



INTEGRATED TRIBEL DEVELOPMENT AGENCY, TILEIBANI.

Bidding Document: Not transferable.

Name of the Tender

Tender for "Supply table withfitting, fixing of all materials for Biology, Physics and Chemistry Science Laboratoryalong with other amenities"

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IMPORTANT DATES	
DATE OF COMMENCEMENT OF THE BID	10.06.2025
LAST DATE/TIME FOR SUBMISSION OF BID	17.06.2025 at 5.00 PM
DATE OF OPENING OF TECHNICAL BID DOCUMENT	18.06.2025, at 11.00A.M
DATE & TIME OF OPENING OF THE FINANCIAL BID	18.06.2025, at 11.00A.M
ADDRESS FOR COMMUNICATION AND RECEIPT OF BID DOCUMENTS	Project Administrator, ITDA, Tileibani At- Old Collectorate Campus . Po/Dist- Deogarh. Pin-768108

INTEGRATED TRIBEL DEVELOPMENT AGENCY, TILEIBANI.

TENDER CALL NOTICE No: 374 DATE: 09.06.2025

INVITATION FOR BIDS (IFB)

Sealed Bids in two separate covers (Technical bid and Price bid) super scribing Cover "A" (Technical Bid) & Cover "B" (Financial Bid) and both the sealed covers should be put into a third outer Cover, which should be super scribed as "BIDS FOR SUPPLY TABLE WITH FITTING, FIXING OF ALL MATERIALS FOR BIOLOGY, PHYSICS AND CHEMISTRY SCIENCE LABORATORY along with other amenities" are invited by PA, ITDA, Tileibani for EMRS, Kalamati of Deogarh District.

The Bidders are required to download the Bid Document directly from district website available i.e. <https://deogarh.odisha.gov.in> and to submit the Bid cost in the technical bid as mentioned in TCN by way of separate Demand Draft drawn in favour of PA, ITDA, Tileibani. The Bidders should specifically super-scribe. "Downloaded Document from the WEBSITE" and must mention "Tender Call Notice Number" on the top left corner of the outer envelope containing Technical Bid and Price Bid separately. In case of any bid amendment and clarification, responsibility lies with the bidders to collect the same from the web site before last date of submission of bid and the PA, ITDA, Tileibani shall have no responsibility for any delay/omission on part of the bidders.

Tender Paper Cost: Rs. 6,000/- (Non-refundable) in shape of demand draft in favour of "Project Administrator, ITDA, Tileibani Payable at Deogarh.

EMD Cost: Rs. 20,000/- in shape of TD /FD/NSC duly pledged in favour of Project Administrator, ITDA, Tileibani


09.06.25
Project Administrator,
ITDA, Tileibani
Project Administrator
I.T.D.A., Tileibani

INTEGRATED TRIBEL DEVELOPMENT AGENCY, TILEIBANI.

No. 374

Date: 09.06.2025

TENDER CALL NOTICE

The PA, ITDA, Tileibani invites sealed bids from the experienced MSMEs/ Distributors/ Dealers/ Authorized Vendors of any Branded Company having valid GST registration and PAN for **Supply table with fitting, fixing of all materials for Biology, Physics and Chemistry Science Laboratory along with other amenities** to EMRS, Kalamati of Deogarh District. The list of the items along with terms and conditions of Supply is available in the website of District <https://deogarh.odisha.gov.in> any corrigendum/ addendum/ modifications will appear in above website only and the responsibility lies with the bidders to download the same before last date of submission of bids.


09.06.25
Project Administrator,
ITDA, Tileibani
Project Administrator
I.T.D.A., Tileibani

Instruction to Bidders.

1. Name of the Works:-SUPPLY TABLE WITHFITTING, FIXING OF ALL MATERIALS FOR BIOLOGY, PHYSICS AND CHEMISTRY SCIENCE LABORATORYALONG WITH OTHER AMENITIES

2. Supplier/Dealer:

A written letter from the Manufacture/Dealers/Supplier/Agent for an article promising to repair or replace the items, if necessary, within the specified period of time.

3. ELIGIBILITY CRITERIA: -

3.1 Legal Entity:Proprietorship/Partnership/Private Limited/Cooperative Society. The Manufacture/dealers/supplier/Agent for items not manufactured by them can also participate in the bidding system. If the dealers/supplier/Agent certified documentary evidence to this effect is to be attached along with the quotation/bid. This is necessary to ensure quotation/bid from responsible party offering genuine product, also backed by warranty obligation from the concerned manufacture.

3.2 Manufacturer License/ DIC Registration Certificate/Udyam Registration Certificate. The bidder should submit copy of the dealership/ Distributorship certificate.

3.3 The bidder should be an Authorized Partner of OEM. The bidder should submit Bid Specific OEM Authorization Letter in the OEM Letter head in the name of bidder.

3.4 The firm must have valid GST/GSTIN.

3.5 The firm must have valid income tax PAN.

3.6 The product must confirm to minimum technical requirement/ standards.

3.7 Photocopy of Income Tax Clearance Certificate for last three years.

3.8 The bidder should have minimum average annual turnover of **Rs.50.00Lakhs** in last (three) 3 audited financial years (FY: 202-23, 2023-24, 2024-25). Copies of last 3 years audited balance Sheet with a CA Certificate with UDIN to be submitted.

3.9 Demand Draft of Rs. 6,000 /- (Non-Refundable) - as proof of cost of Tender Paper.

3.10 EMD of Rs. 20,000/- in shape TD/FD/NSC duly pledged in favour of PA, ITDA, Tileibani.

3.11 Undertaking the capacity to deliver at EMRS, Kalamati in the Deogarh District.

3.12 Undertaking for no blacklisting: Applicant should not be blacklisted by any Govt. entity or by any other organization, not have any legal proceedings within a period of three years preceding the commencement of the procurement process, or not have been otherwise disqualified pursuant to debarment proceedings.The applicant has to submit a undertaking in this regard.

3.13 **Catalogue:** The bidder has to submit the catalogue of the items applied for.

3.14 All documents are to be self-attested.

3.15 The bidder must have minimum two contract of **Supply of table withfitting, fixing of all materials for Biology, Physics and Chemistry Science Laboratory along with other amenities**to any school running under ST & SC Development Department, Odisha in any one of years from 2020to 2024-25andshouldprovidecopyof workorderofthe sameinTech/CommercialBid.

The bidder failing to comply with the above will summarily be rejected.

4. SCOPE OF THE WORK:

The items will be delivered at EMRS, Kalamati in Deogarh district as perspecification. An undertaking in this regard will be submitted in **Annexure-C**.

GENERAL TERMS & CONDITIONS

1. The bidder should be from the experienced MSMEs /Distributors /Dealers /Authorized 4 Vendors of any Branded Company. The bidders must have valid GST and PAN Certificate which should be enclosed with the bid documents in the technical bid envelope.

