to such place of destination in India including insurance, as shall be specified in the Contract, shall be arranged by the Supplier, and the related cost shall be included in the contract Price.

13. Warranty

- 13.1.** The Supplier warrants that the Goods supplied under this Contract are new, unused, of the most recent or current models and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Supplier further warrants that all Goods supplied under this Contract shall have no defect arising from design, materials or workmanship or from any act or omission of the Supplier that may develop under normal use of the supplied Goods in the conditions prevailing in India.
- 13.2.** This warranty shall remain valid for 12 months or as per Warranty Card (whichever is later) after the Goods or any portion thereof as the case



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may be, have been delivered to and accepted at the final destination indicated in the Contract, unless specified otherwise

13.3. Manufacturing date, expiry date & Batch Number of chemicals should be clearly mentioned if order placed. Expiry of chemicals should not be less than one year from the date of delivery.

13.4. The purchase shall promptly notify the Supplier in writing of any claims arising under this warranty.

13.5. Upon receipt of such notice, the Supplier shall with all reasonable speed, repair or replace the defective Goods or parts thereof, without any extra cost to the Purchaser.

13.6. If the Supplier, having been notified, fails to remedy the defect(s) within a reasonable period, the Purchaser may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

14. Payment

14.1. The payment shall be made after inspection of the materials and satisfactory performance.

14.2. The Supplier's request(s) for payment shall be made to the Purchaser in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and the Services performed, and by documents, submitted pursuant to GCC Clause 10, and upon fulfillment of other obligations stipulated in the contract.

15. Prices

15.1. Prices charged by the Supplier for Goods delivered and Services performed under this Purchase shall not vary from the prices quoted by the Supplier in his bid.

16. Change Orders

16.1. The Purchaser may at any time, by written order given to the Supplier, make changes within the general scope of the Contract in any one or more of the following:

- (a) Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;
- (b) The method of shipping or packing;
- (c) The place of delivery; and/or



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(d) The services to be provided by the Supplier.

16.2. If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within thirty (30) days from the date of the Supplier's receipt of the Purchaser's change order.

17. Contract Amendments

17.1. Subject to GCP Clause 16, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

18. Assignment

18.1. The Supplier shall not assign, in whole or in part, its obligations to perform under the Contract, except with the Purchaser's prior written consent

19. Subcontracts

19.1. The Supplier shall notify the Purchaser in writing of all subcontracts awarded under this Contract if not already specified in the bid. Such notification, in his original bid or later, shall not relieve the Supplier from any liability or obligation under the Contract.

20. Delays in the Supplier's Performance

20.1. Delivery of the Goods and performance of the Services shall be made by the Supplier in accordance with the time schedule specified by the Purchaser as per GCP clause 10.

20.2. If at any time during performance of the Contract, the Supplier or its sub-contractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may, at its discretion, extend the Supplier's time for performance with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of the Contract

20.3. Except as provided under GCP Clause 23, a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to



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the imposition of penalty pursuant to GCP Clause 21, unless an extension of time is agreed upon pursuant to GCC Clause 20.2 without the application of liquidated damages.

21. Penalty

- 21.1. Subject to GCP Clause 23, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as penalty, a sum equivalent to 0.5% per week and the maximum deduction is 10% of the contract price of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance. Once the maximum is reached, the Purchaser may consider termination of the Contract pursuant to GCC Clause 22.

22. Termination for Default

- 22.1. The Purchaser may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Supplier, terminate the Contract in whole or part
- (a) If the Supplier fails to deliver any or all of the Goods within the period(s) specified in the purchase order, or within any extension thereof granted by the Purchaser pursuant to GCP Clause 20; or
 - (b) If the Supplier fails to perform any other obligation(s) under the Contract.
 - (c) If the Supplier, in the judgment of the Purchaser has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

„For the purpose of this Clause:

“**Corrupt practice**” means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.

“**Fraudulent practice**” means misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition;”

- 22.2. In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 22.1, the Purchaser may procure, upon such



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terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Purchaser for any excess costs for such similar Goods or Services. However, the Supplier shall continue the performance of the Contract to the extent not terminated.

23. Force Majeure

23.1. Notwithstanding the provisions of GCP Clauses 20 & 21, the Supplier shall not be liable for imposition of liquidated damages or termination for default, if and to the extent that, its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

23.2. For purposes of this Clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the Purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.

23.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

24. Termination for Insolvency

24.1. The Purchaser may at any time terminate the Contract by giving written notice to the Supplier, if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy, which has accrued or will accrue thereafter to the Purchaser.

25. Termination for Convenience

25.1. The Purchaser, by written notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the



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Contract is terminated, and the date upon which such termination becomes effective.

- 25.2.** The Goods that are complete and ready for shipment within 30 days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices.

26. Resolution of Disputes

- 26.1.** The Purchaser and the supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.
- 26.2.** If, after thirty (30) days from the commencement of such informal negotiations, the Purchaser and the Supplier have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred for resolution to the formal mechanisms as specified below. These mechanisms may include, but are not limited to, conciliation mediated by a third party, adjudication in an agreed national or international forum, and national or international arbitration.
- 26.3.** In case of Dispute or difference arising between the Purchaser and a supplier relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Arbitration and Conciliation Act, 1996.

27. Governing Language

- 27.1.** The contract shall be written in English language. Subject to GCC Clause 28, English language version of the Contract shall govern its interpretation. All correspondence and other documents pertaining to the Contract which are exchanged by the parties shall be written in the same language.

28. Applicable Law

- 28.1.** The contract shall be governed by the Law of Contract for the time being in force.
- 28.2** Irrespective of the place of delivery, the place of performance or place of payment under the contract, the contract shall be deemed to have been made at the place from which the acceptance of tender has been issued.



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- 28.3.** Jurisdiction of Courts: The courts of the place from where the acceptance of tender has been issued shall alone have jurisdiction to decide any dispute arising out of or in respect of this contract.
- 28.4.** One month notice will be given by either party for termination of Contract during the tenure of Contract for breach of Clause or otherwise.
- 29. Taxes and Duties**
- 29.1.** Suppliers shall be entirely responsible for all taxes, duties, license fees, octroi, road permits, etc., incurred until delivery of the contracted Goods to the Purchaser.
- 30.** All legal disputes arising out of this contract /bid shall be subject to competent court and forum under judicature of Gaya only.
- 31.** Submission of Performance Bank Guarantee as per GFR Rules 2017 (if applicable).



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Annexure „A“

List of items required for “Biotechnology Lab”

SL.NO.	PARTICULARS	MAE/BRAND	Cat. No.	Quantity
1	Fetal Bovine Serum	HIMEDIA	RM9955-500ML	03 Pc.
2	TEMED	Sigma	100ml	02 Pc.
3	DCFDA	Sigma	248614	01 Pc.
4	L-GLUTAMINE	HIMEDIA		01 Pc.
5	RPMI 1640	Himedia	AL162A-500ML	500mlx1
6	Sephadex® G-50	Merck	G50150-50G	50gx1
7	HS Media	Himedia	M245	500gx1
8	Thermo Scientific™ Oxoid™ Blank Antimicrobial Susceptibility discs	Fisher Scientific	CT0998B	2 pack
9	Gel Puncher 4MM	Fisher Scientific	10208324	25 pieces
10	Cell Spreader, 90°, Glass	Fisher Scientific	CLS135002	20 pieces
11	RNA extraction kit	Himedia	HTBM012-10PR	2 Kit
12	cDna Kit	Himedia	MBT076-100R	2 Kit
13	Prapanoic acid	Himedia	GRM3658-500ML	500mlx1
14	Ortho-phosphoric acid	Himedia	AS010-500ML	500mlx1
15	Potassium chloride	Himedia	PCT0012-500G	500Gx1
16	Dextrose	Himedia	PCT0612-500G	500Gx10
17	Agar	Himedia	GRM666-500G	500Gx2
18	Agarose	Himedia	MV094-500G	500Gx1
19	Mineral oil	Himedia	DC600-500ML	500ML x1
20	Nitroblue tetrazolium NBT	Himedia	TC475-250MG	250x2
21	Hydrogen peroxide solution (H2O2)	Sigma	88597-100ML-F	100MLx2
22	Murashige and Skoog media without Sucrose	Himedia	PT018-2.5L	5Pc.
23	Methyl Jasmonate	Sigma	392707	25mlx1
24	Paraquat	Sigma	P61435	2mlx2
25	Glutathione-Agarose beads	Sigma	G4510	5mlx1
26	Ammonium Acetate	Himedia	GRM-295	500gx1
27	Acetic Acid	Himedia	AS-119-2.5L	2.5Lx1
28	Acetone	Himedia	MB179-2.5L	2.5lx1
29	Acrylamide	Himedia	MB068-500G	500gx1



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30	Bardford Reagent	Himedia	ML106-100ML	100mlx1
31	Butanol	Himedia	MB055-500ML	500mlx1
32	Chloroform	Himedia	ASO40-2.5L	2.5Lx1
33	Calcium Chloride	Himedia	GRM710-500G	500gx1
34	EDTA Dipotassium Salt	Merck	E5134-100G	100gx1
35	Labolene	Qualigen	Q42218	5LX1
36	Ferric Chloride	Himedia	GRM1178-500G	500gx1
37	Formaldehyde	Qualigen	Q12755Q	500mlx1
38	Potassium Di Chromate	Himedia	GRM625-500G	500gx1
39	Giemsa Solution	Himedia	TCL083-1X100ML	100mlx1
40	Lipopolysacchride from E Coli	Sigma	L2630-10MG	10mgx1
41	Hydrochloric Acid	Himedia	AS003-2.5L	2.5Lx1
44	Hi sep LSM	Himedia	LS001-100ML	100mlx1
43	Methanol	Himedia	AS061-2.5L	2.5Lx1
44	Ninhydrin	Himedia	GRM248-10G	10gx1
45	Propanol	Himedia	AS068-2.5L	2.5Lx1
46	Sodium Chloride	Himedia		250gx1
47	Sodium Hydroxide	Himedia	MB095-500G	500gx1
48	Acetocarmine	Himedia	PCT1304-100ML	100mlx1
49	Glycogen	Himedia	RM379-5G	5gx1
50	Potassium Dihydrogen Orthophosphate	Himedia	GRM1188-500G	500gx1
51	Disodium Hydrogen Orthophosphate	Himedia	GRM1417-500G	500gx1
52	Ampicillin	Sigma	A9518	5g
53	Chloramphenicol	Sigma	C0378	5g
54	Congo red	Sigma	C6277	25g
55	Furazolidone	Sigma	F9505	10g
56	Gentamycin	Sigma	G1264	250mg
57	Lysostaphin, recombinant	Sigma	L9043	5mg
58	Neomycin	Sigma	N1876	25g
59	Nalidixic acid	Sigma	N8878	5g
60	Proteinase K	Sigma	P2308	100mg
61	Sodium azide	Sigma	S8032	25g
62	N,N,N,N' Tetramethyl-p-phenylene diamine dihydrochloride	Sigma	T3134	5g
63	Trimethoprim	Sigma	T7883	5g
64	Polymyxin B sulphate	Sigma	P0972	1MU
65	Streptomycin	Sigma	S6501	5g
66	Sulfamethoxazole	Sigma	S7507	10g
67	Ciprofloxacin	Sigma	17850	5g
68	Bottle Mannitol Salt Agar	Difco-BBL	211407	500g
69	Bottle Brain Heart Infusion Broth,	Difco-BBL	299070	500g



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	modified			
70	Burette 50ml Glass	Standard Quality/Brand		10pcs
71	Burette 100ml Glass	Standard Quality/Brand		5pcs
72	Beurette Stand	Standard Quality/Brand		10pcs
73	Aluminium Foil	Standard Quality/Brand		10 (1pc/pk)
74	Brushes Wash (Different Size)	Standard Quality/Brand		10 (1pc/pk)
75	Cotton , non Absorbent	Standard Quality/Brand		20 (1pc/pk)
76	Cryo Box 96 places , 1.8ml capacity	Tarson	524010	4 (1pc/pk)
77	Cryo Box 96 places , 4.5ml capacity	Tarson	524030	4 (1pc/pk)
78	Cryo Box 21 places , 1.8ml capacity	Tarson	52400	4 (1pc/pk)
79	Cryo Box 21 places , 4.5ml capacity	Tarson		4 (1pc/pk)
70	Cryo Vial (Cryochill) 1.8ml	Tarson	523182	1 (1000pc/pk)
81	Cryo Vial (Cryochill) 4.5ml	Tarson	513183	2 (500pc/pk)
82	Cell Culture Dish 90x14mm	Tarson	460095	3 (480pc/pk)
83	Duster Cloth	Standard Quality/Brand		1 (10pc/pk)
84	Mask	Standard Quality/Brand		2 (50/pk)
85	Parafilm 2"x250'	Tarson	380010	2 (1pc/pk)
86	Parafilm "x125'	Tarson	380020	2 (1pc/pk)
87	Tissue Roll	Standard Quality/Brand		50 (1pc/pk)
88	Glass Petriplates 90x15mm	Standard Quality/Brand		100pcs
89	Ethanol Ethoxy	Standard Quality/Brand		500ml
90	Tris base	Standard Quality/Brand	MB029-500G	500g
91	Dextrose	Himedia	GRM016-500G	500g
92	Spirit	Standard Quality/Brand		4.5l
93	Xpert Dot Elisa Teaching Kit	Himedia	HT10015-15PR	1 Kit
94	Xpert Ouchterlony Double Diffusion Teaching Kit	Himedia	HT1003-15PR	1 Kit
95	Xpert Radial Immuno Diffusion Teaching Kit	Himedia	HT1004-20PR	1 Kit
96	Wash bottle new type	Tarson	561120	4/pk
97	Aspirator bottle with stop cork, 5000ml	Tarson	583210	1/pk
98	Primers, Oliogs 25nmol, 49 oligos	GCC		1072 bases
99	Primers, Oliogs 50nmol, 9 oligos	GCC		183 bases
100	Primers, oligos modified-50nmol	GCC		10 bases
101	Ammonium Persulphate	Sigma	A3678-25g	25g
102	Methanol	Himedia	AS061-2,5L	2.5L



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103	Xylene Cyanol	Merck	X4126-10G	10g
104	Sodium Acetate	Himedia	TC023-500G	100g
105	Potassium Acetate	Himedia	MB042-500G	100g
106	Blood Grouping Kit	Standard Quality/Brand		1kit/pk
107	Lancet (pricker)	Standard Quality/Brand		1/pk
108	Slides of different stages of mitosis	Standard Quality/Brand		1/pk
109	MS media Murasik and Skoog media	HiMedia	PT021-25L	15L/pk
110	Agar-Agar	Himedia	PCT0901-500g	500g
111	Sodium Hypochlorite	Himedia	AS102-1L	1L
112	2,4-dichlorophenoxyacetic acid	Sigma-Aldrich	D7299-100G	100G
113	Thiamine HCl	Himedia	CMS182-100G	100G
114	Sterile Scalpel Blade No. 20	Himedia	LA771	1Pk.
115	PTFE syringe filters (0.22µm)	Axiva	SFNY25R	1Pk.
116	Culture tube (500 unit)			500pcs
117	Stevioside	Merck	50956	1pc.