2. This tender is two bid systems. The technical Bids along with the required EMD and acceptance of the terms and conditions of the tender and financial bid in the due format should be submitted in two separate envelopes super scribing as “Technical Bid” and “Financial Bid” respectively, which should be kept in an outer envelope super scribing as "Tender for supply table with fitting, fixing of all materials for biology, physics and chemistry science laboratory along with other amenities”. All cuttings and over writings should be duly attested under signature and seal of the company. Conditional bids will not be accepted. The financial bid shall contain only the price bid in Annexure-E and all other documents including the signed and sealed tender document, Copy of Udyog/ Udyam Aadhaar Certificate of MSME, Copy of GST & PAN Registration Certificates, Certificates of incorporation /registration in support of legal entity of the firm, technical literature of the offered items, experience of the bidder as per clause No.2, tender bid cost, EMD, undertaking for non-blacklisted of the firm and any other documents in support of eligibility in the tender if any should be enclosed in the technical bid.

3. **Payment:** No advance payment will be made. Post Delivery Inspection shall be done by the District Level Purchase Committee. Thereafter payment will be made basing on the report of the above-mentioned committee. The Agency is required to submit a triplicate Bill along with material receipted challan including Acknowledgement in triplicate duly signed and sealed.

4. The rate per unit to be quoted in the price bid should be as per the format in **Annexure-E**.

5. Any Corrigendum/Addendum to this bid shall be hoisted in District Website i.e. <https://deogarh.odisha.gov.in> and responsibility lies with the bidders to check the website up to the last date of submission of bids. Any omission on the part of the bidder will not be considered.

6. All the tender documents shall be duly signed & sealed in each page as a token of their unconditional acceptance of terms and conditions of tender.

7. **Disclaimer:** This Document includes statements, which reflect various assumptions, which may or may not be correct to full accuracy. Each Bidder should conduct its own estimation and analysis and should check the exact specification, accuracy, reliability, and completeness of the information in this Document and obtain independent advice from appropriate sources in their own interest.

8. This document and the information contained herein are Strictly Confidential and are for use of only the person (s) to whom it is issued/ downloaded from the website. It may not be copied or distributed by the recipient to third parties (other than in confidence to the recipient’s professional advisors).

9. Cost of Bidding: The Bidder shall bear all costs associated with the preparation and submission of its Bid and P.A., ITDA, Tileibaniwill in no case be responsible or liable for those costs.

The Bidder is expected to examine the Bidding Documents, including all Instructions, Forms, Terms and Specifications. Failure to furnish all information required in the Bidding documents or submission of a Bid not substantially responsive to the Bidding Documents in every respect will /may result in the rejection of the Bid.

10. Amendment of Bidding Documents: At any time prior to the deadline for submission of Bids, the PA, ITDA, Tileibanimag, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the Bidding Documents by way of issuing a corrigendum/addendum as per Clause No. 5 of General Terms & Conditions. In order to afford prospective Bidders reasonable time in which to take the amendment into account in preparing of their Bids, the Owner may, at its discretion, extend the deadline for the submission of Bids.

11. Mode of Submission of Bid:The bids must be submitted in double cover system. The technical bid and Financial/ Price bid are to be placed in two separate envelopes super scribed “**Technical Bid/ Financial Bid**” and then putting them in a single cover super scribing name of work i.e. Supply table with fitting, fixing of all materials for biology, physics and chemistry science laboratory by registered or speed post or through couriers only. The bidder must ensure that the bids are submitted to the appropriate authority as specified place, date and time indicated in the Tender notice/ bid documents. The bidders are required to provide their phone numbers & email Id for necessary communication. Bidders shall not be permitted to alter or modify their bid after expiry of deadline for receipt of bid. All the bid documents shall be self-attested in all pages failing which the bid will be rejected. All the documents submitted mentioned in the Check List (At **Annexure-J**). The bids received after scheduled date and time due to any reason including postal delay will not be considered.

12. Modification and Withdrawal of Bids: Any corrigendum / addendum / modifications will only appear in District website <https://deogarh.odisha.gov.in> Interested bidders may visit the website <https://deogarh.odisha.gov.in> for detail enquiry.

13. Bid Price: Bidders have to quote for the items of supply covered under this specification strictly. The total Bid Price shall also cover all the Bidder's obligations mentioned in or reasonably to be inferred from the Bidding Documents in respect of Supply, testing, inspection, Transportation to the consignee point, all in accordance with the requirement of Tender Documents. The Bidder shall complete the appropriate Price Schedules enclosed format stating the Taxable value for each item including inspection, packing & forwarding, Transportation & insurance, loading & unloading charges, GST.

In case there is any increase or decrease in the quantity of the item as compared to those mentioned in the IFB, the contract price shall be subject to increase/ decrease proportionately on pro rata basis. In case of repeat order of the purchaser, the lowest price shall prevail up to 1 year from the date of opening of price bid. Prices quoted by the Bidder shall be “Firm” during the financial year 2025-26 and not subject to any price adjustment during the performance of the Contract. A Bid submitted with variable Price or an adjustable price clause shall be treated as non-responsive and rejected out rightly.

14. Procedure for Opening the Bids:

- a. The Technical bid will be opened first.
- b. After completion of Technical the financial bid will be opened.
- c. If due to any reason the due date is declared as a holiday the bid will be open on next working date at the same time & venue.
- d. The bid will be opened in the presence of the bidders or their authorized representatives. The authority will not be responsible if the bidder is not present.

15. Technical Evaluation: The technical evaluation shall be made of such bids who will be qualified as per the criteria laid down in general terms and conditions of the bid. The technical evaluation shall be made by the Tender Committee of P.A., ITDA, Tileibani.

16. Earnest Money Deposit (EMD): The Bidders are required to submit an EMD amounting to Rs. 20,000/- (Rupees TwentyThousand) only in the form of FD/TDR/NSCPledge in favour of “P.A., ITDA, Tileibani”. Any tender without demand draft for EMD will be DISQUALIFIED and shall be REJECTED and the price bid will not be considered for next stage of evaluation.

Photocopies of the above instruments will not be accepted. The earnest money of unsuccessful bidders will be returned after finalization of the tender and that of successful bidder will be returned after awarding the contract and submission of performance security by him within thirty (30) days on receipt of written request from the Bidders. The earnest money will bear no interest. The EMD is to be submitted along with the Technical Bid. Bid without EMD shall be disqualified and summarily rejected.

17. Forfeiture of EMD: The EMD will be forfeited in case any bidder with draw the bids after opening of the bids and in case the successful bidder is unable to furnish the performance security within 7 days of receiving the Purchase Order.

18. Validity: The offer shall be valid for a period 1 year from the date of bid opening of the Technical Bid.

19. Alternative Bids: Bidders shall submit Bids, which comply with the Tender Documents. **Alternative bids shall not be considered for evaluation.**

20. Paying Officer: Payment will be released by P.A., ITDA, Tileibaniafter receiving the bills. The payment shall be made in INR through NEFT/ RTGS etc. Deduction of Income Tax, Service Tax, etc. at source from Payments to Suppliers.This will be done as per the existing law in force during the currency of the contract.

21. Materials: All products shall be supplied by the bidders as per the technical specification provided at **Annexure-B**.

22. Evaluation of Catalogue:Bidder must have to submit catalogue of the product to the indenting authority on the date of opening of bid.

23. The bids not accompanied with the bid paper cost of Rs.6000/- in shape of DD along with EMD Rs.20,000/- (in shape of TDR/FD/NSC) drawn in favour of PROJECT ADMINISTRATOR, ITDA, TILEIBANI and the bid will be rejected.

24. This office reserves the right to increase or decrease the actual quantity of any item of requirement. The Successful Bidder shall have to supply the items or execute the work within 15 days after issue of award letter at the lowest rate.

25. **Consignees:** The materials are to be delivered at EMRS, Kalamati of Deogarh District at the cost of the bidder.

26. **Quality of Product:** If any item/ product is not found to the required specification or in damage/ breakage condition by "Consignee/ Any authorized Representative of the Consignee", the bidder shall have to rectify/ replace the same without any extra financial cost.

27. **Accident:** The bidder shall be responsible for any accident during execution of the work for the work order for which he has to arrange workmen's compensation insurance.

28. **Insurance:** The bidder shall be responsible for any cost of the insurance.

29. **Warranty:** The items should be guaranteed for trouble free operation and submit the certificate of warranty period of the supplied products shall be for a **period of 5 (four) years** from the date of final acceptance of goods at consignee location. The repair and maintenance including replacement of defective accessories of the system during the warranty period shall be done by the bidder at his own cost.

30. **Service And Support:** Bidder/OEM must have a functional Service center in the state of Odisha to provide customer service within 48 hours to schools.

31. **Completion Period:** The agency has to supply all the items within 15 days after the issue of award letter. If any deduction of payment will be made by the indenter towards late delivery beyond the stipulated period, same shall be deducted from your payment.

32. **Escalation:** No escalation clause except the admissible tax component under the period of consideration shall be accepted.

33. **Liquidated Damages:** In case the supplier fails to complete the work within the stipulated period the liquidated damage maximum up to 10 percent shall be recovered over the left-over work.

34. **Arbitration:** The purchaser and the supplier should try to resolve the disputes, if any, arising out of the contract, amicably between themselves, failing which the same shall be referred to the P.A., ITDA, Tileibani for adjudication as the sole Arbitrator under the provisions of the Arbitration and Conciliation Act, 1996 whose decision will be final and binding on all the parties to the dispute.

35. **Legal dispute:** The contract shall be interpreted in accordance with the laws of the Union of India within appropriate courts at Deogarh Jurisdiction only.

36. Authority reserves the right to accept or reject any or all tenders and cancel the tender process without assigning any reasons thereof.


09.06.25
Project Administrator
ITDA, Tileibani
Project Administrator
I.T.D.A., Tileibani

APPLICATION FORM FOR BIDDING

(Details of the Applicant /Bidder)

1. Name of the Registered bidder:-
2. Name of the authorized person:-
3. Address:-
4. Contact number:-
6. Email id:-
5. PAN Number (copy enclosed):-
6. GST Number (copy enclosed):-
7. GST Clearance certificate no with date:-
8. Cost of tender paper details:-
DD No- _____ / Bank _____ /amount Rs 6000.00 /date _____
9. EMD Details: – DD No- _____ / Bank _____ /amount Rs 20,000 / date _____
10. Enclosed: -
 - i) Xerox copy of PAN Card
 - ii) Xerox copy of GST Registration along with up-to-date return Certificate
 - iii) Photocopy of the OEM Authorization Certificate in the OEM Letter head
 - iv) Draft for cost of Tender paper/EMD
 - v) Copy of Income Tax Clearance Certificate for last three years.
 - vi) Dealer /Distributor certificate
 - vii) Self undertaking not black listed at any where
 - viii) Copy of Turnover certificate of bidder along with last 3 years audited balance Sheet with a CA Certificate with UDIN
 - ix) Undertaking the capacity to deliver at school point
 - x) All other documents should be self-attested.

I hereby declare that the above statements are true and correct to the best of my knowledge and belief.

Place

Date

Seal & signature of the vendor

TECHNICAL SPECIFICATION.**PHYSICS LABORATORY**

SL No.	Item Name	Specification	Nos. of item to be procured
	Ammetersdifferentrange		10
	Batteryeliminator		10
	Daniell cell		8
	Drawingboard		30
	FrictionapparatusCompleteset withweightbox		8
	Galvanometer		10
	Parallelogramapparatus		10
	Keyone way		20
	Jockeypenciltype		10
	Two-waykey		8
	Laclanchecell		8
	Meterbridge		8
	Multimeterdigital		4
	Multimetermanual		4
	Magneticcompass		10
	Opticalbench (1meterLong)		10
	Prism(Indianglass)		30
	Potentiometer		8
	Plier		5
	Cutter		5
	Screwdriver		5
	Scissor		5

Resistancebox (different range 0.1 to 10 ohm) <ul style="list-style-type: none"> • 1to10ohms • 1to100ohms • 1to1000ohms 1to100000ohms		5each
Drycell 10g(chargeable)		10
Drycellcharger		8
Helicalspringapparatus withweights		8
Rheostat		10
Resistancecoildifferent range(1-5ohms)		20
Resonanceapparatus		8
Spherometer		05
Screwgauge		20
Woodenscale (1-50cm,1-100cm)		10each
Sonometer		8
Spritlevel		4
Thermometer		10
Tuningfork(250 Hz, 480Hzand512 Hz) with pad		5each
Verniercalliper		20
Voltmeter (different range)		20
Beakers (250ml)(500ml)		10 10
Connectingwires		1Kg
Chartsfordisplay (bio visuals)		20
Portraits(asperchoice)		20
Concavemirror		10

	Convexmirror		10
	Convexlens		10
	Concavelens		10
	Wedgeknifeedge (for sonometer)		10
	Glassslab		30
	Pendulumbox		20
	Corkrubber 1.5inches		20
	Hangerweights 500gm		8set
	Insulatedcopperwire		500gm
	Metertape (1-100meter)		4roll
	Solderingiron		4
	Spring balance (0-250 gm)		10
	U-shapedmagnet		5
	Copper calorimeter		2
	Epidiascope		2
	Newton'sDisc		2
	Telescope		2
	Camera		2
	Barometertube		2
	Lactometer		2
	Stove(Oil)		2
	Electricbell		2
	ProofPlane		2
	Binoculars		2