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Annexure „B”

List of items required for “Life Science Lab”

SL.NO.	PARTICULARS	MAKE	QTY
Glasswares			
1	Reagent Bottle Screw Cap, 250 ml, Cat. No. 1501021	Borosil	20
2	Reagent Bottle, screw cap, 250 ml, Amber, Cat. No. 1509021	Borosil	10
3	Reagent Bottle screw cap, 100 ml, Cat. No. 1501016	Borosil	20
4	Reagent Bottle, 100 ml, Amber, Cat. No. 1509016	Borosil	10
5	Conical Flask, 50 ml, Cat. No. 5000012	Borosil	20
6	Stirring Rod glass	Standard Quality/Brand	20 pcs
7	Capillary Tube, glass	Standard Quality/Brand	2 Pk
9	Mortar Pestle, Porcelain, Size: 4 Inch	Standard Quality/Brand	20
10	cover slip (22*22 circular), ART NO. 22C	blue star	1
11	Short plates , #1653308	BioRad,	1
12	Spacer plates 1.0mm, # 1653311	BioRad,	1
13	Spacer plates 1.5mm, # 1653312	BioRad,	1
Plasticwares			
14	Conical Centrifuge Rack, 50 ml stand, Cat. No. 241080	Tarson	10
15	ACCUPIPET™ - Variable Volume Pipette (1-10 µl) Code- 030010	Tarsons	1
16	ACCUPIPET™ - Variable Volume Pipette (10-100 µl) Code- 030030	Tarsons	1
17	ACCUPIPET™ - Variable Volume Pipette (100-1000 µl) Code- 030030	Tarsons	1
18	15 ml Centrifuge tube, 500031	Tarson	2
19	50 ml Centrifuge tube, 50041	Tarson	2
20	2 ml sterile Eppendorf tube, 500020	Tarson	12
21	Microtips sterile 20 µl, 521050	Tarson	10
22	Microtips sterile 200 µl, 521010	Tarson	10
23	Microtips sterile 1000 µl, 521020	Tarson	10
24	Microtips sterile 10 µl, 521000	Tarson	10
25	Tissue Roll	Standard Quality/Brand	100
26	Aluminium Foil	Standard	5



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		Quality/Brand	
27	Cling Film	Standard Quality/Brand	5
28	Chemical Resistant Rubber Hand Gloves, Large	Standard Quality/Brand	10
29	Pasteur Pipette, 3 ml, 500/PK, 940050	Tarson	10
30	Butter Paper	Any	10
31	KIMWIPES, 370080	Tarson	2
32	Petri Dishes, 90*14 mm, 500/PK, 460050	Tarson	2 PK
33	Serological Pipette, 2 ml, 500/PK, 940020	Tarson	2
34	Serological Pipette, 10 ml, 200/PK, 940040	Tarson	2
35	Serological Pipette, 5 ml, 250/PK, 940030	Tarson	2
36	Nitrile Gloves, Medium, Cat. No. 370110, 100/Pk	Tarson	10 Pk
37	Nitrile Gloves, Large, Cat. No. 370120, 100/Pk	Tarson	10 Pk
38	L Spreader, Pouch of 5, 100/Pk, Cat. No. 920081	Tarsons	5 Pk
39	Autoclavable Bag, 12*8 inch, 100/Pk, Cat. No. 550021	Tarson	10 PK
40	Gel Staining Box, 2/PK, Cat. No. 482020	Tarson	5 PK
41	Combilok Rack, 4/PK, 202081	Tarson	5 Pk
42	Reagent Reservoir, 75 ml, 12/PK, Cat. 524090	Tarson	1 Pk
43	Cryo Vial, 1.8 ml, 500/PK, 523182	Tarson	2 Pk
44	Cryo Box, 25 Places, 8/PK, 524000	Tarson	5 PK
45	Coplin Jar, 12/PK, 480000	Tarson	1 PK
46	Retort Base, Heavy, 10" * 6", LARB8888H10	Borosil	5
47	Serological Pipette, 25 ml, Cat. No. 940000, 200/Pk	Tarson	1 Pk
48	Haemoglobinometer Complete Set up	Standard Quality/Brand	5
49	Haemocytometer, Complete Set up	Standard Quality/Brand	2
50	cryobox, 1.5 ml, 4/Pk, Cat. No. 524020	Tarson	2
51	L Spreader, Autoclavable, Cat. No. PW-1085-1X100NO	Hi Media	1
52	6 well plate for cell culture ,980010, 50/Pk	Tarson	5 Pk
53	Micro Centrifuge tube, 1.5 ML, 500/Pk, Cat. No. 500010	Tarson	3
54	PTFE Tissue grinder glass vessel, 50 ml, glass, Item No. WW-44468-18	Cole Parmer	1
Chemicals			
55	QIAPrep Spin Miniprep Kit, Cat. 27104	QIAGEN	1
56	Blood Grouping Kit	Standard Quality/Brand	1
57	RNASE A, Cat. No. MB087-100MG	Himedia	2



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58	Phenol Chloroform Isoamylalcohol, Cat. No. 77617-100ML	Sigma	2
59	Aluminium Chloride, 237051-100G	Sigma	1
60	Thiamine HCL, TC173M-25G	Himedia	1
61	Hydrochloric Acid, TC536M-2.5L	Himedia	1
62	Sulphuric Acid, 258105-2.5L-PC	Sigma	1
63	Tris base, Cat. No. TC072-1 KG	Himedia	1
64	Tris Hcl, MB030-500G	Himedia	1
65	Sarcosyl, Cat. No. MB108-5gm	Himedia	1
66	Sucrose-500 g, Cat. No. GRM3063-500 GM	Himedia	10
67	Sodium hypochlorite, AS102-5L	Himedia	1
68	Tryptone Broth, GM463-500G	Himedia	1
69	Potassium Acetate, MB042-500G	Himedia	1
70	Gram Stain kit, Cat. No. K001L-1KIT	Himedia	1
71	Labolene, 5L, Cat. No. Q42218	Qualigen	2
72	Ethanol, CHINA	CHINA	18
73	Surgical Spirit, 2.5 Ltr	Local	2
74	Luria Broth, Granulated Cat. No. GM575-500G	Himedia	1
75	Protein Ladder, Cat. no. MBT092-100LN	Himedia	1
76	DNase1, Cat. No. M0303S	NEB	2
77	DNA 1 KB plus ladder, Cat. No. N3200S	NEB	1
78	Taq DNA Polymerase with standard buffer, Cat. No. M0273S	ILS (NEB)	2
79	Potato Dextrose Agar (M096F-500G)	Himedia	1
80	Methanol Lab Grade, 2.5L, AS058-2.5L	Himedia	10
81	Peptone, RM001-500G	Himedia	1
82	Glycine, TC075-100G	Himedia	1
83	Xylene, AS080-500ML	Himedia	1
84	Potato Dextrose Broth (GM403-500G)	Himedia	1
85	Agarose, Cat. No. MB094-500G	Himedia	1
86	Tryptophan, RM1761-5G	Himedia	1
87	dNTPs (10 mM), Cat. No. D7295-0.2ML	Sigma	1
88	Phenol, MB079-500	Himedia	1
89	MMLV Reverse Transcriptase, 639522	Takara	2
90	TEMED Hi-AR, GRM1572-250M	Himedia	1
91	Yeast Extract, 1037530500	Sigma	1
92	Sodium Nitrate, PCT0014-500G	Himedia	1
93	Hypophosphorous Acid, 214906-100ML	Sigma	1
94	Perchloric acid, AS014	Himedia	1
95	Ethanol for analysis, 1.00983.0511	Merck	5
96	syringe driven filter, cat no. SF10-50NO	Himedia	2
97	Acrylamide 3x cryst. 15657-1 KG	SRL	1



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Annexure „C“

List of items required for “Environmental Science Lab”

PARTICULARS	MAKE/BRAND	QUANTITY
Chemicals		
Ammonium molybdate	Merck/Fisher/Himedia	500 gm.x2
Ammonium Acetate	Merck/Fisher/Himedia	500 gm. x1
Ammonium Perporate	Merck/Fisher/Himedia	25gm.x1
Acetocarmine	Merck/Fisher/Himedia	125 ml.x2
Calcium Nitrate	Merck/Fisher/Himedia	500gm. x1
Chloroform	Merck/Fisher/Himedia	500ml.x6
DCM(Dichloro-methane)	Merck/Fisher/Himedia	2.5 LiterX2
Manganese II sulphate(Magnasul sulphate)	Merck/Fisher/Himedia	500 gm. x2
Mercury Chloride	Merck/Fisher/Himedia	100 gm. x1
Potassium Sulphate	Merck/Fisher/Himedia	500 gm. x1
Potassium Per Sulphate	Merck/Fisher/Himedia	500 gm. x1
Potassium Chromate	Merck/Fisher/Himedia	500 gm. x 1
Salt A china	Merck/Fisher/Himedia	500 ml. x 10
Trace metals Fresh Water Sediment Product no. - CRM016	Sigma	50 gm.x1
Sediment (Extractable Elements) BCR 701-1EA	Sigma	1 PC.
Buffer Capsule (pH4.0,7.0,9.2)	Merck/Fisher/Himedia	3 PC.
Czapek Doz Agar GM075	Himedia	500gm.x1
Malt Extract Agar Base M1913-500G	Himedia	500gm.x1
Potato dextrose Agar M096-500G	Himedia	500gm.x1
Potato dextrose broth SMH0965X100ml	Himedia	100ml.x1
Tetracycline CMS219-5G	Himedia	5g.x1
Selenium metal powder, A.R. GRM7472	Himedia	25 gm.x1
Mullar Hinton Agar	Merck/Fisher/Himedia	500 gm.x01
Methylene blue, Pure GRM956	Himedia	100 gm.x1
Triethanolamine	Merck	500 ml.m.x2
Antimony potassium tartrate trihydrate, A.R. GRM 1779	Merck/Fisher/Himedia	100 gm.x1
N,N-Dimethyl-p-phenylenediamine	Merck	25 gm.x1
di-Ammonium hydrogen phosphate, ACS GRM3886	Himedia	500 gm.x1
Hydrogen Peroxide 1.93407.0521	MERCK	500mlx10
Silver Sulphate	Thermo fisher	25 gm.x02
Silver Nitrate	Merck	100 gm. X1
Sulphuric acid	Merck	500 ml.x20



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Aluminum Oxide Neutral	Merck/Qualigens/Rankem	500gm.x5
Anhydrous Sodium Sulfate	Merck/Qualigens/Rankem	500gm.x2
Acetone	Merck/Qualigens/Rankem	2.5 Literx3
Methanol (HPLC)	Merck/Qualigens/Rankem	2.5 literx2
Potassium dichromate	Merck/Qualigens/Rankem	500 gm.x02
Ortho-phosphoric acid	Merck/Qualigens/Rankem	01 literx 3
Labolene	Fisher Scientific	5 Liter.x02
Gum Acacia	Merck/Fisher/Himedia	500gm.x1
Nitric Acid	Merck/Fisher/Himedia	500 ml.x10
Perchloric acid	Merck/Fisher/Himedia	500 ml.x2
Benzoic Acid Tablet	IKA	10 Tabletx2
IKA AQUA Pro C5003.1	IKA	02 packets
Macconkey broth	Merck/Fisher/Himedia	100gmx1
Brilliant blue bile broth	Merck/Fisher/Himedia	500gm.x1
Azide dextrose broth	Merck/Fisher/Himedia	500gm.x1
Bile Esculine Azide agar	Merck/Fisher/Himedia	500gmx1
Tritiated water (Tritium Water)/Tritium oxide	Merck/Fisher/Himedia	250 ml.x1
Bromocresol green indicator	Merck/Fisher/Himedia	125 ml.x1
Ammonium Chloride	Merck/Fisher/Himedia	500 gm. X1
Calcium Sulphate	Merck/Fisher/Himedia	500 gm. X3
Calcium Phosphate	Merck/Fisher/Himedia	500 gm. x3
Calcium Carbonate	Merck/Fisher/Himedia	500 gm. x3
DDT	Any Make	500 gm. X3
Potassium Iodide	Merck/Fisher/Himedia	500 gm. x3
Ferrous Ammonium Sulphate	Merck/Fisher/Himedia	500 gm. X5
Internal stander Mix (Product code SKU-861291)	Supelco	01 Pc.
Diphenyleamine	Merck/Fisher/Himedia	500 gm. x3
PAHS (Product code -47351)	Sigma	01 Pc.
Hydrochloric acid	Merck/Fisher/Himedia	500 ml.x20
Hexane	Merck/Fisher/Himedia	2.5 Literx 5



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SL.NO.	PARTICULARS	MAKE/BRAND	QUANTITY
Glasswares			
1	Hand operated Vacuum Pump	Tarsons	03Pc.
2	Spreader (glass) 1X20 NO.	Borosil/ Himedia	01 Pkt.
3	Capillary Tube	Standard Quality/Brand	05 Pc..
4	Glass Droper (Fine)	Standard Quality/Brand	02 Pkt.
5	Slide (Glass)	Standard Quality/Brand	05 Pkt.
6	Slide cover (Glass)	Standard Quality/Brand	05 Pkt.
7	Beaker (50 ml.)	Duran/Rivera	50 Pc.
8	Beaker (50 ml.)	Duran/Rivera	50 Pc.
9	Evaporating Dish (80x45 mm)	Duran/Rivera	25 Pc.
10	Volumatric Flask(100ml.)	Duran/Rivera	10 Pc.
11	Volumatric Flask (250ml.)	Duran/Rivera	10 Pc.
12	Volumatric Flask (500ml.)	Duran/Rivera	10 Pc.
13	Volumatric Flask (1000ml.)	Duran/Rivera	100 Pc.
14	Ice Box	Cello/Milton	2 Pc.
15	Autoclavable Bag	Himedia	02 Pkt.
16	Pasture Pipette	Tarsons	01 Pkt.
17	Wash Bottle	Tarsons	20 Pc.
18	Teflon Bomb	Standard Quality/Brand	10 Pc.
19	Parafilm	Tarsons	02 Pc.

SL.NO.	PARTICULARS	MAKE/BRAND	QUANTITY
Other Items			
1	Filter Paper 47 mm CAT No.1001 125	Whatman	05 Pkt.
2	Cellulose filter paper (20-25um) grad 1 48232000	Whatman	01 Pkt.
3	Cellulose filter paper (5 um)	Whatman	01 Pkt.
4	Tissue Roll	Standard Quality/Brand	100 pc.
5	Aluminium foil	Standard Quality/Brand	05 Kg.
6	Blotting Paper	Standard Quality/Brand	200 Pc.
7	Butter Paper	Standard Quality/Brand	200 Pc.
8	Mask (One Time Use)	Standard Quality/Brand	10 Pkt.
9	Rubber Band	Standard Quality/Brand	2kg.
10	Battery LR 44	Standard	50 Pc.



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		Quality/Brand	
11	Acid Proof Apron	Standard Quality/Brand	02 Pc.
13	Spirit Lamp	Standard Quality/Brand	02 Pc.
14	Rubber Ball	Standard Quality/Brand	05 Pc.
15	Tray (Plastic)	Standard Quality/Brand	10 Pkt.
16	Togs (Large,Medium,Small)	Standard Quality/Brand	15 Pc.
17	Goggles (Acid Proof)	Standard Quality/Brand	05 Pc.

Annexure ,D"

List of items required for "Physics Lab"

SL.NO.	PARTICULARS	MAE/BRAND	QUANTITY
1	Alumina Crucible with Lid 100 ml	Hitech Ceramics	10 nos
2	Alumina Crucible with Lid 50 ml	Hitech Ceramics	10 nos
3	Iron Nitrate Nano Hydrate	Merk	100 gm
4	Nitric Acid	Merk	100 ml
5	Citric Acid	Merk	500 gm
6	Ethylene Glycol	Merk	100 ml
7	Lanthanum Oxide	Merk	100 gm
8	Terbium Oxide	Merk	2 gm
9	Dysprosium Oxide	Merk	5 g
10	Ytterbium Oxide	Merk	10 gm
11	EDTA	Merk	100 gm
12	Magnese Oxide	Merk	100 gm
13	Ammonia Solution in methanol	Merk	100 gm
14	Petri Disk	BFC	10 nos
15	Aluminium Foil	Freshwrap Hindalco	3 nos
16	Butter Paper	Fairmart	2 pack
17	Measuring Flask	Witeg	2 pack
18	Gloves	Kashi Surgical	1 pack
19	Spatula	Hemobllo	13 pc set
20	Glass Pipette	Witeg	1 pcs
21	Fe (99.99%)	Alfa Aesar	25g
22	Co (99.99%)	Alfa Aesar	5g



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23	Mn (99%)	BFC	100g
24	Cr (99%)	Alfa Aesar	10g
25	Ti (99.4%)	Alfa Aesar	25g
26	Cu (99.9%)	Alfa Aesar	50g
27	Mg (99.8%)	Alfa Aesar	250g
28	Boron carbide (99%)	Merk	50G
29	Ruthenium dioxide (98%)	Merk	2G
30	IrO ₂ (98%)	Alfa Aesar	1G
31	Strontium peroxide (99.9%)	Merk	100gm
32	Al (99.7%)	Otto	100g
33	cadmium nitrate	merck	10g (99.997)
34	magnesium nitrate	merck	10g (99.999)
35	Magnesium oxide	alfa aesar	25g (99.95)
36	Manganese (iv) oxide	alfa aesar	5g (99.99)
37	cobalt oxide	alfa aesar	5g (99.995)
38	citric acid	merck	100g (99.5)
39	cobalt nitrate	merck	10g(99.999)
40	Quartz Tube Od 55mmxID50mm	Anil Scientific Corp.	1
41	Borosilicate Glass Seperating Funnel	Abgil	2
42	Alumina Ceramic Crucible Boat	IVELECT	5 nos
43	Silica Crucible 25ml	Generic	15 nos
44	Lanthanum strontium manganite (La _{0.8} Sr _{0.2} MnO ₃)	MERCK	10GM (≥99%)
45	Iron (III) oxide Fe ₂ O ₃	MERCK	25GM (97% trace metal basis)
46	Cobalt(II) Oxide CoO	MERCK	10GM (-325 mesh)
47	Mn(metal) powder	CDH PVT.Ltd.	250GM (≥99%)
48	Silicon(metal) powder	CDH PVT.Ltd.	500GM (≥99%)
49	Cobalt (metal) powder	SRL PVT.Ltd.	100GM (≥99.5%)
50	Barium Titanate (IV) BaTiO ₃	MERCK	25GM (≥99% trace metal basis)
51	Calcium Peroxide (CaO ₂)	MERCK	250GM (75%, - 200 mesh)
52	Lead (II)Titanate (PbTiO ₃)	Thermofisher Scientific	10GM
53	Zirconium(IV)Oxide	Thermofisher Scientific	25GM (≥99%)



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54	Gallium (III)Nitrate Hydrate($\text{Ga}(\text{NO}_3)_3 \cdot x\text{H}_2\text{O}$)	MERCK	5GM (99.9%, Trace metal)
55	Liquid Nitrogen	Bihar	300Lit
56	Ar Refill	Usha Air Product	2
57	CO2 Refill	Usha Air Product	2
58	Isobutane Refill	Usha Air Product	1
59	Freon R134A Refill	Usha Air Product	1
60	Niobium(V) Oxide (Nb_2O_5)	203920-50G	50g
61	Sodium carbonate(Na_2CO_3)	S7795-500G	500g
62	Ammonium oxalate monohydrate($(\text{NH}_4)_2\text{C}_2\text{O}_4 \cdot \text{H}_2\text{O}$)	221716-500G	500g
63	Citric acid	251275-500G	500g
64	Ethylene Glycol	324558-2L	2000ml
65	Ammonium hydroxide solution	221228-2.5L-A	2500ml
66	Nitric acid	438073-500ML	500ml
67	Protoporphyrin IX	Merck (P8293-1G)	1 gm
68	Vanadyl 2,3-naphthalocyanine	Merck (458724-1G)	1 gm
69	1,3,5-Benzenetricarbonyl trichloride	Merck (147532-25G)	25 gm
70	Triethyl 1,3,5-benzenetricarboxylate	Merck (444693-25G)	25 gm
71	Indium tin oxide coated glass slide	Merck (703192-10PAK)	10 PKG
72	Tris-(8-hydroxyquinoline)aluminum	Merck (444561-1G)	1 gm
73	Cesium carbonate	Merck (441902-5G)	5 gm
74	Cesium fluoride	Merck (289345-5G)	5 gm
75	Poly(3,4-ethylenedioxythiophene)-poly(styrenesulfonate) PEDOT:PSS	Merck(655201-5G)	5 gm
76	Protoporphyrin IX	Merck (P8293-1G)	1 gm
77	Vanadyl 2,3-naphthalocyanine	Merck (458724-1G)	1 gm
78	1,3,5-Benzenetricarbonyl trichloride	Merck (147532-25G)	25 gm
79	Triethyl 1,3,5-benzenetricarboxylate	Merck (444693-25G)	25 gm
80	Tris-(8-hydroxyquinoline)aluminum	Merck (444561-1G)	1 gm
81	Cesium carbonate	Merck (441902-5G)	5 gm
82	Cesium fluoride	Merck (289345-5G)	5 gm
83	Poly(3,4-ethylenedioxythiophene)-poly(styrenesulfonate) PEDOT:PSS	Merck(655201-5G)	5 gm
84	Grating 15000 lines/ inch	Kapur Scientific Ltd.	10
85	Acetone for Synthesis 99%	CDH(67-64-1)	2.5 litre



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86	Potassium Carbonate(Anhy) AR/ACS 99%	CDH(584-08-7)	500 GM
87	Lithium Carbonate AR HISURE	CDH(554-13-2)	250 GM
88	Antimony Trioxide AR	CDH(1309-64-4)	500 GM
89	Sodium Carbonate (Anhydrous) Pure 99.5%	CDH(497-19-8)	5 KG
90	Glutamine	CDH	25 GM
91	L-Histidine	CDH	25 GM
92	Isoleucine	CDH	25 GM
93	Proline	CDH	500 GM
94	Serine	CDH	500 GM
95	Amaranth Dye	CDH	100 GM
96	Benzo Fast Scarlet	CDH	25 GM
97	Carmoisine	CDH	25 GM
98	Tartrazine	CDH	25 GM
99	Indigo Carmine	CDH	25 GM
100	Fast Green	CDH	25 GM
101	Patent Blue	CDH	25 GM
102	Alura Red	CDH	100 GM
103	Aluminium Chloride Anhydrous	CDH	500 gm
104	Barium Chloride Dihydrate AR/ACS	CDH	500 gm
105	Cadmium Chloride Anhydrous Dried	CDH	500 gm
106	Cerium (III) Chloride 99.9%	CDH	25 gm
107	Cesium Chloride AR	CDH	100 gm
108	Cobalt Chloride Hexahydrate	CDH	100 gm
109	Copper (II) Chloride Anhydrous AR	CDH	500 gm
110	Ferric Chloride Anhydrous 97.0%	CDH	1kg
111	Lead (II) Chloride Anhydrous	CDH	500gm
112	Lithium Chloride Anhydrous 99.0%	CDH	250 gm
113	Magnesium Chloride Hexahydrate	CDH	500 gm
114	Manganese (II) Chloride 99.0%	CDH	500 gm
115	Mercuric Chloride 99.0%	CDH	25 gm
116	Neodymium (III) Chloride 99.9%	CDH	50 gm
117	Nickel (II) Chloride (Hexahydrate)	CDH	500 gm
118	Phosphorous Trichloride 99.0%	CDH	500 ml
119	Phosphorous Pentachloride 98.0%	CDH	500 gm
120	Potassium Chloride Purified 99.0%	CDH	500 gm
121	Silver Chloride 99.0%	CDH	25GM
122	Sodium Chloride Cryst. Pure 99.5%	CDH	500 gm
123	Stannic Chloride Pentahydrate 97.5%	CDH	500 gm
124	Stannic Oxide AR 99.5%	CDH	250 gm
125	Strontium Chloride Purified 98.0-101.0%	CDH	500 gm
126	Sulphur Monochloride 98.0%	CDH	500 ml
127	Titanium (IV) Chloride for Synthesis	CDH	500 ml



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128	Zinc Chloride (Dry) AR/ACS 98.0%	CDH	500 gm
129	Zirconium Oxychloride AR Octahydrate 99.5%	CDH	100 gm
130	Bismuth Trichloride	CDH	100 gm
131	Calcium Chloride Dihydrate Pure	CDH	500 gm
132	Cobalt Oxide Black (II & III)	CDH	100 gm
133	Indium Nitrate 99.9%	CDH	10 gm
134	Indium Oxide 99.5%	CDH	10 gm
135	Cobalt (Ous) Nitrate Hexahydrate	CDH	500 gm
136	MANGANESE(IV) OXIDE	Merk	1 kg

Annexure „E”

List of items required for “Chemistry Lab”

S.N	Product	Make	Grade	Product Code/SAP Code	PACK SIZE	Qty
1	Ortho phosphoric acid	SRL	LR Grade	36678	20ltr	1
2	1-Butanol	Loba	LR Grade	00054	500ml	4
3	Toluene	SRL	LR Grade	47556	25ltr	1
4	Potassium Iodide	SRL	LR Grade	78240	500GM	2
5	Ammonium Chloride	SRL	LR Grade	25103	5KG	1
6	Sodium Thiosulfate	SRL	LR Grade	52304	500GM	2
7	Tissue Roll	Kimberley	LR Grade		Roll	30
8	Filter Paper	Standard Quality/Brand	LR Grade			2
9	Battery LR 44	Standard Quality/Brand	LR Grade			100
10	Butter Paper	Standard Quality/Brand	LR Grade		Each	25
11	Buffer Tablet 4	Merck	LR Grade		10tabs	1
12	Buffer Tablet 7	Merck	LR Grade		10tabs	1
13	Buffer Tablet 10	Merck	LR Grade		10tabs	1
14	Glass Pipette	Standard Quality/Brand	LR Grade		PKT 10 ml	1
15	Magnetic Stirrer Bead	Standard Quality/Brand	LR Grade	small	PKT	4



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16	Spatula 7.5 inch	Standard Quality/Br and	LR Grade		PKT	2
17	Spatula 9 inch	Standard Quality/Br and	LR Grade		PKT	2
18	Forceps	Standard Quality/Br and	LR Grade		PKT	2
19	Potassium Bromide IR Grade	Sigma	LR Grade	221864-100G	100GM	1
20	Cesium Iodide IR Grade 99.999% trace metals basis	Sigma	LR Grade	203033-10G	10 GM	1
21	Ammonia Solution	SRL	LR Grade	78719	25ltr	1
22	Ferrous Ammonium sulfate	SRL	LR Grade	89944	500GM	1
23	Ferric Chloride	SRL	LR Grade	72287	5KG	1
24	Cobalt Chloride	SRL	LR Grade	99412	500GM	1
25	Silver Nitrate	SRL	LR Grade	1.93600.0121	100GM	1
26	Cobalt Nitrate	SRL	LR Grade	14941	500GM	1
27	Folic Acid	SRL	LR Grade	43164	100GM	1
28	Potassium Chromate	SRL	LR Grade	84390	500GM	1
29	Urinye acetate	SRL	LR Grade	81405	5GM	1
30	Benzene	SRL	LR Grade	99515	25ltr	1
31	Diethyl ether	Merck	LR Grade	1.00923.0521	500ml	2
32	Acetic Acid	Avantor	LR Grade		25ltr	1
33	IPA	Avantor	LR Grade		25ltr	1
34	Benzyl Chloride	Loba	LR Grade	00048	500ml	1
35	Methyl ethyl ketone	Loba	LR Grade	00144	2.5ltr	1
36	Acetonitrile HPLC Grade	Himedia	HPLC	AS028	2.5 Ltr	1
37	Chloroform HPLC Grade	Himedia	HPLC	AS114	2.5 Ltr	1
38	Methanol HPLC Grade	Himedia	HPLC	900688-1L	AS061	1
39	Carbon Tetra Chloride	Loba	UHPLC	00069	2.5ltr	1
40	DCM HPLC Grade	Himedia	HPLC	AS115	2.5ltr	1
41	Water HPLC Grade	Himedia	HPLC	AS077	5 ltr	1
42	Ethyl Acetate HPLC Grade	Himedia	HPLC	AS130	2.5 ltr	1
43	IPA HPLC Grade	Himedia	HPLC	AS122	2.5ltr	1
44	Formic Acid	Loba	HPLC	00151	500ml	1
45	Ethyl Acetoacetate	Merck	LR Grade		500ml	1



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46	8-Hydroxyquinoline	SRL	LR Grade	91113	500GM	1
47	HCl	Merck	LR Grade	1.93401.5021	5ltr	2
48	Nitric Acid	Merck	LR Grade	1.93406.2521	2.5ltr	2
49	Sulfuric Acid	Merck	LR Grade	1.93400.5021	5ltr	2
50	Perchloric Acid	Merck	LR Grade	1.93005.2521	2.5ltr	1
51	Telluric Acid	Sigma	LR Grade	308463-100G	100GM	1
52	Hydrofluoric Acid	Merck	LR Grade		500ml	1
53	Ammonium Sulfate	SRL	LR Grade	88064	5KG	1
54	Glycerine	Merck	LR Grade	1.94501.0521	500ml	1
55	Celite 545	SRL	LR Grade	82523	500GM	1
56	Aluminium Foil	Himedia	LR Grade		Roll	2
57	ALLYL ALCOHOL(2-Propen-1-ol) >98% puriss for synthesis	Spectrochem	LR Grade	107186	500 ml	1
58	N-METHYL MORPHOLINE-N-OXIDE 50 % aq. soln. puriss for synthesis [7529-22-8]	Spectrochem	LR Grade	7529228	500 gm	1
59	Allylbenzene	Avra	LR Grade	300572	25 gm	1
60	ALLYL CHLORIDE (3-CHLORO-1-PROPENE) >99% puriss for synthesis	Spectrochem	LR Grade	107051	500 ml	1
61	ALLYL BROMIDE (3-BROMOPROPENE) >98% puriss for synthesis	Spectrochem	LR Grade	106956	100 ml	1
62	METHYLEUGENOL >99% puriss for synthesis	Spectrochem	LR Grade	93152	100 ml	1
63	Phenylglyoxylic acid	Sigma	LR Grade	611734	5 gm	1
64	PYRUVIC ACID (2-Oxopropanoic Acid) >98% puriss for synthesis	Spectrochem	LR Grade	127173	100 ml	1
65	3-Aminopyridine	Spectrochem	LR Grade	462088	25 gm	1
66	2-AMINOPYRIDINE >98% puriss for Synthesis	Spectrochem	LR Grade	504290	100 gm	1
67	2-Amino-6-methylpyridine	Sigma	LR Grade	1824813	100 gm	1
68	4-Amino-3-iodobenzonitrile	Sigma	LR Grade	33348344	1 gm	1
69	TRIFLUOROMETHANES ULPHONIC ACID >98% (T)	Spectrochem	LR Grade	1493136	100 gm	1
70	Benzyl acrylate	Sigma	LR Grade	2495354	10 gm	1
71	ETHYL ACRYLATE (stab.) >99% puriss for synthesis [140-88-5]	Spectrochem	LR Grade	140885	100 ml	1



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72	TEMPO FREE RADICAL (2,2,6,6-Tetramethyl-1-piperidinyloxy, free radical) > 98% puriss for synthesis	Spectro chem	LR Grade	2564832	25 gm	1
73	Succinimide	Sigma	LR Grade	123568	500 gm	1
74	ETHYL BROMOACETATE~96%	Spectro chem	LR Grade	105362	100 gm	1
75	PROPARGYL ALCOHOL(2-PROPYNE-1-OL) >99%	Spectro chem	LR Grade	107197	250 ml	1
76	PROPARGYLAMINE > 98% puriss for synthesis [2450-71-7]	Spectro chem	LR Grade	2450717	1 gm	1
77	3-Phenyl-2-propyn-1-ol	Sigma	LR Grade	1504581	5 gm	1
78	TRIFLUOROMETHANES ULPHONIC ACID >98% (T)	Spectro chem	LR Grade	1493136	100 gm	1
79	TLC plates for organic reactions	Merck	LR Grade			2
80	Diethyl ether AR "DRY SOLVENT"	Finar	LR Grade	20581LM500	500 mL	2
81	Diethyl ether extrapure	Finar	LR Grade	10580LC250	2.5 Lit	2
82	N,N-Dimethyl formamide AR "DRY SOLVENT"	Finar	LR Grade	20599LM500	500 mL	2
83	Acetonitrile AR "DRY SOLVENT"	Finar	LR Grade	20031LM500	500 mL	2
84	Toluene AR "DRY SOLVENT" (moisture 0.0075%)	Finar	LR Grade	21861LM500	500 mL	2
85	Methanol anhydrous AR "DRY SOLVENT"	Finar	LR Grade	20940LM500	500 mL	2
86	Chloroform AR "DRY SOLVENT"	Finar	LR Grade	20471LM500	500 mL	2
87	1,2-Dichloroethane AR/ACS	Finar	LR Grade	70540LM500	500 mL	2
88	Acetone AR "DRY SOLVENT"	Finar	LR Grade	20021LM500	500 mL	2
89	Dichloromethane AR "DRY SOLVENT"	Finar	LR Grade	20551LM500	500 mL	2
90	Ethyl acetate AR "DRY SOLVENT"	Finar	LR Grade	20679LM500	500 mL	2
91	Dimethyl sulphoxide AR "DRY SOLVENT"	Finar	LR Grade	20621LM500	500 mL	2
92	1,4-Dioxan (stabilized) AR "DRY SOLVENT"	Finar	LR Grade	20631LM500	500 mL	1
93	Benzene AR	Finar	LR Grade	20270LM500	500 mL	2
94	Silica gel for column chromatography 60-120 mesh	Finar	LR Grade	11446SG500	25 kG	1



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95	Silica gel for column chromatography 230-400 mesh	Finar	LR Grade	11447SG500	25 kg	1
96	Ethelene glycol	Finar	LR Grade	10665LLM500	25 lit	1
97	Dichloromethane extrapure	Finar	LR Grade	10550LL025	25 Lit	1
98	Acetone extrapure	Finar	LR Grade	10020LL025	25 Lit	1
99	Methanol extrapure (acetone free)	Finar	LR Grade	10930LL025	25 Lit	1
100	Hexane (fraction from petroleum) extrapure	Finar	LR Grade	10740LM500	25 Lit	1
101	Propan-2-ol extrapure	Finar	LR Grade	11390LC250	2. 5 Lit	1
102	Ammonia solution 0.91d extrapure (about 25%)	Finar	LR Grade	10070LC250	2.5 Lit	1
103	t-Butanol	Finar	LR Grade	20335LM500	2.5 Lit	1
104	Tetrahydrofuran AR "DRY SOLVENT"	Finar	Dry	21821LM500	500ml	2
105	Diethylamine extrapure	Finar	LR Grade	10575LC250	2.5L	1
106	Xylene AR	Finar	LR Grade	21940LC250	2.5L	1
107	Chloroform	Finar	LR Grade	30470LC250	2.5L	1
108	Chlorobenzene	Finar	LR Grade	170465LM500	500ml	1
109	Acetonitrile HPLC spectroscopy	Finar	HPLC	30030LC250	2.5L	1
110	Methanol HPLC grade	Finar	HPLC	30930LC250	2.5L	1
111	Ethanol (Salt A China)	Sigma	LR Grade		500 ml	3
112	Chloro salicylaldehyde	Sigma	Ar Grade		5 gm	1
113	Bromo salicylaldehyde	Sigma	Ar Grade		100 gm	1
114	o-phenylenediamine	Himedia	Ar Grade	GRM7370	250 gm	1
115	4,5- diaminophthalonitrile	Himedia	Ar Grade		500 gm	1
116	MnCl ₂	Himedia	Ar Grade	GRM686	500 gm	1
117	FeCl ₂ . anhydrous	Himedia	Ar Grade	GRM6353	500 gm	1
118	ZnCl ₂	Himedia	Ar Grade	GRM7628	500 gm	1
119	NiCl ₂ .6H ₂ O	Himedia	Ar Grade	GRM760	500gm	1
120	CuCl ₂	Himedia	Ar Grade	GRM1307	500 gm	1
121	VO ₂ SO ₄	Himedia	Ar Grade	RM3817	100 gm	1
122	AlCl ₃	Himedia	Ar Grade		25 gm	1
123	Polyvinyl alcohol	Himedia	Ar Grade	GRM6170	500 gm	1
124	Mangnese II acetate .4H ₂ O	Himedia	Ar Grade	GRM250	250 gm	1
125	1, 10 Phenanthroline	Himedia	Ar Grade		500 gm	1
126	2,2 Bipiridine	Himedia	Ar Grade	GRM791	25 gm	1