	Soldering rods		2
	P-N junction diodes setup		4
	Pendulums		2
	Spring balances		4
	Friction Blocks		2
	Heat transfer apparatus		5
	Calorimeters		5
	Thermal conductivity apparatus		4
	Capacitor		4
	Transformer		1
	Logic gate		2
	Laser sources		10
	Sounds level meters		5
	Resonance tubes		5
	Speakers		10
	Microphone		10
	Safety goggles		50
	Gloves		50(pairs)
	Vacuum pumps		2
	Stopwatches		10
	DRV Cell		2
	Battery		10
	Boyles Law Apparature		1
	Chemical weight box		1

	Chemical Balance		1
	Carbon rod		4
	Compass		4
	Copper Plate		2
	Copper Sulphate		1
	Copper Calorimeter		1
	Daniell Cell		5
	Drawing Board		1
	Drawing Pen		2
	OHM'S law app with power supply		2
	Rheostat low power		1
	Rheostat high power		1
	Resistance wire		4
	Resistance box		5
	Screw driver		5
	Triangular file		5
	Jink rod		10
	Electro Magnet		5
	Rectangular glass slab		4
	Lens holder		4
	Rubber pad		5
	Bar magnet		5
	Optical Needle		5
	Laboratory experimental Table Made of SS Frame, 16 Gauge, base & upper part is Board Granite plate. Each		4

	table Consist of 4 Electric Socket with 4 on off Switch- (Brand Anchor). Size- 5 x4x3 (L x B x H)		
	Electric line work for Each Experiment table		1
	Student Stool is made of Stainless Steel With PU cushion Backrest Seat Metal Bar Stool . H x L x B- 24"x16"x12".		16
	Teacher's Chair made by Stainless Steel Chair with Arms ,24"x20"x20"		1
	Teacher's Table, stainles steel And& Top part is Granite top Including Two Site Draw and Cupboard. Size- 5x3x2.5		1
	Steel Almirah, Mild Steel Instrument Cabinet with Double Glass Door and Key Lock, 6x3x2.5		1
	Steel Almirah, Mild Steel Instrument Cabinet with Double Door and Key Lock, 6x3x2.5		1
	Photo of Eienstein		1
	Photo of Newton		1
	Photo of C.V Raman		1
	Photo of Nicolos Tesla		1
	Photo of Hommie J. Bhava		1
	Photo of Michel Faraday		1
	Electric Connection for each table		

CHEMISTRY LABORATORY

SL No.	Item Name	Specification	Nos. of item to be procured
	Chemistry Department Exp Table, Laboratory experimental Table Consist of Granite top base & Other body is stainless Steel, Including 8 nos Cupboard both Side, Wash Basin, Gas Line, Water Line including West water line. Size- 6 x3x3 (L x B x H).		4
	Laboratory Table Rack made up MS		8
	Gas Line Work, Made By MS Pipe, Enter room wiring, 15 nos of Valve, 12 Bunsen Burner, Connector, Safety Valve (Brass)		1
	Student Stool is made of Stainless Steel With PU cushion Backrest Seat Metal Bar Stool . H x L x B- 24"x16"x12".		16
	Teacher's Chair made by Stainless Steel Chair with Arms ,24"x20"x20"		1
	Teacher's Table, stainless steel And Top part is Granite Including Two Side Draw and Cupboard. Size- 5x3x2.5		1
	Water Line and Drainage work		1
	MS Rack for Chemicals, 6x6x2,		1
	Steel Almira, Mild Steel Instrument Cabinet with Double Glass Door and Key Lock, 6x3x2.5		1
	Chemistry Lab Safety Board 3x2		2
	Photo of Marie Curie		1
	Photo of Dmitri Mendeleev		1
	Photo of Antoine Lavoisier		1
	Photo of Robert Boyle		1

	Photo of Venkatraman Ramakrishna		1
	Photo of Michel Faraday		1
	MS Rack for Laboratory		1
	Laboratory Refrigerator (200 Liter)		1
	Hand Gloves		35
	Eye Goggles		35
	Periodic table chart		1
	Balance		2
	Blow pipe		10
	Burette		10
	Test tubes		60
	Test tube stand		12
	Test tube brush		30
	Cork borer		20
	Cork presser		20
	Crucible tongs		20
	Charcoal slab borer		20
	Crucible(silica)		20
	Drying cones		20
	Funnel stand /filter stand		15
	Distillation apparatus		15
	Pinch cork		10
	Retort stand with ring and clamp		15
	Round file		10
	Sand bath		5
	Spirit lamp		10
	Beakers 100ml		30
	Beakers 250ml		30

	Beakers 500ml		30
	Burettes 25ml		30
	Burettes 50ml		30
	Pipettes 1ml		10
	Pipettes 5ml		10
	Pipettes 10ml		10
	Pipettes 25ml		10
	volumetric pipettes 1ml		10
	Volumetric pipettes 5ml		10
	Volumetric pipettes 10ml		10
	Volumetric pipettes 25ml		10
	Round bottom flask 100ml		30
	Round bottom flask 250ml		30
	Round bottom flask 500ml		20
	Round bottom flask 1000ml		10
	Glass rod		20
	Glass tubing		10
	Glass funnels		15
	Glass stoppers		20
	Watch glasses		20
	Tripod stand		20
	Tripod		20
	Bunsen burner		12
	Freezers		1
	Filter paper		10(pkt)
	Conical flask 100ml		30
	Conical flask 250ml		20
	Conical flask 500ml		15

	Volumetric flask 100ml		20
	Volumetric flask 250ml		20
	Volumetric flask 500ml		20
	Deflagrating spoon		20
	Stoves		3
	Test tube holder		20
	Burette stand		12
	Dropper glass 150mm		10
	Dropper		20
	Wire gauge		40pc
	Spatula		60pc
	Plain white labels(2/1)		6pkt
	Hydro chloric acid(HCl)		5ltr
	Sulphuric acid(H ₂ SO ₄)		5ltr
	Nitric acid(hno ₃)		5lt
	Ethanol		3lt
	Sodium sulfite(na ₂ so ₃)		1kg
	Picric acid		250gm
	Borax		500gm
	Cobalt glass		2pc
	Aluminium metal		250gm
	Laboratory thermometer		30pc
	Trough (tin) small,medium and large		6
	Weight boxes		2
	Triangular clay pipes		10
	China dish		20
	Dessicator		3
	Gas jar dises		5