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127	Polyethelene Glycol 400	Himedia	Ar Grade	GRM400	500 ml	1
128	Thioglycolic Acid	Himedia	Ar Grade	GRM6170	500 ml	1
129	Silica Gel for TLC	Himedia	Ar Grade	GRM7480	500 gm	1
130	Nickel Sulphate	Himedia	Ar Grade	GRM6387	500 gm	1
131	Beaker	Borosil/ Duran		1000005	10 ml	5
132	Reagent bottle	Borosil/ Duran		1501009	25 nml	3
133	Volumetric flask	Borosil/ Duran		5643006	10 ml	5



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Annexure „F‘

List of items required for “Teacher Education”

SL.NO.	PARTICULARS	MAKE/BRAND	QUANTITY
Chemicals			
1	Acetic Acid	Standard Quality/Brand	10 litre
2	Acetone	Standard Quality/Brand	10 litre
3	Baking Soda	Standard Quality/Brand	5 kg
4	Barium Chloride	Standard Quality/Brand	5 kg
5	Benzene	Standard Quality/Brand	10 litre
6	Caustic Soda	Standard Quality/Brand	5 kg
7	Copper Powder	Standard Quality/Brand	5 kg
8	Copper Sulphate	Standard Quality/Brand	5 kg
9	Copper Turnings	Standard Quality/Brand	5 kg
10	Ferrous Sulphate Crystals	Standard Quality/Brand	5 kg
11	HCL dilute	Standard Quality/Brand	10 litre
12	Iodine solution	Standard Quality/Brand	10 litre
13	Iron fillings	Standard Quality/Brand	5 kg
14	Lead Nitrate	Standard Quality/Brand	5 kg
15	Magnesium Ribbon	Standard Quality/Brand	10 rolls
16	Milk of Magnesia	Standard Quality/Brand	5 kg
17	Nitric acid	Standard Quality/Brand	10 litre
18	Phenolphthalein indicator	Standard Quality/Brand	10 litre
19	Potassium Hydroxide	Standard Quality/Brand	5 kg
20	Quick Lime (Calcium Oxide)	Standard Quality/Brand	5 kg
21	Sodium Carbonate	Standard Quality/Brand	5 kg
22	Sodium Sulphate	Standard Quality/Brand	5 kg



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23	Sulphur Powder	Standard Quality/Brand	5 kg
24	Sulphuric Acid Dilute	Standard Quality/Brand	10 litre
25	Zinc Granules	Standard Quality/Brand	5 kg

SL.NO.	PARTICULARS	MAKE/BRAND	QUANTITY
Materials and Equipments			
1	Ammeter	Standard Quality/Brand	10
2	Anemometer	Standard Quality/Brand	5
3	Ball and Ring Apparatus	Standard Quality/Brand	5
4	Basic Botany Prepared Slide Set	Standard Quality/Brand	1
5	Basic Zoology Prepared Slide set	Standard Quality/Brand	1
6	Beaker (Plastic) 100ml	Standard Quality/Brand	5
7	Beaker (Plastic) 50ml	Standard Quality/Brand	5
8	Beaker Brush	Standard Quality/Brand	10
9	Beaker tong	Standard Quality/Brand	4
10	Bell jar with stopper	Standard Quality/Brand	5
11	Blow Pipe	Standard Quality/Brand	20
12	Burette Stand with Double Clamp	Standard Quality/Brand	5
13	Carbon Graphite Rod	Standard Quality/Brand	5
14	Cavity Plates (12 Holes)	Standard Quality/Brand	10
15	Centre of Gravity Apparatus	Standard Quality/Brand	5
16	China Dish (4")	Standard Quality/Brand	10
17	Circuit board assembly with torch bulbs (1.5v)	Standard Quality/Brand	1
18	Circuit of Electric Bell	Standard Quality/Brand	2
19	Clinical Thermometer	Standard Quality/Brand	5
20	Clinical Thermometer (30 cm)	Standard Quality/Brand	5
21	Concave Lens	Standard Quality/Brand	20



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22	Concave Mirror (Vacuum Type)	Standard Quality/Brand	20
23	Conical flask (250ml)	Standard Quality/Brand	10
24	Convex Lens	Standard Quality/Brand	20
25	Convex Mirror (Vacuum Type)	Standard Quality/Brand	20
26	Copper Wire	Standard Quality/Brand	5
27	Cork (Cork, natural dark, tapered glass stoppers.)	Standard Quality/Brand	50
28	Crocodile Clips	Standard Quality/Brand	20
29	Daniel Cell	Standard Quality/Brand	2
30	Digital Hygrometer with Temperature	Standard Quality/Brand	1
31	Disposable Syringes with needles	Standard Quality/Brand	50
32	Distilling Flasks (100ml)	Standard Quality/Brand	10
33	Distilling Flasks (250ml)	Standard Quality/Brand	10
34	Distilling Flasks (500ml)	Standard Quality/Brand	10
35	Ebonite Rod	Standard Quality/Brand	5
36	Electric Balance (0-01- 600 gm)	Standard Quality/Brand	1
37	Electric Circuits	Standard Quality/Brand	5
38	Electronic Stopwatch	Standard Quality/Brand	10
39	Evaporating Basin (500ml)	Standard Quality/Brand	10
40	Ferrite Magnet	Standard Quality/Brand	20
41	Filter Funnels (Borosil)	Standard Quality/Brand	20
42	Filter Funnels (Plastic)	Standard Quality/Brand	20
43	Flask tong	Standard Quality/Brand	20
44	Flat Bottom Flask (100ml)	Standard Quality/Brand	10
45	Flat Bottom Flask (250ml)	Standard Quality/Brand	10
46	Flat Bottom Flask (500ml)	Standard Quality/Brand	10
47	Forceps	Standard Quality/Brand	10
48	Funnel Stand (Wooden)	Standard Quality/Brand	20



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49	G- Clamp	Standard Quality/Brand	10
50	Galvanometer	Standard Quality/Brand	5
51	Ganong's Light screen	Standard Quality/Brand	5
52	Ganong's Potometer	Standard Quality/Brand	5
53	Gas Jar/ Gas Tumbler	Standard Quality/Brand	5
54	General Purpose Scissors	Standard Quality/Brand	5
55	Glass Block (Rectangular)	Standard Quality/Brand	20
56	Glass Dropper (With rubber teat)	Standard Quality/Brand	20
57	Glass Plates	Standard Quality/Brand	20
58	Glass Rod	Standard Quality/Brand	20
59	Gyroscope	Standard Quality/Brand	2
60	Hand Lens (100mm)	Standard Quality/Brand	10
61	Herbarium Press	Standard Quality/Brand	3
62	Hydrometer	Standard Quality/Brand	5
63	Ignition tube	Standard Quality/Brand	50
64	Laboratory Spatula	Standard Quality/Brand	30
65	Lactometers (In a Plastic Container)	Standard Quality/Brand	10
66	LED (Light emitting diode) 5mm	Standard Quality/Brand	100
67	Lens Cleaning Tissue	Standard Quality/Brand	5
68	Litmus Paper	Standard Quality/Brand	100
69	Magnet Horse Shoe	Standard Quality/Brand	10
70	Maximum Minimum Thermometers	Standard Quality/Brand	5
71	Measuring cylinder (100ml)	Standard Quality/Brand	5
72	Measuring cylinder (10ml)	Standard Quality/Brand	5
73	Measuring cylinder (25ml)	Standard Quality/Brand	5
74	Measuring cylinder (50ml)	Standard Quality/Brand	5
75	Meiosis Prepared Slides	Standard Quality/Brand	1



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76	Meter Ruler	Standard Quality/Brand	5
77	Microscope Slides	Standard Quality/Brand	20
78	Mitosis Prepared Slides	Standard Quality/Brand	1
79	Navigation Compass	Standard Quality/Brand	10
80	Newton Disc with seven colours	Standard Quality/Brand	5
81	Pendulum Bobs (18mm)	Standard Quality/Brand	1
82	Periscope (Wooden)	Standard Quality/Brand	5
83	pH Indicator Paper	Standard Quality/Brand	100
84	Pin Entomological	Standard Quality/Brand	2
85	Pipette (5ml)	Standard Quality/Brand	10
86	Pipettes (10ml)	Standard Quality/Brand	10
87	Plane Mirror	Standard Quality/Brand	10
88	Polyester cloth (150x150 mm)	Standard Quality/Brand	5
89	Prism	Standard Quality/Brand	20
90	Pulleys Aluminium	Standard Quality/Brand	10
91	Pulleys with frame	Standard Quality/Brand	5
92	Rain Gauge with Plastic Measuring Cylinder	Standard Quality/Brand	1
93	Reagent Bottles (250 ml)	Standard Quality/Brand	50
94	Respiroscope	Standard Quality/Brand	5
95	Rheostat (Continuous Constantine Type)	Standard Quality/Brand	5
96	Rheostat (Nichrome Type)	Standard Quality/Brand	5
97	Rubber Corks (With Two Holes) (Different stand sizes) (These corks are specifically designed for test tubes, 24 mm boiling tubes & 250 ml flask.)	Standard Quality/Brand	50
98	Semi Circular Block Glass	Standard Quality/Brand	5
99	Separating Funnel (500 ml)	Standard Quality/Brand	5
100	Slinky	Standard Quality/Brand	5



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101	Small organisms Prepared Slides	Standard Quality/Brand	1
102	Sphygmomanometer	Standard Quality/Brand	5
103	Spring Balance (Tubular Transparent)	Standard Quality/Brand	5
104	Stirring Rod Glass	Standard Quality/Brand	50
105	Sun dial	Standard Quality/Brand	5
106	Test Tube Brush	Standard Quality/Brand	10
107	Test Tube Holder	Standard Quality/Brand	20
108	Test Tube Stand	Standard Quality/Brand	20
109	Test Tubes Borosilicate (8ml)	Standard Quality/Brand	1000
110	Thermometer	Standard Quality/Brand	5
111	Titration flask (100ml)	Standard Quality/Brand	10
112	Titration flask (250ml)	Standard Quality/Brand	10
113	Titration flask (500ml)	Standard Quality/Brand	10
114	Tong	Standard Quality/Brand	10
115	Tripod stand	Standard Quality/Brand	20
116	Tubing (Material: polypropylene Tubing connector)	Standard Quality/Brand	100
117	Tweezer	Standard Quality/Brand	20
118	Vernier Caliper	Standard Quality/Brand	5
119	Voltmeter Dual Range	Standard Quality/Brand	10
120	Watch Glass (Watch glass, 15 cm dia. in number)	Standard Quality/Brand	100
121	Water Bath	Standard Quality/Brand	1
122	Whatman Filter Paper	Standard Quality/Brand	5
123	Whole insect slides	Standard Quality/Brand	1
124	Wire Gauze	Standard Quality/Brand	50
125	Woolen cloth (150x150 mm)	Standard Quality/Brand	5



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SL.NO.	PARTICULARS	MAKE/BRAND	QUANTITY
Charts			
1	Anatomy of leaf chart	Standard Quality/Brand	4
2	Animal Cell Chart	Standard Quality/Brand	4
3	Bacterial cell chart	Standard Quality/Brand	4
4	Carbon cycle chart	Standard Quality/Brand	4
5	Deficiency Chart	Standard Quality/Brand	4
6	HIV Chart	Standard Quality/Brand	4
7	Human Blood circulatory system chart	Standard Quality/Brand	4
8	Human Body Chart	Standard Quality/Brand	4
9	Human Digestive system charts	Standard Quality/Brand	4
10	Human Excretory system chart	Standard Quality/Brand	4
11	Human Heart chart	Standard Quality/Brand	4
12	Human Nervous system chart	Standard Quality/Brand	4
13	Human Reproductive system charts (Female)	Standard Quality/Brand	4
14	Human Reproductive system charts (Male)	Standard Quality/Brand	4
15	Human Respiratory system chart	Standard Quality/Brand	4
16	Monarch Butterfly Life Cycle Chart	Standard Quality/Brand	4
17	Nitrogen cycle chart	Standard Quality/Brand	4
18	Periodic Table Chart	Standard Quality/Brand	4
19	Phosphorus cycle chart	Standard Quality/Brand	4
20	Plant Cell chart	Standard Quality/Brand	4
21	Science Laboratory Technique Chart	Standard Quality/Brand	4
22	Sulphur cycle chart	Standard Quality/Brand	4
23	Water cycle chart	Standard Quality/Brand	4



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SL.NO.	PARTICULARS	MAKE/BRAND	QUANTITY
Models			
1	Animal Meiosis Model	Standard Quality/Brand	1
2	Animal Mitosis Model	Standard Quality/Brand	1
3	Atomic Model (120 balls)	Standard Quality/Brand	1
4	Dicot Root T. S. Model	Standard Quality/Brand	1
5	DNA structure Model	Standard Quality/Brand	1
6	Dynamo (AC/DC)- Motor working model	Standard Quality/Brand	1
7	Ear Model	Standard Quality/Brand	1
8	Electric Motor Model Workable	Standard Quality/Brand	1
9	Endocrine System Model	Standard Quality/Brand	1
10	Eye Model	Standard Quality/Brand	1
11	Germination Model	Standard Quality/Brand	1
12	Human Brain Model	Standard Quality/Brand	1
13	Human Kidney Model	Standard Quality/Brand	1
14	Human Liver Model	Standard Quality/Brand	1
15	Human Lungs Model	Standard Quality/Brand	1
16	Human Respiratory System Model	Standard Quality/Brand	1
17	Human Skeleton Model with Stand	Standard Quality/Brand	1
18	Human Skin Model	Standard Quality/Brand	1
19	Human Skull Model	Standard Quality/Brand	1
20	Human Teeth Model	Standard Quality/Brand	1
21	Human Torso Model (Life Size)	Standard Quality/Brand	1
22	Molecular Model	Standard Quality/Brand	1
23	RNA Model	Standard Quality/Brand	1
24	Solar system Model	Standard Quality/Brand	1
25	Typical Flower L.S. Model	Standard Quality/Brand	1



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CERTIFICATE

(to be provided on letter head of the firm)

I hereby certify that the above firm has not been ever blacklisted by any Central/State Government/Public Undertaking/Institute on any account.

I also certify that the above information is true and correct in all respect and in any case at a later date, if it is found that any details provided above are incorrect, then the contract given to the above firm may be summarily terminated and the firm may be blacklisted.

Date:

Place:

Authorized Signatory

Name:

Seal

Designation:

Contact No.:



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AFFIDAVIT

1. I/We the undersigned do hereby certify that all the statements made in the required attachments are true and correct.

2. The undersigned also hereby certifies that neither our firm M/s _____ have abandoned any work/supply nor any contract awarded to us for such works/supplies have been rescinded, during last three years prior to the date of this bid.

3. The undersigned hereby authorize and request any bank, person, firm or Corporation to furnish pertinent information deemed necessary as requested by the Central University of South Bihar, to verify this statement or regarding my (our) competence and general reputation.

4. The undersigned understands and agrees that further qualifying information may be requested, and agrees to furnish any such information at the request of the Central University of South Bihar.

(Signed by an Authorized Officer of the Firm)

Title of Officer

Name of Firm

Date:



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Bill of Quantities

for

Supply of “**Laboratory Chemicals & Consumables**” at Central University of
South Bihar

Financial Bid

Note :

1. This is to be kept in **Envelope “C”** sealed and it should be written on envelop that Supply of “**Laboratory Chemicals & Consumables**” at Central University of South Bihar”.
2. **Department wise (for Annexure „A” „B” „C” „D” „E’ & „F”) price bid should be submitted.**
3. University has DSIR Certificate hence GST rate shall be 5% and requisite certificate(s) shall be provided accordingly against Proforma Invoice, if once Purchase Order issues in this regard.