	Funnel		12
	Measuring flask		10
	Thistle funnel		6
	Woulfes apparatus		2
	Kipps apparatus		1
	Ammonium carbonate		2kg
	Ammonium chloride		2kg
	Ammonium sulfate		2kg
	Ammonium bromide		1kg
	Aluminum sulfate		1kg
	Iron sticks		2kg
	Potassium permagnet		500gm
	Ammonium oxalate		1kg
	Sodium thiosulphate		1kg
	Zinc sulfate		2kg
	Cobalt nitrate		2kg
	Sodium hydroxide		1kg
	Copper sulfate		2kg
	Potassium nitrate		1kg
	Oxalic acid		1kg
	Magnesium sulfate		1kg
	Magnesium chloride		1kg
	Ammonium phosphate		2kg
	Sodium chloride		1kg
	Potassium ferrocyanide ($K_4Fe(CN)_6$)		1kg
	Ferrous sulfate		1kg
	Sodium bromide		1kg
	Ammonium ferrous sulfate		2kg

	Potassium dichromate		1kg
	Barium chloride		1kg
	Strontium nitrate		2kg
	Sodium sulfide (Na ₂ S)		1kg
	Potassium chromate		1kg
	Lead acetate		1kg
	Sodium sulfate		1kg
	Potassium iodide		1kg
	Lead nitrate		2kg
	Cedric ammonium nitrate		200gm
	2,4 DNP		200gm
	Universal indicator		1Lt
	Ammonia solution (NH ₄ OH)		3Lt
	Phenol		2Lt
	Aniline		1Lt
	Bromine water		1Lt
	Acetaldehyde		2Lt
	Acetic acid		2Lt
	Fehling solution(A-B)		2L(each)
	Acetone		2Lt
	Carbon disulfide		1Lt
	Phenolphthalein		250ml
	Nessler's reagent		250ml
	Ammoniummolybdate		500gm
	Nickel carbonate		1kg
	Nickel sulfate		1kg
	Manganese chloride		1kg
	Calcium chloride		2kg

	Sodium bisulphate.		500gm
	Cobalt acetate		1kg
	Chloroform		1Lt
	Reagent Bottle		2
	sodium nitrate		500gm
	starch solution		500ml
	Surgical sprit		1(pkt)
	Schiffs solution		500ml
	Sodium metal		500gm
	Sulphuric powder		500gm
	Water bath		2
	sucrose		100gm
	zinc metal powder		500gm
	X naphthylamine		3
	Proplene glycol		500gm
	acetyl chloride		500ml
	acacia		500
	Benzene		500gm
	Benzoic acid		500ml
	cinnamic acid		500ml
	Distilled water		5 liter
	Calcium hydroxide		500
	Calcium carbonate		500
	Formic acid		500gm
	Iodine solution		500ml
	Red litmus paper		2(pkt)
	Blue litmus paper		2(pkt)
	Ph scale		5

	Methanol		1 ltr
	Red litmus solution		200ml
	Hot air oven		1
	Formaldehyde		500 ml
	Laboratory safety chart		1
	Pipette bulb		12
	Glass jar		30
	Ph Color chart		1
	Mortar and Pestle		12
	Water condenser		2
	Measuring tube 100ml		15
	Measuring tube 250ml		15
	Centrifuge		2
	Forceps		20
	Heat resistant gloves		12 pc
	Laboratory techniques chart		1

BIOLOGY LABORATORY

SL No.	Item Name	Specification	Nos. of item to be procured
	Laboratory experimental Table Made of SS base & upper Board with Granite. Size- 70" x30"x22" (L x B x H).		7
	Teacher's Chair made by Stainless Steel Chair with Arms ,24"x20"x20"		1
	Teacher's Table, Stainless Steel And & Top part is Granite, Including Two Site Draw and Cupboard. Size- 5x3x2.5		1
	Student Stool is made of Stainless Steel With PU cushion Backrest Seat Metal Bar Stool . H x L x B- 24"x16"x12".		21
	Steel Rack for Model,6x6x2,		1
	Steel Almirah, Mild Steel Instrument Cabinet with Double Glass Door and Key Lock, 6x3x2.5		1
	PHYSIOLOGY Chart		1
	ANATOMY Chart		1
	EMBRYOLOGY Chart		1
	GENETICS Chart		1
	Electric connection for each table		
	Beaker 100ml / 250ml/500ml		20
	Chart stand		4
	Conical flask		20
	Digital balance		20
	Dropping bottle		20
	Forceps		40

	Funnel		40
	Glass showcase		1
	Heater		1
	Hot plate		1
	Human skeleton (Artificial)		1
	Leaf clamp apparatus		1
	Measuring cylinder 50ml/100ml/250ml		20
	Micro viewers		8
	Microscope compound		8
	Microscope dissecting		8
	Mortar and pestle		8
	Petri dish		40
	Pipette (graduated 10ml)		40
	Reagent bottle		8
	Skeleton (joints)		1 Set of each joint type
	Slide box		2
	Test tube holders		40
	Test tube stand		40
	Watch glass		40
	Water bath		1
	Wash bottle		20
	White cavity tiles		40
	Pipette stand		1
	All Pins		4 Pkt
	Burette (50ml)		40

	Burette 50 ml		40
	Perforated beaker		250 ml - 20
	Capillary tube		20
	Test tube holders		40
	Tripod Stand		40
	Thermometer		40
	Trough		40
	Wire gauge		40
	Burette Stand		40
	Blade for section cutting		8
	Chart display stand		40
	Enamel Tray		40
	Ph paper		1 packet each of a narrow range and a broad range
	Scissors 4"		40
	Scissors 6"		40
	Scalpel		40
	Staining Rack		40
	Acetic acid		250 ml
	Acetone		250 ml
	Alcohol		500 ml
	Aluminum Sulphate		20 g
	Benedict's solution		100 ml
	Muslin cloth		20 meter (50 cm per tudent)
	Brushes		40
	Matchbox		1 box

	Ammonium solution		250 ml
	Acetocarmine powder		5 ml
	Cavity block		40
	Cavity slide		10
	Cellotape / paper tape		1
	Chromatography paper		2 sheet
	Cobalt chloride		50 g
	Cork		10
	Cotton Roll		1 roll
	Dettol		100 ml
	Dropper		20
	Dusters		5
	Filter paper		5 boxes of 24 pieces each
	Formaldehyde		500 ml
	Glycerine		500 ml
	Grease		100 g
	Boric acid		5 gms
	Monocot stem		10
	Ethanol		50 ml
	Fehling solution A		20 ml
	Fehling solution B		20 ml
	Glucose		20 gms
	Lens cleaning solution		1
	Lens cleaningpaper		1
	Magnesium Sulphate		10 gms
	Onion root tips		5 roottips

	Plain stickers		8
	Robert solution		10 ml
	Sodium Chloride		10 gms
	Sodium Hypobromide		10 ml
	Hydrochloric acid		100 ml
	Detergent		20 gms
	Iodine		100 ml
	Methylene blue		10 ml
	Micro cover slip		8
	Micro glass slides		8
	Million's reagent		100 ml
	Needle		40
	Nitric acid		50 ml
	Petroleum ether		100 ml
	Potassium nitrate		20 gms
	Safranin solution		50 ml
	Bile salts		5 gms
	Soap		1
	Starch		50 g
	Starch iodide paper		1 packet
	Sucrose		100 g
	Test tube - Boiling		20
	Test tube -Ordinary		8
	Test tube Graduated		40
	Toothpicks		5 jars
	Aluminum foil		4 foils

	Barium Chloride		5 gms
	Dicot stem		10
	Urea		10 gms
	Charts		<ul style="list-style-type: none"> • Controlled pollination, and Pedigree charts <ul style="list-style-type: none"> • Roundworm, Earthworm, and Tape worm • Pigeon, Rat, Scoliosis, Starfish, Frog, and lizard camel, and Cockroach • Mendels inheritance , and the life cycle of the mosquito <ul style="list-style-type: none"> • Racemose Inflorescence, Cymose Inflorescence, • Modifications of Roots and stem Posters / portraits of Scientists
	Models		<ul style="list-style-type: none"> • Claws and beaks, forelimbs modifications, Brain, Ear, and Eye • Human Torso model, and Human Skeleton Model <ul style="list-style-type: none"> • Root nodules of leguminous plants Cuscuta on host, lichens, homologous and analogous organs.
	Slide permanent		<ul style="list-style-type: none"> • Asexual reproduction, Plant tissues, Animal tissues • Stages of mitosis, Meiosis, T.S. of the testis, T.S. of ovaries <ul style="list-style-type: none"> • Pollen tube germination, T.S. Blastula Disease-causing agents, Bread mould, Amoeba, Hydra
	Specimens		<ul style="list-style-type: none"> ■ Animal specimen each of non Chordata and Chordata • Only plant specimens which are in the syllabus are:

			<ul style="list-style-type: none"> • Aquatic plants, xerophytic plants, monocot plants, • Dicot plants, moss, liverworts, fern • Stem root and leaf modifications, Plant diseases., mushroom
	Pictures / posters/ Charts		<ul style="list-style-type: none"> • Ascaris, Entamoeba, Plasmodium, any fungus causing ringworm • Bacteria, Oscillatoria, Spirogyra, Rhizopus, mushroom • Yeast, liverwort, moss, fern, pine, one monocotyledonous plant • One dicotyledonous plant and one lichen, Amoeba, • Hydra, liver fluke, Ascaris, leech, earth worm, prawn ■ Male and Female reproductive system ■ Prokaryotic, eukaryotic, plant and animal cell ■ Cell division meiosis and mitosis • Silkworm, honey Bbee, snail, starfish, shark, Rohu, frog, lizard, pigeon and rabbit
	Safranin, methylene blue		2 bottle each
	Glycerin		1 bottle
	Iodine solution		2 bottle each
	7 o'clock, Gillet		1
	Cotton, Napkin		2 packet each
	Cover slip		10 box
	KOH solution		1 bottle

-Sd-

**Project Administrator
ITDA, Tileibani**

Annexure-C

To
Project Administrator,
ITDA, Tileibani

UNDERTAKING FOR SUPPLY TABLE WITH FITTING, FIXING OF ALL MATERIALS
FOR BIOLOGY, PHYSICS AND CHEMISTRY SCIENCE LABORATORY ALONG WITH
OTHER AMENITIES

DEOGARH DISTRICT.

We confirm that we have the capacity to supply the required items to EMRS, Kalamati of Deogarh district as per the requirements in a time frame of 15 days.

For and on behalf of:

Signature (with Seal)

(to be submitted in Rs.20/- non-judicial stamp paper)

ANNEXURE - D

DECLARATION FORM

I _____, S/o _____ having my residence _____, do declare that I / We have carefully read all the terms & conditions of tender of the _____ Odisha for the supply table with fitting, fixing of all materials for biology, physics and chemistry sciencelaboratory. The approved rate will remain valid for a period of one year from the date of approval. I will abide with all the terms & conditions set forth inthe tender paper Reference No. _____ .

I/We do hereby declare that, I/We have not been de-recognized/ black listed by any State Govt. / Union Territory / Govt. of India/ Govt. organization / Govt. Health Institutions for supply of Notof Standard Quality (NSQ) items / part-supply / non-supply.

I/We agree that the Tender Inviting Authority can forfeit the Earnest Money Deposit and blacklist me/us for a period of 5 years if, any information furnished by us proved to be false at the time of inspection / verification and not complying with the Tender terms& conditions.

I / We further declare that I / We possess valid manufacturing license / Authorized distributor bearing No. _____ Valid up to _____. I/ We _____ do hereby declare that I/we will supply the _____ as per the terms, conditions& specifications of the tender document. I / we further declare thatI / we have a service centre / will establish a service centre within one month of installation of the equipment in Odisha.

Signature of the bidder

Date:

Name & Address of the Firm:

Affidavit before Executive Magistrate / Notary Public.

TENDER FORM - B**Financial Bid****PHYSICS LABORATORY**

Sl. No.	Name of the Items	Quantity	Rate per unit (Including all taxes & Transportation)	Rate per unit (Including all taxes & Transportation)
1	Ammeters different range	10		
2	Battery eliminator	10		
3	Daniell cell	8		
4	Drawing board	30		
5	Friction apparatus Complete set with weight box	8		
6	Galvanometer	10		
7	Parallelogram apparatus	10		
8	Key one way	20		
9	Jockey pencil type	10		
10	Two-way key	8		
11	Laclanche cell	8		
12	Meter bridge	8		
13	Multimeter digital	4		
14	Multimeter manual	4		
15	Magnetic compass	10		
16	Optical bench (1 meter long)	10		
17	Prism (India glass)	30		
18	Potentiometer	8		
19	Plier	5		
20	Cutter	5		
21	Screwdriver	5		
22	Scissor	5		
23	Resistance box (different range 0.1 to 10 ohm) <ul style="list-style-type: none"> • 1 to 10 ohms • 1 to 100 ohms • 1 to 1000 ohms 1 to 100000 ohms 	5 each		
24	Dry cell 10g (chargeable)	10		
25	Dry cell charger	8		
26	Helical spring apparatus with weights	8		
27	Rheostat	10		
28	Resistance coil different range (1-5 ohms)	20		