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FINANCIAL BID PROFORMA

(It should be submitted in a separate sealed envelope)

Tender Notice No.: CUSB/PSD/Chemicals/T/01/2022-23, Date: 22/04/2022

Subject: Supply of “Laboratory Chemicals & Consumables”.

Name of Department: Biotechnology (Annexure „A”)

Name of the Bidder: _____

SL.NO.	PARTICULARS	MAE/BRAND	Cat. No.	Quantity	Unit Cost (INR)	Total Amount (INR)
1	Fetal Bovine Serum	HIMEDIA	RM9955-500ML	03 Pc.		
2	TEMED	Sigma	100ml	02 Pc.		
3	DCFDA	Sigma	248614	01 Pc.		
4	L-GLUTAMINE	HIMEDIA		01 Pc.		
5	RPMI 1640	Himedia	AL162A-500ML	500mlx1		
6	Sephadex® G-50	Merck	G50150-50G	50gx1		
7	HS Media	Himedia	M245	500gx1		
8	Thermo Scientific™ Oxoid™ Blank Antimicrobial Susceptibility discs	Fisher Scientific	CT0998B	2 pack		
9	Gel Puncher 4MM	Fisher Scientific	10208324	25 pieces		
10	Cell Spreader, 90°, Glass	Fisher Scientific	CLS135002	20 pieces		
11	RNA extraction kit	Himedia	HTBM012-10PR	2 Kit		
12	cDna Kit	Himedia	MBT076-100R	2 Kit		
13	Prapanoic acid	Himedia	GRM3658-500ML	500mlx1		
14	Ortho-phosphoric acid	Himedia	AS010-500ML	500mlx1		
15	Potassium chloride	Himedia	PCT0012-500G	500Gx1		
16	Dextrose	Himedia	PCT0612-500G	500Gx10		
17	Agar	Himedia	GRM666-500G	500Gx2		
18	Agarose	Himedia	MV094-	500Gx1		



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			500G			
19	Mineral oil	Himedia	DC600-500ML	500ML x1		
20	Nitroblue tetrazolium NBT	Himedia	TC475-250MG	250x2		
21	Hydrogen peroxide solution (H ₂ O ₂)	Sigma	88597-100ML-F	100MLx2		
22	Murashige and Skoog media without Sucrose	Himedia	PT018-2.5L	5Pc.		
23	Methyl Jasmonate	Sigma	392707	25mlx1		
24	Paraquat	Sigma	P61435	2mlx2		
25	Glutathione-Agarose beads	Sigma	G4510	5mlx1		
26	Ammonium Acetate	Himedia	GRM-295	500gx1		
27	Acetic Acid	Himedia	AS-119-2.5L	2.5Lx1		
28	Acetone	Himedia	MB179-2.5L	2.5Lx1		
29	Acrylamide	Himedia	MB068-500G	500gx1		
30	Bardford Reagent	Himedia	ML106-100ML	100mlx1		
31	Butanol	Himedia	MB055-500ML	500mlx1		
32	Chloroform	Himedia	ASO40-2.5L	2.5Lx1		
33	Calcium Chloride	Himedia	GRM710-500G	500gx1		
34	EDTA Dipotassium Salt	Merck	E5134-100G	100gx1		
35	Labolene	Qualigen	Q42218	5LX1		
36	Ferric Chloride	Himedia	GRM1178-500G	500gx1		
37	Formaldehyde	Qualigen	Q12755Q	500mlx1		
38	Potassium Di Chromate	Himedia	GRM625-500G	500gx1		
39	Giemsa Solution	Himedia	TCL083-1X100ML	100mlx1		
40	Lipopolysacchride from E Coli	Sigma	L2630-10MG	10mgx1		
41	Hydrochloric Acid	Himedia	AS003-2.5L	2.5Lx1		
44	Hi sep LSM	Himedia	LS001-100ML	100mlx1		
43	Methanol	Himedia	AS061-2.5L	2.5Lx1		
44	Ninhydrin	Himedia	GRM248-10G	10gx1		
45	Propanol	Himedia	AS068-2.5L	2.5Lx1		
46	Sodium Chloride	Himedia		250gx1		
47	Sodium Hydroxide	Himedia	MB095-500G	500gx1		
48	Acetocarmine	Himedia	PCT1304-100ML	100mlx1		



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49	Glycogen	Himedia	RM379-5G	5gx1		
50	Potassium Dihydrogen Orthophosphate	Himedia	GRM1188-500G	500gx1		
51	Disodium Hydrogen Orthophosphate	Himedia	GRM1417-500G	500gx1		
52	Ampicillin	Sigma	A9518	5g		
53	Chloramphenicol	Sigma	C0378	5g		
54	Congo red	Sigma	C6277	25g		
55	Furazolidone	Sigma	F9505	10g		
56	Gentamycin	Sigma	G1264	250mg		
57	Lysostaphin, recombinant	Sigma	L9043	5mg		
58	Neomycin	Sigma	N1876	25g		
59	Nalidixic acid	Sigma	N8878	5g		
60	Proteinase K	Sigma	P2308	100mg		
61	Sodium azide	Sigma	S8032	25g		
62	N,N,N,N' Tetramethyl-p-phenylene diamine dihydrochloride	Sigma	T3134	5g		
63	Trimethoprim	Sigma	T7883	5g		
64	Polymyxin B sulphate	Sigma	P0972	1MU		
65	Streptomycin	Sigma	S6501	5g		
66	Sulfamethoxazole	Sigma	S7507	10g		
67	Ciprofloxacin	Sigma	17850	5g		
68	Bottle Mannitol Salt Agar	Difco-BBL	211407	500g		
69	Bottle Brain Heart Infusion Broth, modified	Difco-BBL	299070	500g		
70	Burette 50ml Glass	Standard Quality/Brand		10pcs		
71	Burette 100ml Glass	Standard Quality/Brand		5pcs		
72	Beurette Stand	Standard Quality/Brand		10pcs		
73	Aluminium Foil	Standard Quality/Brand		10 (1pc/pk)		
74	Brushes Wash (Different Size)	Standard Quality/Brand		10 (1pc/pk)		
75	Cotton , non Absorbent	Standard Quality/Brand		20 (1pc/pk)		
76	Cryo Box 96 places , 1.8ml capacity	Tarson	524010	4 (1pc/pk)		
77	Cryo Box 96 places , 4.5ml capacity	Tarson	524030	4 (1pc/pk)		
78	Cryo Box 21 places , 1.8ml capacity	Tarson	52400	4 (1pc/pk)		



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79	Cryo Box 21 places , 4.5ml capacity	Tarson		4 (1pc/pk)		
70	Cryo Vial (Cryochill) 1.8ml	Tarson	523182	1 (1000pc/pk)		
81	Cryo Vial (Cryochill) 4.5ml	Tarson	513183	2 (500pc/pk)		
82	Cell Culture Dish 90x14mm	Tarson	460095	3 (480pc/pk)		
83	Duster Cloth	Standard Quality/Brand		1 (10pc/pk)		
84	Mask	Standard Quality/Brand		2 (50/pk)		
85	Parafilm 2"x250'	Tarson	380010	2 (1pc/pk)		
86	Parafilm "x125'	Tarson	380020	2 (1pc/pk)		
87	Tissue Roll	Standard Quality/Brand		50 (1pc/pk)		
88	Glass Petriplates 90x15mm	Standard Quality/Brand		100pcs		
89	Ethanol Ethoxy	Standard Quality/Brand		500ml		
90	Tris base	Standard Quality/Brand	MB029-500G	500g		
91	Dextrose	Himedia	GRM016-500G	500g		
92	Spirit	Standard Quality/Brand		4.5l		
93	Xpert Dot Elisa Teaching Kit	Himedia	HT10015-15PR	1 Kit		
94	Xpert Ouchterlony Double Diffusion Teaching Kit	Himedia	HT1003-15PR	1 Kit		
95	Xpert Radial Immuno Diffusion Teaching Kit	Himedia	HT1004-20PR	1 Kit		
96	Wash bottle new type	Tarson	561120	4/pk		
97	Aspirator bottle with stop cork, 5000ml	Tarson	583210	1/pk		
98	Primers, Oliogs 25nmol, 49 oligos	GCC		1072 bases		
99	Primers, Oliogs 50nmol, 9 oligos	GCC		183 bases		
100	Primers, oligos modified-50nmol	GCC		10 bases		
101	Ammonium Persulphate	Sigma	A3678-25g	25g		
102	Methanol	Himedia	AS061-2,5L	2.5L		
103	Xylene Cyanol	Merck	X4126-10G	10g		
104	Sodium Acetate	Himedia	TC023-500G	100g		
105	Potassium Acetate	Himedia	MB042-	100g		



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			500G			
106	Blood Grouping Kit	Standard Quality/Brand		1kit/pk		
107	Lancet (pricker)	Standard Quality/Brand		1/pk		
108	Slides of different stages of mitosis	Standard Quality/Brand		1/pk		
109	MS media Murasik and Skoog media	HiMedia	PT021-25L	15L/pk		
110	Agar-Agar	Himedia	PCT0901-500g	500g		
111	Sodium Hypochlorite	Himedia	AS102-1L	1L		
112	2,4-dichlorophenoxyacetic acid	Sigma-Aldrich	D7299-100G	100G		
113	Thiamine HCl	Himedia	CMS182-100G	100G		
114	Sterile Scalpel Blade No. 20	Himedia	LA771	1Pk.		
115	PTFE syringe filters (0.22µm)	Axiva	SFNY25R	1Pk.		
116	Culture tube (500 unit)			500pcs		
117	Stevioside	Merck	50956	1pc.		
Total Basic Amount (INR)						
GST @%						
Total amount inclusive of GST (INR)						

Note:

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Date:

Signature _____

Name:



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FINANCIAL BID PROFORMA

(It should be submitted in a separate sealed envelope)

Tender Notice No.: CUSB/PSD/Chemicals/T/01/2022-23, Date: 22/04/2022

Subject: Supply of “Laboratory Chemicals & Consumables”.

Name of Department: Life Science (Annexure „B”)

Name of the Bidder: _____

SL.NO.	PARTICULARS	MAKE	QTY	Unit Cost (INR)	Total Amount (INR)
Glasswares					
1	Reagent Bottle Screw Cap, 250 ml, Cat. No. 1501021	Borosil	20		
2	Reagent Bottle, screw cap, 250 ml, Amber, Cat. No. 1509021	Borosil	10		
3	Reagent Bottle screw cap, 100 ml, Cat. No. 1501016	Borosil	20		
4	Reagent Bottle, 100 ml, Amber, Cat. No. 1509016	Borosil	10		
5	Conical Flask, 50 ml, Cat. No. 5000012	Borosil	20		
6	Stirring Rod glass	Standard Quality/Brand	20 pcs		
7	Capillary Tube, glass	Standard Quality/Brand	2 Pk		
9	Mortar Pestle, Porcelain, Size: 4 Inch	Standard Quality/Brand	20		
10	cover slip (22*22 circular), ART NO. 22C	blue star	1		
11	Short plates , #1653308	BioRad,	1		
12	Spacer plates 1.0mm, # 1653311	BioRad,	1		
13	Spacer plates 1.5mm, # 1653312	BioRad,	1		
Plasticwares					
14	Conical Centrifuge Rack, 50 ml stand, Cat. No. 241080	Tarson	10		
15	ACCUPIPET™ - Variable Volume Pipette (1-10 µl) Code- 030010	Tarsons	1		
16	ACCUPIPET™ - Variable Volume Pipette (10-100 µl) Code- 030030	Tarsons	1		
17	ACCUPIPET™ - Variable Volume Pipette (100-1000 µl) Code- 030030	Tarsons	1		



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18	15 ml Centrifuge tube, 500031	Tarson	2		
19	50 ml Centrifuge tube, 50041	Tarson	2		
20	2 ml sterile Eppendorf tube, 500020	Tarson	12		
21	Microtips sterile 20 µl, 521050	Tarson	10		
22	Microtips sterile 200 µl, 521010	Tarson	10		
23	Microtips sterile 1000 µl, 521020	Tarson	10		
24	Microtips sterile 10 µl, 521000	Tarson	10		
25	Tissue Roll	Standard Quality/Brand	100		
26	Aluminium Foil	Standard Quality/Brand	5		
27	Cling Film	Standard Quality/Brand	5		
28	Chemical Resistant Rubber Hand Gloves, Large	Standard Quality/Brand	10		
29	Pasteur Pipette, 3 ml, 500/PK, 940050	Tarson	10		
30	Butter Paper	Standard Quality/Brand	10		
31	KIMWIPES, 370080	Tarson	2		
32	Petri Dishes, 90*14 mm, 500/PK, 460050	Tarson	2 PK		
33	Serological Pipette, 2 ml, 500/PK, 940020	Tarson	2		
34	Serological Pipette, 10 ml, 200/PK, 940040	Tarson	2		
35	Serological Pipette, 5 ml, 250/PK, 940030	Tarson	2		
36	Nitrile Gloves, Medium, Cat. No. 370110, 100/Pk	Tarson	10 Pk		
37	Nitrile Gloves, Large, Cat. No. 370120, 100/Pk	Tarson	10 Pk		
38	L Spreader, Pouch of 5, 100/Pk, Cat. No. 920081	Tarsons	5 Pk		
39	Autoclavable Bag, 12*8 inch, 100/Pk, Cat. No. 550021	Tarson	10 PK		
40	Gel Staining Box, 2/PK, Cat. No. 482020	Tarson	5 PK		
41	Combilok Rack, 4/PK, 202081	Tarson	5 Pk		
42	Reagent Reservoir, 75 ml, 12/PK, Cat. 524090	Tarson	1 Pk		
43	Cryo Vial, 1.8 ml, 500/PK, 523182	Tarson	2 Pk		
44	Cryo Box, 25 Places, 8/PK, 524000	Tarson	5 PK		
45	Coplin Jar, 12/PK, 480000	Tarson	1 PK		
46	Retort Base, Heavy, 10" * 6", LARB8888H10	Borosil	5		



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47	Serological Pipette, 25 ml, Cat. No. 940000, 200/Pk	Tarson	1 Pk		
48	Haemoglobinometer Complete Set up	Standard Quality/Brand	5		
49	Haemocytometer, Complete Set up	Standard Quality/Brand	2		
50	cryobox, 1.5 ml, 4/Pk, Cat. No. 524020	Tarson	2		
51	L Spreader, Autoclavable, Cat. No. PW-1085-1X100NO	Hi Media	1		
52	6 well plate for cell culture ,980010, 50/Pk	Tarson	5 Pk		
53	Micro Centrifuge tube, 1.5 ML, 500/Pk, Cat. No. 500010	Tarson	3		
54	PTFE Tissue grinder glass vessel, 50 ml, glass, Item No. WW-44468-18	Cole Parmer	1		
Chemicals					
55	QIAPrep Spin Miniprep Kit, Cat. 27104	QIAGEN	1		
56	Blood Grouping Kit	Standard Quality/Brand	1		
57	RNASE A, Cat. No. MB087-100MG	Himedia	2		
58	Phenol Chloroform Isoamylalcohol, Cat. No. 77617-100ML	Sigma	2		
59	Aluminium Chloride, 237051-100G	Sigma	1		
60	Thiamine HCL, TC173M-25G	Himedia	1		
61	Hydrochloric Acid, TC536M-2.5L	Himedia	1		
62	Sulphuric Acid, 258105-2.5L-PC	Sigma	1		
63	Tris base, Cat. No. TC072-1 KG	Himedia	1		
64	Tris Hcl, MB030-500G	Himedia	1		
65	Sarcosyl, Cat. No. MB108-5gm	Himedia	1		
66	Sucrose-500 g, Cat. No. GRM3063-500 GM	Himedia	10		
67	Sodium hypochlorite, AS102-5L	Himedia	1		
68	Tryptone Broth, GM463-500G	Himedia	1		
69	Potassium Acetate, MB042-500G	Himedia	1		
70	Gram Stain kit, Cat. No. K001L-1KIT	Himedia	1		
71	Labolene, 5L, Cat. No. Q42218	Qualigen	2		
72	Ethanol, CHINA	CHINA	18		
73	Surgical Spirit, 2.5 Ltr	Local	2		
74	Luria Broth, Granulated Cat. No. GM575-500G	Himedia	1		
75	Protein Ladder, Cat. no. MBT092-100LN	Himedia	1		
76	DNase1, Cat. No. M0303S	NEB	2		
77	DNA 1 KB plus ladder, Cat. No. N3200S	NEB	1		



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78	Taq DNA Polymerase with standard buffer, Cat. No. M0273S	ILS (NEB)	2		
79	Potato Dextrose Agar (M096F-500G)	Himedia	1		
80	Methanol Lab Grade, 2.5L, AS058-2.5L	Himedia	10		
81	Peptone, RM001-500G	Himedia	1		
82	Glycine, TC075-100G	Himedia	1		
83	Xylene, AS080-500ML	Himedia	1		
84	Potato Dextrose Broth (GM403-500G)	Himedia	1		
85	Agarose, Cat. No. MB094-500G	Himedia	1		
86	Tryptophan, RM1761-5G	Himedia	1		
87	dNTPs (10 mM), Cat. No. D7295-0.2ML	Sigma	1		
88	Phenol, MB079-500	Himedia	1		
89	MMLV Reverse Transcriptase, 639522	Takara	2		
90	TEMED Hi-AR, GRM1572-250M	Himedia	1		
91	Yeast Extract, 1037530500	Sigma	1		
92	Sodium Nitrate, PCT0014-500G	Himedia	1		
93	Hypophosphorous Acid, 214906-100ML	Sigma	1		
94	Perchloric acid, AS014	Himedia	1		
95	Ethanol for analysis, 1.00983.0511	Merck	5		
96	syringe driven filter, cat no. SF10-50NO	Himedia	2		
97	Acrylamide 3x cryst. 15657-1 KG	SRL	1		
Total Basic Amount (INR)					
GST @%					
Total amount inclusive of GST (INR)					

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Signature _____

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FINANCIAL BID PROFORMA

(It should be submitted in a separate sealed envelope)

Tender Notice No.: CUSB/PSD/Chemicals/T/01/2022-23, Date: 22/04/2022

Subject: Supply of “Laboratory Chemicals & Consumables”.

Name of Department: Environmental Science (Annexure „C”)

Name of the Bidder: _____

SL.N O.	PARTICULARS	MAKE/BRAND	QUANTITY	Unit	Unit Cost (INR)	Total Amount (INR)
Chemicals						
1	Ammonium molybdate	Merck/Fisher/Himedia	500 gm.x2	2		
2	Ammonium Acetate	Merck/Fisher/Himedia	500 gm. x1	1		
3	Ammonium Perporate	Merck/Fisher/Himedia	25gm.x1	1		
4	Acetocarmine	Merck/Fisher/Himedia	125 ml.x2	2		
5	Calcium Nitrate	Merck/Fisher/Himedia	500gm. x1	1		
6	Chloroform	Merck/Fisher/Himedia	500ml.x6	6		
7	DCM(Dichloro- methane)	Merck/Fisher/Himedia	2.5 LiterX2	2		
8	Manganese II sulphate(Magnasulphate)	Merck/Fisher/Himedia	500 gm. x2	2		
9	Mercury Chloride	Merck/Fisher/Himedia	100 gm. x1	1		
10	Potassium Sulphate	Merck/Fisher/Himedia	500 gm. x1	1		
11	Potassium Per Sulphate	Merck/Fisher/Himedia	500 gm. x1	1		
12	Potassium Chromate	Merck/Fisher/Himedia	500 gm. x 1	1		
13	Salt A china	Merck/Fisher/Himedia	500 ml. x 10	10		
14	Trace metals Fresh Water Sediment Product no. - CRM016	Sigma	50 gm.x1	1		
15	Sediment (Extractable Elements) BCR 701- 1EA	Sigma	1 PC.	1		
16	Buffer Capsule (pH4.0,7.0,9.2)	Merck/Fisher/Himedia	3 PC.	3		
17	Czapek Doz Agar GM075	Himedia	500gm.x1	1		
18	Malt Extract Agar Base M1913-500G	Himedia	500gm.x1	1		
19	Potato dextrose Agar	Himedia	500gm.x1	1		



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	M096-500G					
20	Potato dextrose broth SMH0965X100ml	Himedia	100ml.x1	1		
21	Tetracycline CMS219- 5G	Himedia	5g.x1	1		
22	Selenium metal powder, A.R. GRM7472	Himedia	25 gm.x1	1		
23	Mullar Hinton Agar	Merck/Fisher/Himedia	500 gm.x01	1		
24	Methylene blue, Pure GRM956	Himedia	100 gm.x1	1		
25	Triethanolamine	Merck	500 ml.m.x2	2		
26	Antimony potassium tartrate trihydrate, A.R. GRM 1779	Merck/Fisher/Himedia	100 gm.x1	1		
27	N,N-Dimethyl-p- phenylenediamine	Merck	25 gm.x1	1		
28	di-Ammonium hydrogen phosphate, ACS GRM3886	Himedia	500 gm.x1	1		
29	Hydrogen Peroxide 1.93407.0521	MERCK	500mlx10	10		
30	Silver Sulphate	Thermo fisher	25 gm.x02	2		
31	Silver Nitrate	Merck	100 gm. X1	1		
32	Sulphuric acid	Merck	500 ml.x20	20		
33	Aluminum Oxide Neutral	Merck/Qualigens/Rankem	500gm.x5	5		
34	Anhydrous Sodium Sulfate	Merck/Qualigens/Rankem	500gm.x2	2		
35	Acetone	Merck/Qualigens/Rankem	2.5 Literx3	3		
36	Methanol (HPLC)	Merck/Qualigens/Rankem	2.5 literx2	2		
37	Potassium dichromate	Merck/Qualigens/Rankem	500 gm.x02	2		
38	Ortho-phosphoric acid	Merck/Qualigens/Rankem	01 literx 3	3		
39	Labolene	Fisher Scientific	5 Liter.x02	2		
40	Gum Acacia	Merck/Fisher/Himedia	500gm.x1	1		
41	Nitric Acid	Merck/Fisher/Himedia	500 ml.x10	10		
42	Perchloric acid	Merck/Fisher/Himedia	500 ml.x2	2		
43	Benzoic Acid Tablet	IKA	10 Tabletx2	2		
44	IKA AQUA Pro C5003.1	IKA	02 packets	2		
45	Macconkey broth	Merck/Fisher/Himedia	100gmx1	1		
46	Brilliant blue bile broth	Merck/Fisher/Himedia	500gm.x1	1		



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47	Azide dextrose broth	Merck/Fisher/Himedia	500gm.x1	1		
48	Bile Esculine Azide agar	Merck/Fisher/Himedia	500gm.x1	1		
49	Tritiated water (Tritium Water)/Tritium oxide	Merck/Fisher/Himedia	250 ml.x1	1		
50	Bromocresol green indicator	Merck/Fisher/Himedia	125 ml.x1	1		
51	Ammonium Chloride	Merck/Fisher/Himedia	500 gm. X1	1		
52	Calcium Sulphate	Merck/Fisher/Himedia	500 gm. X3	3		
53	Calcium Phosphate	Merck/Fisher/Himedia	500 gm. x3	3		
54	Calcium Carbonate	Merck/Fisher/Himedia	500 gm. x3	3		
55	DDT	Any Make	500 gm. X3	3		
56	Potassium Iodide	Merck/Fisher/Himedia	500 gm. x3	3		
57	Ferrous Ammonium Sulphate	Merck/Fisher/Himedia	500 gm. X5	5		
58	Internal stander Mix (Product code SKU-861291)	Supelco	01 Pc.	1		
59	Diphenyleamine	Merck/Fisher/Himedia	500 gm. x3	3		
60	PAHS (Product code - 47351)	Sigma	01 Pc.	1		
61	Hydrochloric acid	Merck/Fisher/Himedia	500 ml.x20	20		
62	Hexane	Merck/Fisher/Himedia	2.5 Literx 5	5		
Total Basic Amount (INR)						
GST @%						
Total amount incusive of GST (INR) (Part ,A")						

SL.NO.	PARTICULARS	MAKE/BRAND	QUANTITY	Unit Cost (INR)	Total Amount
Glasswares					
1	Hand operated Vacuum Pump	Tarsons	03Pc.		
2	Spreader (glass) 1X20 NO.	Borosil/ Himedia	01 Pkt.		
3	Capillary Tube	Any Make	05 Pc..		
4	Glass Droper (Fine)	Any Make	02 Pkt.		
5	Slide (Glass)	Any Make	05 Pkt.		
6	Slide cover (Glass)	Any Make	05 Pkt.		
7	Beaker (50 ml.)	Duran/Rivera	50 Pc.		
8	Beaker (50 ml.)	Duran/Rivera	50 Pc.		
9	Evaporating Dish (80x45 mm)	Duran/Rivera	25 Pc.		
10	Volumatric Flask(100ml.)	Duran/Rivera	10 Pc.		
11	Volumatric Flask (250ml.)	Duran/Rivera	10 Pc.		



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12	Volumetric Flask (500ml.)	Duran/Rivera	10 Pc.		
13	Volumetric Flask (1000ml.)	Duran/Rivera	100 Pc.		
14	Ice Box	Cello/Milton	2 Pc.		
15	Autoclavable Bag	Himedia	02 Pkt.		
16	Pasture Pipette	Tarsons	01 Pkt.		
17	Wash Bottle	Tarsons	20 Pc.		
18	Teflon Bomb	Standard Quality/Brand	10 Pc.		
19	Parafilm	Tarsons	02 Pc.		
Total Basic Amount (INR)					
GST @%					
Total amount incusive of GST (INR) (Part ,B")					

SL.NO.	PARTICULARS	MAKE/BRAND	QUANTITY	Unit Cost (INR)	Total Amount (INR)
Other Items					
1	Filter Paper 47 mm CAT No.1001 125	Whatman	05 Pkt.		
2	Cellulose filter paper (20-25um) grad 1 48232000	Whatman	01 Pkt.		
3	Cellulose filter paper (5 um)	Whatman	01 Pkt.		
4	Tissue Roll	Standard Quality/Brand	100 pc.		
5	Aluminium foil	Standard Quality/Brand	05 Kg.		
6	Blotting Paper	Standard Quality/Brand	200 Pc.		
7	Butter Paper	Standard Quality/Brand	200 Pc.		
8	Mask (One Time Use)	Standard Quality/Brand	10 Pkt.		
9	Rubber Band	Standard Quality/Brand	2kg.		
10	Battery LR 44	Standard Quality/Brand	50 Pc.		
11	Acid Proof Apron	Standard Quality/Brand	02 Pc.		
13	Spirit Lamp	Standard Quality/Brand	02 Pc.		
14	Rubber Ball	Standard Quality/Brand	05 Pc.		
15	Tray (Plastic)	Standard Quality/Brand	10 Pkt.		
16	Togs (Large,Medium,Small)	Standard Quality/Brand	15 Pc.		



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17	Goggles (Acid Proof)	Standard Quality/Brand	05 Pc.		
Total Basic Amount (INR)					
GST @%					
Total amount inclusive of GST (INR) (Part „C“)					

Grand Total (Part A+B+C) in word (Rs.)

Note:

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Signature _____

Date:

Name:



CENTRAL UNIVERSITY OF SOUTH BIHAR

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Post- Fatehpur, P.S- Tekari, District- Gaya (Bihar) PIN- 824 236

FINANCIAL BID PROFORMA

(It should be submitted in a separate sealed envelope)

Tender Notice No.: CUSB/PSD/Chemicals/T/01/2022-23, Date: 22/04/2022

Subject: Supply of “Laboratory Chemicals & Consumables”.

Name of Department: Physics (Annexure „D“)

Name of the Bidder: _____

SL.NO.	PARTICULARS	MAE/BRAND	QUANTITY	Unit Cost (INR)	Total Cost (INR)
1	Alumina Crucible with Lid 100 ml	Hitech Ceramics	10 nos		
2	Alumina Crucible with Lid 50 ml	Hitech Ceramics	10 nos		
3	Iron Nitrate Nano Hydrate	Merk	100 gm		
4	Nitric Acid	Merk	100 ml		
5	Citric Acid	Merk	500 gm		
6	Ethylene Glycol	Merk	100 ml		
7	Lanthanum Oxide	Merk	100 gm		
8	Terbium Oxide	Merk	2 gm		
9	Dysprosium Oxide	Merk	5 g		
10	Ytterbium Oxide	Merk	10 gm		
11	EDTA	Merk	100 gm		
12	Magnese Oxide	Merk	100 gm		
13	Ammonia Solution in methanol	Merk	100 gm		
14	Petri Disk	BFC	10 nos		
15	Aluminium Foil	Freshwrap Hindalco	3 nos		
16	Butter Paper	Fairmart	2 pack		
17	Measuring Flask	Witeg	2 pack		
18	Gloves	Kashi Surgical	1 pack		
19	Spatula	Hemobllo	13 pc set		
20	Glass Pipette	Witeg	1 pcs		
21	Fe (99.99%)	Alfa Aesar	25g		
22	Co (99.99%)	Alfa Aesar	5g		
23	Mn (99%)	BFC	100g		
24	Cr (99%)	Alfa Aesar	10g		
25	Ti (99.4%)	Alfa Aesar	25g		
26	Cu (99.9%)	Alfa Aesar	50g		
27	Mg (99.8%)	Alfa Aesar	250g		



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28	Boron carbide (99%)	Merk	50G		
29	Ruthenium dioxide (98%)	Merk	2G		
30	IrO ₂ (98%)	Alfa Aesar	1G		
31	Strontium peroxide (99.9%)	Merk	100gm		
32	Al (99.7%)	Otto	100g		
33	cadmium nitrate	merck	10g (99.997)		
34	magnesium nitrate	merck	10g (99.999)		
35	Magnesium oxide	alfa aesar	25g (99.95)		
36	Manganese (iv) oxide	alfa aesar	5g (99.99)		
37	cobalt oxide	alfa aesar	5g (99.995)		
38	citric acid	merck	100g (99.5)		
39	cobalt nitrate	merck	10g(99.999)		
40	Quartz Tube Od 55mmxID50mm	Anil Scientific Corp.	1		
41	Borosilicate Glass Seperating Funnel	Abgil	2		
42	Alumina Ceramic Crucible Boat	IVELECT	5 nos		
43	Silica Crucible 25ml	Generic	15 nos		
44	Lanthanum strontium manganite (La _{0.8} Sr _{0.2} MnO ₃)	MERCK	10GM (≥99%)		
45	Iron (III) oxide Fe ₂ O ₃	MERCK	25GM (97% trace metal basis)		
46	Cobalt(II) Oxide CoO	MERCK	10GM (-325 mesh)		
47	Mn(metal) powder	CDH PVT.Ltd.	250GM (≥99%)		
48	Silicon(metal) powder	CDH PVT.Ltd.	500GM (≥99%)		
49	Cobalt (metal) powder	SRL PVT.Ltd.	100GM (≥99.5%)		
50	Barium Titanate (IV) BaTiO ₃	MERCK	25GM (≥99% trace metal basis)		
51	Calcium Peroxide (CaO ₂)	MERCK	250GM (75%, -200 mesh)		
52	Lead (II)Titanate (PbTiO ₃)	Thermofisher Scientific	10GM		
53	Zirconium(IV)Oxide	Thermofisher Scientific	25GM (≥99%)		
54	Gallium (III)Nitrate Hydrate(Ga(NO ₃) ₃ .xH ₂ O)	MERCK	5GM (99.9%, Trace metal)		
55	Liquid Nitrogen	Bihar	300Lit		



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56	Ar Refill	Usha Air Product	2		
57	CO2 Refill	Usha Air Product	2		
58	Isobutane Refill	Usha Air Product	1		
59	Freon R134A Refill	Usha Air Product	1		
60	Niobium(V) Oxide (Nb ₂ O ₅)	203920-50G	50g		
61	Sodium carbonate(Na ₂ CO ₃)	S7795-500G	500g		
62	Ammonium oxalate monohydrate((NH ₄) ₂ C ₂ O ₄ · H ₂ O)	221716-500G	500g		
63	Citric acid	251275-500G	500g		
64	Ethylene Glycol	324558-2L	2000ml		
65	Ammonium hydroxide solution	221228-2.5L-A	2500ml		
66	Nitric acid	438073-500ML	500ml		
67	Protoporphyrin IX	Merck (P8293-1G)	1 gm		
68	Vanadyl 2,3-naphthalocyanine	Merck (458724-1G)	1 gm		
69	1,3,5-Benzenetricarbonyl trichloride	Merck (147532-25G)	25 gm		
70	Triethyl 1,3,5-benzenetricarboxylate	Merck (444693-25G)	25 gm		
71	Indium tin oxide coated glass slide	Merck (703192-10PAK)	10 PKG		
72	Tris-(8-hydroxyquinoline)aluminum	Merck (444561-1G)	1 gm		
73	Cesium carbonate	Merck (441902-5G)	5 gm		
74	Cesium fluoride	Merck (289345-5G)	5 gm		
75	Poly(3,4-ethylenedioxythiophene)-poly(styrenesulfonate) PEDOT:PSS	Merck(655201-5G)	5 gm		
76	Protoporphyrin IX	Merck (P8293-1G)	1 gm		
77	Vanadyl 2,3-naphthalocyanine	Merck (458724-1G)	1 gm		
78	1,3,5-Benzenetricarbonyl trichloride	Merck (147532-25G)	25 gm		
79	Triethyl 1,3,5-benzenetricarboxylate	Merck (444693-25G)	25 gm		
80	Tris-(8-hydroxyquinoline)aluminum	Merck (444561-1G)	1 gm		
81	Cesium carbonate	Merck	5 gm		