29	Resonanceapparatus	8		
30	Spherometer	05		
31	Screwgauge	20		
32	Woodenscale (1-50cm,1-100cm)	10each		
33	Sonometer	8		
34	Spritlevel	4		
35	Thermometer	10		
36	Tuningfork(250 Hz, 480Hzand 512 Hz) with pad	5each		
37	Verniercalliper	20		
38	Voltmeter (different range)	20		
39	Beakers (250ml) (500ml)	10 10		
40	Connectingwires	1Kg		
41	Chartsfordisplay (bio visuals)	20		
42	Portraits(asperchoice)	20		
43	Concavemirror	10		
44	Convexmirror	10		
45	Convexlens	10		
46	Concavelens	10		
47	Wedgeknifeedge (for sonometer)	10		
48	Glassslab	30		
49	Pendulumbox	20		
50	Corkrubber 1.5inches	20		
51	Hangerweights 500gm	8set		
52	Insulatedcopperwire	500gm		
53	Metertape (1-100meter)	4roll		
54	Solderingiron	4		
55	Spring balance (0-250 gm)	10		
56	U-shapedmagnet	5		
57	Copper calorimeter	2		
58	Epidiascope	2		
59	Newton'sDisc	2		
60	Telescope	2		
61	Camera	2		
62	Barometertube	2		
63	Lactometer	2		
64	Stove(Oil)	2		
65	Electricbell	2		
66	ProofPlane	2		
67	Binoculars	2		
68	Solderingrods	2		
69	P-Njunction diodesetup	4		
70	Pendulums	2		

71	Spring balances	4		
72	Friction Blocks	2		
73	Heat transfer apparatus	5		
74	Calorimeters	5		
75	Thermal conductivity apparatus	4		
76	Capacitor	4		
77	Transformer	1		
78	Logic gate	2		
79	Laser sources	10		
80	Sounds level meters	5		
81	Resonance tubes	5		
82	Speakers	10		
83	Microphone	10		
84	Safety goggles	50		
85	Gloves	50(pairs)		
86	Vacuum pumps	2		
87	Stopwatches	10		
88	DRV Cell	2		
89	Battery	10		
90	Boyles Law Apparature	1		
91	Chemical weight box	1		
92	Chemical Balance	1		
93	Carbon rod	4		
94	Compass	4		
95	Copper Plate	2		
96	Copper Sulphate	1		
97	Copper Calorimeter	1		
98	Daniell Cell	5		
99	Drawing Board	1		
100	Drawing Pen	2		
101	OHM'S law app with power supply	2		
102	Rheostat low power	1		
103	Rheostat high power	1		
104	Resistance wire	4		
105	Resistance box	5		
106	Screw driver	5		
107	Triangular file	5		
108	Jink rod	10		
109	Electro Magnet	5		
110	Rectangular glass slab	4		
111	Lens holder	4		
112	Rubber pad	5		
113	Bar magnet	5		
114	Optical Needle	5		
115	Laboratory experimental Table Made of SS Frame, 16 Gauge, base & upper part is Board Granite plate. Each table Consist of 4 Electric	4		

	Socket with 4 on off Switch- (Brand Anchor). Size- 5 x4x3 (L x B x H)			
116	Electric line work for Each Experiment table	1		
117	Student Stool is made of Stainless Steel With PU cushion Backrest Seat Metal Bar Stool . H x L x B- 24"x16"x12".	16		
118	Teacher's Chair made by Stainless Steel Chair with Arms ,24"x20"x20"	1		
119	Teacher's Table, stainles steel And& Top part is Granite top Including Two Site Draw and Cupboard. Size- 5x3x2.5	1		
120	Steel Almirah, Mild Steel Instrument Cabinet with Double Glass Door and Key Lock, 6x3x2.5	1		
121	Steel Almirah, Mild Steel Instrument Cabinet with Double Door and Key Lock, 6x3x2.5	1		
122	Photo of Eienstein	1		
123	Photo of Newton	1		
124	Photo of C.V Raman	1		
125	Photo of Nicolos Tesla	1		
126	Photo of Hommie J. Bhava	1		
127	Photo of Michel Faraday	1		
128	Electric Connection for each table			

CHEMISTRY LABORATORY

Sl. No.	Name of the Items	Quantity	Rate per unit (Including all taxes & Transportation)	Rate per unit (Including all taxes & Transportation)
1	Chemistry Department Exp Table, Laboratory experimental Table Consist of Granite top base & Other body is stainless Steel, Including 8 nos Cupboard both Side, Wash Basin, Gas Line, Water Line including West water line. Size- 6 x3x3 (L x B x H).	4		
2	Laboratory Table Rack made up MS	8		
3	Gas Line Work, Made By MS Pipe, Enter room wiring, 15 nos of Valve, 12 Bunsen Burner, Connector, Safety Valve (Brass)	1		
4	Student Stool is made of Stainless Steel With PU cushion Backrest Seat Metal Bar Stool . H x L x B- 24"x16"x12".	16		
5	Teacher's Chair made by Stainless Steel Chair with Arms ,24"x20"x20"	1		
6	Teacher's Table, stainless steel And Top part is Granite Including Two Side Draw and Cupboard. Size- 5x3x2.5	1		
7	Water Line and Drainage work	1		
8	MS Rack for Chemicals, 6x6x2,	1		
9	Steel Almirah, Mild Steel Instrument Cabinet with Double Glass Door and Key Lock, 6x3x2.5	1		
10	Chemistry Lab Safety Board 3x2	2		
11	Photo of Marie Curie	1		
12	Photo of Dmitri Mendeleev	1		
13	Photo of Antoine Lavoisier	1		
14	Photo of Robert Boyle	1		
15	Photo of Venkatraman Ramakrishna	1		
16	Photo of Michel Faraday	1		
17	MS Rack for Laboratory	1		
18	Laboratory Refrigerator (200 Liter)	1		
19	Hand Gloves	35		
20	Eye Goggles	35		
21	Periodic table chart	1		
22	Balance	2		

23	Blow pipe	10		
24	Burette	10		
25	Test tubes	60		
26	Test tube stand	12		
27	Test tube brush	30		
28	Cork borer	20		
29	Cork presser	20		
30	Crucible tongs	20		
31	Charcoal slab borer	20		
32	Crucible(silica)	20		
33	Drying cones	20		
34	Funnel stand /filter stand	15		
35	Distillation apparatus	15		
36	Pinch cork	10		
37	Retort stand with ring and clamp	15		
38	Round file	10		
39	Sand bath	5		
40	Spirit lamp	10		
41	Beakers 100ml	30		
42	Beakers 250ml	30		
43	Beakers 500ml	30		
44	Burettes 25ml	30		
45	Burettes 50ml	30		
46	Pipettes 1ml	10		
47	Pipettes 5ml	10		
48	Pipettes 10ml	10		
49	Pipettes 25ml	10		
50	volumetric pipettes 1ml	10		
51	Volumetric pipettes 5ml	10		
52	Volumetric pipettes 10ml	10		
53	Volumetric pipettes 25ml	10		
54	Round bottom flask 100ml	30		
55	Round bottom flask 250ml	30		
56	Round bottom flask 500ml	20		
57	Round bottom flask 1000ml	10		
58	Glass rod	20		
59	Glass tubing	10		
60	Glass funnels	15		
61	Glass stoppers	20		
62	Watch glasses	20		
63	Tripod stand	20		
64	Tripod	20		
65	Bunsen burner	12		
66	Freezers	1		
67	Filter paper	10(pkt)		
68	Conical flask 100ml	30		
69	Conical flask 250ml	20		
70	Conical flask 500ml	15		
71	Volumetric flask 100ml	20		
72	Volumetric flask 250ml	20		
73	Volumetric flask 500ml	20		