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		(441902-5G)			
82	Cesium fluoride	Merck (289345-5G)	5 gm		
83	Poly(3,4-ethylenedioxythiophene)- poly(styrenesulfonate) PEDOT:PSS	Merck(655201- 5G)	5 gm		
84	Grating 15000 lines/ inch	Kapur Scientific Ltd.	10		
85	Acetone for Synthesis 99%	CDH(67-64-1)	2.5 litre		
86	Potassium Carbonate(Anhy) AR/ACS 99%	CDH(584-08-7)	500 GM		
87	Lithium Carbonate AR HISURE	CDH(554-13-2)	250 GM		
88	Antimony Trioxide AR	CDH(1309-64- 4)	500 GM		
89	Sodium Carbonate (Anhydrous) Pure 99.5%	CDH(497-19-8)	5 KG		
90	Glutamine	CDH	25 GM		
91	L-Histidine	CDH	25 GM		
92	Isoleucine	CDH	25 GM		
93	Proline	CDH	500 GM		
94	Serine	CDH	500 GM		
95	Amaranth Dye	CDH	100 GM		
96	Benzo Fast Scarlet	CDH	25 GM		
97	Carmoisine	CDH	25 GM		
98	Tartrazine	CDH	25 GM		
99	Indigo Carmine	CDH	25 GM		
100	Fast Green	CDH	25 GM		
101	Patent Blue	CDH	25 GM		
102	Alura Red	CDH	100 GM		
103	Aluminium Chloride Anhydrous	CDH	500 gm		
104	Barium Chloride Dihydrate AR/ACS	CDH	500 gm		
105	Cadmium Chloride Anhydrous Dried	CDH	500 gm		
106	Cerium (III) Chloride 99.9%	CDH	25 gm		
107	Cesium Chloride AR	CDH	100 gm		
108	Cobalt Chloride Hexahydrate	CDH	100 gm		
109	Copper (II) Chloride Anhydrous AR	CDH	500 gm		
110	Ferric Chloride Anhydrous 97.0%	CDH	1kg		
111	Lead (II) Chloride Anhydrous	CDH	500gm		
112	Lithium Chloride Anhydrous 99.0%	CDH	250 gm		
113	Magnesium Chloride Hexahydrate	CDH	500 gm		
114	Manganese (II) Chloride 99.0%	CDH	500 gm		
115	Mercuric Chloride 99.0%	CDH	25 gm		
116	Neodymium (III) Chloride 99.9%	CDH	50 gm		
117	Nickel (II) Chloride (Hexahydrate)	CDH	500 gm		



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118	Phosphorous Trichloride 99.0%	CDH	500 ml		
119	Phosphorous Pentachloride 98.0%	CDH	500 gm		
120	Potassium Chloride Purified 99.0%	CDH	500 gm		
121	Silver Chloride 99.0%	CDH	25GM		
122	Sodium Chloride Cryst. Pure 99.5%	CDH	500 gm		
123	Stannic Chloride Pentahydrate 97.5%	CDH	500 gm		
124	Stannic Oxide AR 99.5%	CDH	250 gm		
125	Strontium Chloride Purified 98.0-101.0%	CDH	500 gm		
126	Sulphur Monochloride 98.0%	CDH	500 ml		
127	Titanium (IV) Chloride for Synthesis	CDH	500 ml		
128	Zinc Chloride (Dry) AR/ACS 98.0%	CDH	500 gm		
129	Zirconium Oxychloride AR Octahydrate 99.5%	CDH	100 gm		
130	Bismuth Trichloride	CDH	100 gm		
131	Calcium Chloride Dihydrate Pure	CDH	500 gm		
132	Cobalt Oxide Black (II & III)	CDH	100 gm		
133	Indium Nitrate 99.9%	CDH	10 gm		
134	Indium Oxide 99.5%	CDH	10 gm		
135	Cobalt (Ous) Nitrate Hexahydrate	CDH	500 gm		
136	MANGANESE(IV) OXIDE	Merk	1 kg		
Total Basic Amount (INR)					
GST @%					
Total amount incusive of GST (INR)					

Note:

1. No overwriting or use of whitener is permitted. If done then it will be summarily rejected.
2. No extra payment shall be made up and above of the quoted total price.
3. University has DSIR Certificate hence GST rate shall be 5% and requisite certificate(s) shall be provided accordingly against Proforma Invoice, if once Purchase Order issues in this regard.

Date:

Signature _____

Name:



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FINANCIAL BID PROFORMA

(It should be submitted in a separate sealed envelope)

Tender Notice No.: CUSB/PSD/Chemicals/T/01/2022-23, Date: 22/04/2022

Subject: Supply of "Laboratory Chemicals & Consumables".

Name of Department: Chemistry (Annexure ,E')

Name of the Bidder: _____

S.N	Product	Make	Grade	Product Code/SAP Code	PACK SIZE	Qty	Unit Cost (INR)	Total Cost (INR)
1	Ortho phosphoric acid	SRL	LR Grade	36678	20ltr	1		
2	1-Butanol	Loba	LR Grade	00054	500ml	4		
3	Toluene	SRL	LR Grade	47556	25ltr	1		
4	Potassium Iodide	SRL	LR Grade	78240	500GM	2		
5	Ammonium Chloride	SRL	LR Grade	25103	5KG	1		
6	Sodium Thiosulfate	SRL	LR Grade	52304	500GM	2		
7	Tissue Roll	Kimberley	LR Grade		Roll	30		
8	Filter Paper	Standard Quality/Brand	LR Grade			2		
9	Battery LR 44	Standard Quality/Brand	LR Grade			100		
10	Butter Paper	Standard Quality/Brand	LR Grade		Each	25		
11	Buffer Tablet 4	Merck	LR Grade		10tabs	1		
12	Buffer Tablet 7	Merck	LR Grade		10tabs	1		
13	Buffer Tablet 10	Merck	LR Grade		10tabs	1		
14	Glass Pipette	Standard Quality/Brand	LR Grade		PKT 10 ml	1		
15	Magnetic Stirrer Bead	Standard Quality/Brand	LR Grade	small	PKT	4		
16	Spatula 7.5 inch	Standard Quality/Brand	LR Grade		PKT	2		
17	Spatula 9 inch	Standard Quality/Brand	LR Grade		PKT	2		
18	Forceps	Standard	LR		PKT	2		



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		Quality/Brand	Grade					
19	Potassium Bromide IR Grade	Sigma	LR Grade	221864-100G	100GM	1		
20	Cesium Iodide IR Grade 99.999% trace metals basis	Sigma	LR Grade	203033-10G	10 GM	1		
21	Ammonia Solution	SRL	LR Grade	78719	25ltr	1		
22	Ferrous Ammonium sulfate	SRL	LR Grade	89944	500GM	1		
23	Ferric Chloride	SRL	LR Grade	72287	5KG	1		
24	Cobalt Chloride	SRL	LR Grade	99412	500GM	1		
25	Silver Nitrate	SRL	LR Grade	1.93600.0121	100GM	1		
26	Cobalt Nitrate	SRL	LR Grade	14941	500GM	1		
27	Folic Acid	SRL	LR Grade	43164	100GM	1		
28	Potassium Chromate	SRL	LR Grade	84390	500GM	1		
29	Urinary acetate	SRL	LR Grade	81405	5GM	1		
30	Benzene	SRL	LR Grade	99515	25ltr	1		
31	Diethyl ether	Merck	LR Grade	1.00923.0521	500ml	2		
32	Acetic Acid	Avantor	LR Grade		25ltr	1		
33	IPA	Avantor	LR Grade		25ltr	1		
34	Benzyl Chloride	Loba	LR Grade	00048	500ml	1		
35	Methyl ethyl ketone	Loba	LR Grade	00144	2.5ltr	1		
36	Acetonitrile HPLC Grade	Himedia	HPLC	AS028	2.5 Ltr	1		
37	Chloroform HPLC Grade	Himedia	HPLC	AS114	2.5 Ltr	1		
38	Methanol HPLC Grade	Himedia	HPLC	900688-1L	AS061	1		
39	Carbon Tetra Chloride	Loba	UHPLC	00069	2.5ltr	1		
40	DCM HPLC Grade	Himedia	HPLC	AS115	2.5ltr	1		
41	Water HPLC Grade	Himedia	HPLC	AS077	5 ltr	1		
42	Ethyl Acetate HPLC Grade	Himedia	HPLC	AS130	2.5 ltr	1		
43	IPA HPLC Grade	Himedia	HPLC	AS122	2.5ltr	1		
44	Formic Acid	Loba	HPLC	00151	500ml	1		
45	Ethyl Acetoacetate	Merck	LR Grade		500ml	1		
46	8-Hydroxyquinoline	SRL	LR Grade	91113	500GM	1		
47	HCl	Merck	LR Grade	1.93401.5021	5ltr	2		
48	Nitric Acid	Merck	LR Grade	1.93406.2521	2.5ltr	2		
49	Sulfuric Acid	Merck	LR Grade	1.93400.5021	5ltr	2		
50	Perchloric Acid	Merck	LR Grade	1.93005.2521	2.5ltr	1		



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51	Telluric Acid	Sigma	LR Grade	308463-100G	100GM	1		
52	Hydrofluoric Acid	Merck	LR Grade		500ml	1		
53	Ammonium Sulfate	SRL	LR Grade	88064	5KG	1		
54	Glycerine	Merck	LR Grade	1.94501.0521	500ml	1		
55	Celite 545	SRL	LR Grade	82523	500GM	1		
56	Aluminium Foil	Himedia	LR Grade		Roll	2		
57	ALLYL ALCOHOL(2-Propen-1-ol) >98% puriss for synthesis	Spectrochem	LR Grade	107186	500 ml	1		
58	N-METHYL MORPHOLINE-N-OXIDE 50 % aq. soln. puriss for synthesis [7529-22-8]	Spectrochem	LR Grade	7529228	500 gm	1		
59	Allylbenzene	Avra	LR Grade	300572	25 gm	1		
60	ALLYL CHLORIDE (3-CHLORO-1-PROPENE) >99% puriss for synthesis	Spectrochem	LR Grade	107051	500 ml	1		
61	ALLYL BROMIDE (3-BROMOPROPENE) >98% puriss for synthesis	Spectrochem	LR Grade	106956	100 ml	1		
62	METHYLEUGENOL >99% puriss for synthesis	Spectrochem	LR Grade	93152	100 ml	1		
63	Phenylglyoxylic acid	Sigma	LR Grade	611734	5 gm	1		
64	PYRUVIC ACID (2-Oxopropanoic Acid) >98% puriss for synthesis	Spectrochem	LR Grade	127173	100 ml	1		
65	3-Aminopyridine	Spectrochem	LR Grade	462088	25 gm	1		
66	2-AMINOPYRIDINE >98% puriss for Synthesis	Spectrochem	LR Grade	504290	100 gm	1		
67	2-Amino-6-methylpyridine	Sigma	LR Grade	1824813	100 gm	1		
68	4-Amino-3-iodobenzonitrile	Sigma	LR Grade	33348344	1 gm	1		
69	TRIFLUOROMETHANESULPHONIC ACID >98% (T)	Spectrochem	LR Grade	1493136	100 gm	1		
70	Benzyl acrylate	Sigma	LR Grade	2495354	10 gm	1		
71	ETHYL ACRYLATE (stab.) >99% puriss for synthesis [140-88-5]	Spectrochem	LR Grade	140885	100 ml	1		
72	TEMPO FREE RADICAL (2,2,6,6-Tetramethyl-1-piperidinyloxy, free radical) > 98% puriss for synthesis	Spectrochem	LR Grade	2564832	25 gm	1		
73	Succinimide	Sigma	LR Grade	123568	500 gm	1		
74	ETHYL BROMOACETATE~96%	Spectrochem	LR Grade	105362	100 gm	1		
75	PROPARGYL ALCOHOL(2-PROPYNE-1-OL) >99%	Spectrochem	LR Grade	107197	250 ml	1		
76	PROPARGYLAMINE > 98% puriss for synthesis [2450-71-7]	Spectrochem	LR Grade	2450717	1 gm	1		



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77	3-Phenyl-2-propyn-1-ol	Sigma	LR Grade	1504581	5 gm	1		
78	TRIFLUOROMETHANESULPHONIC ACID >98% (T)	Spectrochem	LR Grade	1493136	100 gm	1		
79	TLC plates for organic reactions	Merck	LR Grade			2		
80	Diethyl ether AR "DRY SOLVENT"	Finar	LR Grade	20581LM500	500 mL	2		
81	Diethyl ether extrapure	Finar	LR Grade	10580LC250	2.5 Lit	2		
82	N,N-Dimethyl formamide AR "DRY SOLVENT"	Finar	LR Grade	20599LM500	500 mL	2		
83	Acetonitrile AR "DRY SOLVENT"	Finar	LR Grade	20031LM500	500 mL	2		
84	Toluene AR "DRY SOLVENT" (moisture 0.0075%)	Finar	LR Grade	21861LM500	500 mL	2		
85	Methanol anhydrous AR "DRY SOLVENT"	Finar	LR Grade	20940LM500	500 mL	2		
86	Chloroform AR "DRY SOLVENT"	Finar	LR Grade	20471LM500	500 mL	2		
87	1,2-Dichloroethane AR/ACS	Finar	LR Grade	70540LM500	500 mL	2		
88	Acetone AR "DRY SOLVENT"	Finar	LR Grade	20021LM500	500 mL	2		
89	Dichloromethane AR "DRY SOLVENT"	Finar	LR Grade	20551LM500	500 mL	2		
90	Ethyl acetate AR "DRY SOLVENT"	Finar	LR Grade	20679LM500	500 mL	2		
91	Dimethyl sulphoxide AR "DRY SOLVENT"	Finar	LR Grade	20621LM500	500 mL	2		
92	1,4-Dioxan (stabilized) AR "DRY SOLVENT"	Finar	LR Grade	20631LM500	500 mL	1		
93	Benzene AR	Finar	LR Grade	20270LM500	500 mL	2		
94	Silica gel for column chromatography 60-120 mesh	Finar	LR Grade	11446SG500	25 kg	1		
95	Silica gel for column chromatography 230-400 mesh	Finar	LR Grade	11447SG500	25 kg	1		
96	Ethelene glycol	Finar	LR Grade	10665LLM500	25 lit	1		
97	Dichloromethane extrapure	Finar	LR Grade	10550LL025	25 Lit	1		
98	Acetone extrapure	Finar	LR Grade	10020LL025	25 Lit	1		
99	Methanol extrapure (acetone free)	Finar	LR Grade	10930LL025	25 Lit	1		
100	Hexane (fraction from petroleum) extrapure	Finar	LR Grade	10740LM500	25 Lit	1		
101	Propan-2-ol extrapure	Finar	LR Grade	11390LC250	2. 5 Lit	1		
102	Ammonia solution 0.91d extrapure (about 25%)	Finar	LR Grade	10070LC250	2.5 Lit	1		
103	t-Butanol	Finar	LR Grade	20335LM500	2.5 Lit	1		



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104	Tetrahydrofuran AR "DRY SOLVENT"	Finar	Dry	21821LM500	500ml	2		
105	Diethylamine extrapure	Finar	LR Grade	10575LC250	2.5L	1		
106	Xylene AR	Finar	LR Grade	21940LC250	2.5L	1		
107	Chloroform	Finar	LR Grade	30470LC250	2.5L	1		
108	Chlorobenzene	Finar	LR Grade	170465LM500	500ml	1		
109	Acetonitrile HPLC spectroscopy	Finar	HPLC	30030LC250	2.5L	1		
110	Methanol HPLC grade	Finar	HPLC	30930LC250	2.5L	1		
111	Ethanol (Salt A China)	Sigma	LR Grade		500 ml	3		
112	Chloro salicylaldehyde	Sigma	Ar Grade		5 gm	1		
113	Bromo salicylaldehyde	Sigma	Ar Grade		100 gm	1		
114	o-phenylenediamine	Himedia	Ar Grade	GRM7370	250 gm	1		
115	4,5- diaminophthalonitrile	Himedia	Ar Grade		500 gm	1		
116	MnCl ₂	Himedia	Ar Grade	GRM686	500 gm	1		
117	FeCl ₂ anhydrous	Himedia	Ar Grade	GRM6353	500 gm	1		
118	ZnCl ₂	Himedia	Ar Grade	GRM7628	500 gm	1		
119	NiCl ₂ ·6H ₂ O	Himedia	Ar Grade	GRM760	500gm	1		
120	CuCl ₂	Himedia	Ar Grade	GRM1307	500 gm	1		
121	VOSO ₄	Himedia	Ar Grade	RM3817	100 gm	1		
122	AlCl ₃	Himedia	Ar Grade		25 gm	1		
123	Polyvinyl alcohol	Himedia	Ar Grade	GRM6170	500 gm	1		
124	Manganese II acetate .4H ₂ O	Himedia	Ar Grade	GRM250	250 gm	1		
125	1, 10 Phenanthroline	Himedia	Ar Grade		500 gm	1		
126	2,2 Bipyridine	Himedia	Ar Grade	GRM791	25 gm	1		
127	Polyethelene Glycol 400	Himedia	Ar Grade	GRM400	500 ml	1		
128	Thioglycolic Acid	Himedia	Ar Grade	GRM6170	500 ml	1		
129	Silica Gel for TLC	Himedia	Ar Grade	GRM7480	500 gm	1		
130	Nickel Sulphate	Himedia	Ar Grade	GRM6387	500 gm	1		
131	Beaker	Borosil/Duran		1000005	10 ml	5		
132	Reagent bottle	Borosil/Duran		1501009	25 nml	3		
133	Volumetric flask	Borosil/Duran		5643006	10 ml	5		
Total Basic Amount (INR)								
GST @%								
Total amount incusive of GST (INR)								

Note:

1. No overwriting or use of whitener is permitted. If done then it will be summarily rejected.
2. No extra payment shall be made up and above of the quoted total price.
3. University has DSIR Certificate hence GST rate shall be 5% and requisite certificate(s) shall be provided accordingly against Proforma Invoice, if once Purchase Order issues in this regard.

Date:

Signature _____

Name:



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FINANCIAL BID PROFORMA

(It should be submitted in a separate sealed envelope)

Tender Notice No.: CUSB/PSD/Chemicals/T/01/2022-23, Date: 22/04/2022

Subject: Supply of “Laboratory Chemicals & Consumables”.

Name of Department: Teacher Education (Annexure ,F')

Name of the Bidder: _____

SL.NO.	PARTICULARS	MAE/BRAND	QUANTITY	Unit Cost (INR)	Total Cost (INR)
Chemicals					
1	Acetic Acid	Standard Quality/Brand	10 litre		
2	Acetone	Standard Quality/Brand	10 litre		
3	Baking Soda	Standard Quality/Brand	5 kg		
4	Barium Chloride	Standard Quality/Brand	5 kg		
5	Benzene	Standard Quality/Brand	10 litre		
6	Caustic Soda	Standard Quality/Brand	5 kg		
7	Copper Powder	Standard Quality/Brand	5 kg		
8	Copper Sulphate	Standard Quality/Brand	5 kg		
9	Copper Turnings	Standard Quality/Brand	5 kg		
10	Ferrous Sulphate Crystals	Standard Quality/Brand	5 kg		
11	HCL dilute	Standard Quality/Brand	10 litre		
12	Iodine solution	Standard Quality/Brand	10 litre		
13	Iron fillings	Standard Quality/Brand	5 kg		
14	Lead Nitrate	Standard Quality/Brand	5 kg		
15	Magnesium Ribbon	Standard Quality/Brand	10 rolls		
16	Milk of Magnesia	Standard Quality/Brand	5 kg		
17	Nitric acid	Standard Quality/Brand	10 litre		
18	Phenolphthalein indicator	Standard Quality/Brand	10 litre		



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19	Potassium Hydroxide	Standard Quality/Brand	5 kg		
20	Quick Lime (Calcium Oxide)	Standard Quality/Brand	5 kg		
21	Sodium Carbonate	Standard Quality/Brand	5 kg		
22	Sodium Sulphate	Standard Quality/Brand	5 kg		
23	Sulphur Powder	Standard Quality/Brand	5 kg		
24	Sulphuric Acid Dilute	Standard Quality/Brand	10 litre		
25	Zinc Granules	Standard Quality/Brand	5 kg		
Total Basic Amount (INR)					
GST @%					
Total amount inclusive of GST (INR) (Part ,A")					

SL.N O.	PARTICULARS	MAE/BRAND	QU ANT ITY	Unit Cost (INR)	Total Cost (INR)
Materials and Equipments					
1	Ammeter	Standard Quality/Brand	10		
2	Anemometer	Standard Quality/Brand	5		
3	Ball and Ring Apparatus	Standard Quality/Brand	5		
4	Basic Botany Prepared Slide Set	Standard Quality/Brand	1		
5	Basic Zoology Prepared Slide set	Standard Quality/Brand	1		
6	Beaker (Plastic) 100ml	Standard Quality/Brand	5		
7	Beaker (Plastic) 50ml	Standard Quality/Brand	5		
8	Beaker Brush	Standard Quality/Brand	10		
9	Beaker tong	Standard Quality/Brand	4		
10	Bell jar with stopper	Standard Quality/Brand	5		
11	Blow Pipe	Standard Quality/Brand	20		
12	Burette Stand with Double Clamp	Standard Quality/Brand	5		
13	Carbon Graphite Rod	Standard Quality/Brand	5		
14	Cavity Plates (12 Holes)	Standard Quality/Brand	10		



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15	Centre of Gravity Apparatus	Standard Quality/Brand	5		
16	China Dish (4")	Standard Quality/Brand	10		
17	Circuit board assembly with torch bulbs (1.5v)	Standard Quality/Brand	1		
18	Circuit of Electric Bell	Standard Quality/Brand	2		
19	Clinical Thermometer	Standard Quality/Brand	5		
20	Clinical Thermometer (30 cm)	Standard Quality/Brand	5		
21	Concave Lens	Standard Quality/Brand	20		
22	Concave Mirror (Vacuum Type)	Standard Quality/Brand	20		
23	Conical flask (250ml)	Standard Quality/Brand	10		
24	Convex Lens	Standard Quality/Brand	20		
25	Convex Mirror (Vacuum Type)	Standard Quality/Brand	20		
26	Copper Wire	Standard Quality/Brand	5		
27	Cork (Cork, natural dark, tapered glass stoppers.)	Standard Quality/Brand	50		
28	Crocodile Clips	Standard Quality/Brand	20		
29	Daniel Cell	Standard Quality/Brand	2		
30	Digital Hygrometer with Temperature	Standard Quality/Brand	1		
31	Disposable Syringes with needles	Standard Quality/Brand	50		
32	Distilling Flasks (100ml)	Standard Quality/Brand	10		
33	Distilling Flasks (250ml)	Standard Quality/Brand	10		
34	Distilling Flasks (500ml)	Standard Quality/Brand	10		
35	Ebonite Rod	Standard Quality/Brand	5		
36	Electric Balance (0-01- 600 gm)	Standard Quality/Brand	1		
37	Electric Circuits	Standard Quality/Brand	5		
38	Electronic Stopwatch	Standard Quality/Brand	10		
39	Evaporating Basin (500ml)	Standard Quality/Brand	10		
40	Ferrite Magnet	Standard Quality/Brand	20		



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41	Filter Funnels (Borosil)	Standard Quality/Brand	20		
42	Filter Funnels (Plastic)	Standard Quality/Brand	20		
43	Flask tong	Standard Quality/Brand	20		
44	Flat Bottom Flask (100ml)	Standard Quality/Brand	10		
45	Flat Bottom Flask (250ml)	Standard Quality/Brand	10		
46	Flat Bottom Flask (500ml)	Standard Quality/Brand	10		
47	Forceps	Standard Quality/Brand	10		
48	Funnel Stand (Wooden)	Standard Quality/Brand	20		
49	G- Clamp	Standard Quality/Brand	10		
50	Galvanometer	Standard Quality/Brand	5		
51	Ganong's Light screen	Standard Quality/Brand	5		
52	Ganong's Potometer	Standard Quality/Brand	5		
53	Gas Jar/ Gas Tumbler	Standard Quality/Brand	5		
54	General Purpose Scissors	Standard Quality/Brand	5		
55	Glass Block (Rectangular)	Standard Quality/Brand	20		
56	Glass Dropper (With rubber teat)	Standard Quality/Brand	20		
57	Glass Plates	Standard Quality/Brand	20		
58	Glass Rod	Standard Quality/Brand	20		
59	Gyroscope	Standard Quality/Brand	2		
60	Hand Lens (100mm)	Standard Quality/Brand	10		
61	Herbarium Press	Standard Quality/Brand	3		
62	Hydrometer	Standard Quality/Brand	5		
63	Ignition tube	Standard Quality/Brand	50		
64	Laboratory Spatula	Standard Quality/Brand	30		
65	Lactometers (In a Plastic Container)	Standard Quality/Brand	10		
66	LED (Light emitting diode) 5mm	Standard Quality/Brand	100		
67	Lens Cleaning Tissue	Standard Quality/Brand	5		



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68	Litmus Paper	Standard Quality/Brand	100		
69	Magnet Horse Shoe	Standard Quality/Brand	10		
70	Maximum Minimum Thermometers	Standard Quality/Brand	5		
71	Measuring cylinder (100ml)	Standard Quality/Brand	5		
72	Measuring cylinder (10ml)	Standard Quality/Brand	5		
73	Measuring cylinder (25ml)	Standard Quality/Brand	5		
74	Measuring cylinder (50ml)	Standard Quality/Brand	5		
75	Meiosis Prepared Slides	Standard Quality/Brand	1		
76	Meter Ruler	Standard Quality/Brand	5		
77	Microscope Slides	Standard Quality/Brand	20		
78	Mitosis Prepared Slides	Standard Quality/Brand	1		
79	Navigation Compass	Standard Quality/Brand	10		
80	Newton Disc with seven colours	Standard Quality/Brand	5		
81	Pendulum Bobs (18mm)	Standard Quality/Brand	1		
82	Periscope (Wooden)	Standard Quality/Brand	5		
83	pH Indicator Paper	Standard Quality/Brand	100		
84	Pin Entomological	Standard Quality/Brand	2		
85	Pipette (5ml)	Standard Quality/Brand	10		
86	Pipettes (10ml)	Standard Quality/Brand	10		
87	Plane Mirror	Standard Quality/Brand	10		
88	Polyester cloth (150x150 mm)	Standard Quality/Brand	5		
89	Prism	Standard Quality/Brand	20		
90	Pulleys Aluminium	Standard Quality/Brand	10		
91	Pulleys with frame	Standard Quality/Brand	5		
92	Rain Gauge with Plastic Measuring Cylinder	Standard Quality/Brand	1		
93	Reagent Bottles (250 ml)	Standard Quality/Brand	50		
94	Respiroscope	Standard Quality/Brand	5		



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95	Rheostat (Continuous Constantine Type)	Standard Quality/Brand	5		
96	Rheostat (Nichrome Type)	Standard Quality/Brand	5		
97	Rubber Corks (With Two Holes) (Different stand sizes) (These corks are specifically designed for test tubes, 24 mm boiling tubes & 250 ml flask.)	Standard Quality/Brand	50		
98	Semi Circular Block Glass	Standard Quality/Brand	5		
99	Separating Funnel (500 ml)	Standard Quality/Brand	5		
100	Slinky	Standard Quality/Brand	5		
101	Small organisms Prepared Slides	Standard Quality/Brand	1		
102	Sphygmomanometer	Standard Quality/Brand	5		
103	Spring Balance (Tubular Transparent)	Standard Quality/Brand	5		
104	Stirring Rod Glass	Standard Quality/Brand	50		
105	Sun dial	Standard Quality/Brand	5		
106	Test Tube Brush	Standard Quality/Brand	10		
107	Test Tube Holder	Standard Quality/Brand	20		
108	Test Tube Stand	Standard Quality/Brand	20		
109	Test Tubes Borosilicate (8ml)	Standard Quality/Brand	100 0		
110	Thermometer	Standard Quality/Brand	5		
111	Titration flask (100ml)	Standard Quality/Brand	10		
112	Titration flask (250ml)	Standard Quality/Brand	10		
113	Titration flask (500ml)	Standard Quality/Brand	10		
114	Tong	Standard Quality/Brand	10		
115	Tripod stand	Standard Quality/Brand	20		
116	Tubing (Material: polypropylene Tubing connector)	Standard Quality/Brand	100		
117	Tweezer	Standard Quality/Brand	20		
118	Vernier Caliper	Standard Quality/Brand	5		
119	Voltmeter Dual Range	Standard Quality/Brand	10		



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120	Watch Glass (Watch glass, 15 cm dia. in number)	Standard Quality/Brand	100		
121	Water Bath	Standard Quality/Brand	1		
122	Whatman Filter Paper	Standard Quality/Brand	5		
123	Whole insect slides	Standard Quality/Brand	1		
124	Wire Gauze	Standard Quality/Brand	50		
125	Woolen cloth (150x150 mm)	Standard Quality/Brand	5		
Total Basic Amount (INR)					
GST @%					
Total amount inclusive of GST (INR) (Part ,B")					

SL.NO.	PARTICULARS	MAE/BRAND	QUANTITY	Unit Cost (INR)	Unit Cost (INR)
Charts					
1	Anatomy of leaf chart	Standard Quality/Brand	4		
2	Animal Cell Chart	Standard Quality/Brand	4		
3	Bacterial cell chart	Standard Quality/Brand	4		
4	Carbon cycle chart	Standard Quality/Brand	4		
5	Deficiency Chart	Standard Quality/Brand	4		
6	HIV Chart	Standard Quality/Brand	4		
7	Human Blood circulatory system chart	Standard Quality/Brand	4		
8	Human Body Chart	Standard Quality/Brand	4		
9	Human Digestive system charts	Standard Quality/Brand	4		
10	Human Excretory system chart	Standard Quality/Brand	4		
11	Human Heart chart	Standard Quality/Brand	4		
12	Human Nervous system chart	Standard Quality/Brand	4		
13	Human Reproductive system charts (Female)	Standard Quality/Brand	4		
14	Human Reproductive system charts (Male)	Standard Quality/Brand	4		
15	Human Respiratory system chart	Standard Quality/Brand	4		



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16	Monarch Butterfly Life Cycle Chart	Standard Quality/Brand	4		
17	Nitrogen cycle chart	Standard Quality/Brand	4		
18	Periodic Table Chart	Standard Quality/Brand	4		
19	Phosphorus cycle chart	Standard Quality/Brand	4		
20	Plant Cell chart	Standard Quality/Brand	4		
21	Science Laboratory Technique Chart	Standard Quality/Brand	4		
22	Sulphur cycle chart	Standard Quality/Brand	4		
23	Water cycle chart	Standard Quality/Brand	4		
Total Basic Amount (INR)					
GST @%					
Total amount inclusive of GST (INR) (Part ,C")					

SL.NO.	PARTICULARS	MAE/BRAND	QUANTITY	Unit Cost (INR)	Total Cost (INR)
Models					
1	Animal Meiosis Model	Standard Quality/Brand	1		
2	Animal Mitosis Model	Standard Quality/Brand	1		
3	Atomic Model (120 balls)	Standard Quality/Brand	1		
4	Dicot Root T. S. Model	Standard Quality/Brand	1		
5	DNA structure Model	Standard Quality/Brand	1		
6	Dynamo (AC/DC)- Motor working model	Standard Quality/Brand	1		
7	Ear Model	Standard Quality/Brand	1		
8	Electric Motor Model Workable	Standard Quality/Brand	1		
9	Endocrine System Model	Standard Quality/Brand	1		
10	Eye Model	Standard Quality/Brand	1		
11	Germination Model	Standard Quality/Brand	1		
12	Human Brain Model	Standard Quality/Brand	1		
13	Human Kidney Model	Standard Quality/Brand	1		



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14	Human Liver Model	Standard Quality/Brand	1		
15	Human Lungs Model	Standard Quality/Brand	1		
16	Human Respiratory System Model	Standard Quality/Brand	1		
17	Human Skeleton Model with Stand	Standard Quality/Brand	1		
18	Human Skin Model	Standard Quality/Brand	1		
19	Human Skull Model	Standard Quality/Brand	1		
20	Human Teeth Model	Standard Quality/Brand	1		
21	Human Torso Model (Life Size)	Standard Quality/Brand	1		
22	Molecular Model	Standard Quality/Brand	1		
23	RNA Model	Standard Quality/Brand	1		
24	Solar system Model	Standard Quality/Brand	1		
25	Typical Flower L.S. Model	Standard Quality/Brand	1		
Total Basic Amount (INR)					
GST @%					
Total amount inclusive of GST (INR) (Part ,D")					

Amount total for Annexure ,F" (A+B+C+D) in words (.....)

Note:

1. No overwriting or use of whitener is permitted. If done then it will be summarily rejected.
2. No extra payment shall be made up and above of the quoted total price.
3. University has DSIR Certificate hence GST rate shall be 5% and requisite certificate(s) shall be provided accordingly against Proforma Invoice, if once Purchase Order issues in this regard.

Date:

Signature _____

Name:



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Undertaking

Name of the work : _____

Tender No. : _____

We confirm that we have quoted the rates in the tender considering Inter-alia the

1. Tender Document(s) with all Annexures, Scope of Vendor
2. Additional Document(s), if any
3. BOQ Document (Price Bid Format)
4. Corrigendum, if any
5. Pre Bid Meeting Minutes, if any

We, _____ (Name of the Tenderer) hereby certify that we have fully read and thoroughly understood the tender requirements and accept all Terms and Conditions of the tender including all corrigendum/addendum issued, if any. Our offer is in confirmation to all the terms and conditions of the tender including all corrigendum/addendum, if any and minutes of the pre-bid meeting. In the event, our offer is found acceptable and contract is awarded to us, the complete tender document shall be considered for constitution of Contract Agreement.

Signed for and on behalf of Tenderer(s)

Name of Tenderer(s)

Date : __/__/____

Place :

Seal & Signature of Tenderer

Note :

This declaration should be signed by the Tenderer's authorized representative on COMPANY LETTERHEAD who is signing the Bid and to be submitted with tender.