74	Deflagrating spoon	20		
75	Stoves	3		
76	Test tube holder	20		
77	Burette stand	12		
78	Dropper glass 150mm	10		
79	Dropper	20		
80	Wire gauge	40pc		
81	Spatula	60pc		
82	Plain white labels(2/1)	6pkt		
83	Hydro chloric acid(Hcl)	5ltr		
84	Sulphuric acid(H ₂ SO ₄)	5ltr		
85	Nitric acid(hno ₃)	5lt		
86	Ethanol	3lt		
87	Sodium sulfite(na ₂ so ₃)	1kg		
88	Picric acid	250gm		
89	Borax	500gm		
90	Cobalt glass	2pc		
91	Aluminium metal	250gm		
92	Laboratory thermometer	30pc		
93	Trough (tin) small,medium and large	6		
94	Weight boxes	2		
95	Triangular clay pipes	10		
96	China dish	20		
97	Dessicator	3		
98	Gas jar dises	5		
99	Funnel	12		
100	Measuring flask	10		
101	Thirstle funnel	6		
102	Woulfes apparatus	2		
103	Kipps apparatus	1		
104	Ammonium carbonate	2kg		
105	Ammonium chloride	2kg		
106	Ammonium sulfate	2kg		
107	Ammonium bromide	1kg		
108	Aluminum sulfate	1kg		
109	Iron sticks	2kg		
110	Potassium permagnet	500gm		
111	Ammonium oxalate	1kg		
112	Sodium thiosulphate	1kg		
113	Zinc sulfate	2kg		
114	Cobalt nitrate	2kg		
115	Sodium hydroxide	1kg		
116	Copper sulfate	2kg		
117	Potassium nitrate	1kg		
118	Oxalic acid	1kg		
119	Magnesium sulfate	1kg		
120	Magnesium chloride	1kg		
121	Ammonium phosphate	2kg		
122	Sodium chloride	1kg		
123	Potassium ferrocyanide (K ₄ Fe(CN) ₆)	1kg		

124	Ferrous sulfate	1kg		
125	Sodium bromide	1kg		
126	Ammonium ferrous sulfate	2kg		
127	Potassium dichromate	1kg		
128	Barium chloride	1kg		
129	Strontium nitrate	2kg		
130	Sodium sulfide (Na ₂ S)	1kg		
131	Potassium chromate	1kg		
132	Lead acetate	1kg		
133	Sodium sulfate	1kg		
134	Potassium iodide	1kg		
135	Lead nitrate	2kg		
136	Cedric ammonium nitrate	200gm		
137	2,4 DNP	200gm		
138	Universal indicator	1Lt		
139	Ammonia solution (NH ₄ OH)	3Lt		
140	Phenol	2Lt		
141	Aniline	1Lt		
142	Bromine water	1Lt		
143	Acetaldehyde	2Lt		
144	Acetic acid	2Lt		
145	Fehling solution(A-B)	2L(each)		
146	Acetone	2Lt		
147	Carbon disulfide	1Lt		
148	Phenolphthalein	250ml		
149	Nessler's reagent	250ml		
150	Ammoniummolybdate	500gm		
151	Nickel carbonate	1kg		
152	Nickel sulfate	1kg		
153	Manganese chloride	1kg		
154	Calcium chloride	2kg		
155	Sodium bisulphate.	500gm		
156	Cobalt acetate	1kg		
157	Chloroform	1Lt		
158	Reagent Bottle	2		
159	sodium nitrate	500gm		
160	starch solution	500ml		
161	Surgical sprit	1(pkt)		
162	Schiffs solution	500ml		
163	Sodium metal	500gm		
164	Sulphuric powder	500gm		
165	Water bath	2		
166	sucrose	100gm		
167	zinc metal powder	500gm		
168	X naphthylamine	3		
169	Proplene glycol	500gm		
170	acetyl chloride	500ml		
171	acacia	500		
172	Benzene	500gm		
173	Benzoic acid	500ml		
174	cinnamic acid	500ml		
175	Distilled water	5 liter		

176	Calcium hydroxide	500		
177	Calcium carbonate	500		
178	Formic acid	500gm		
179	Iodine solution	500ml		
180	Red litmus paper	2(pkt)		
181	Blue litmus paper	2(pkt)		
182	Ph scale	5		
183	Methanol	1 ltr		
184	Red litmus solution	200ml		
185	Hot air oven	1		
186	Formaldehyde	500 ml		
187	Laboratory safety chart	1		
188	Pipette bulb	12		
189	Glass jar	30		
190	Ph Color chart	1		
191	Mortar and Pestle	12		
192	Water condenser	2		
193	Measuring tube 100ml	15		
194	Measuring tube 250ml	15		
195	Centrifuge	2		
196	Forceps	20		
197	Heat resistant gloves	12 pc		
198	Laboratory techniques chart	1		

BIOLOGY LABORATORY

Sl. No.	Name of the Items	Quantity	Rate per unit (Including all taxes& Transportation)	Rate per unit (Including all taxes& Transportation)
1	Laboratory experimental Table Made of SS base & upper Board with Granite. Size- 70" x30"x22" (L x B x H).	7		
2	Teacher's Chair made by Stainless Steel Chair with Arms ,24"x20"x20"	1		
3	Teacher's Table, Stainless Steel And & Top part is Granite, Including Two Site Draw and Cupboard. Size- 5x3x2.5	1		
4	Student Stool is made of Stainless Steel With PU cushion Backrest Seat Metal Bar Stool . H x L x B- 24"x16"x12".	21		
5	Steel Rack for Model,6x6x2,	1		
6	Steel Almirah, Mild Steel Instrument Cabinet with Double Glass Door and Key Lock, 6x3x2.5	1		
7	PHYSIOLOGY Chart	1		
8	ANATOMY Chart	1		
9	EMBRYOLOGY Chart	1		
10	GENETICS Chart	1		
11	Electric connection for each table			
12	Beaker 100ml / 250ml/500ml	20		
13	Chart stand	4		
14	Conical flask	20		
15	Digital balance	20		

16	Dropping bottle	20		
17	Forceps	40		
18	Funnel	40		
19	Glass showcase	1		
20	Heater	1		
21	Hot plate	1		
22	Human skeleton (Artificial)	1		
23	Leaf clamp apparatus	1		
24	Measuring cylinder 50ml/100ml/250ml	20		
25	Micro viewers	8		
26	Microscope compound	8		
27	Microscope dissecting	8		
28	Morter and pestle	8		
29	Petri dish	40		
30	Pipette (graduated 10ml)	40		
31	Reagent bottle	8		
32	Skeleton (joints)	1 Set of each joint type		
33	Slide box	2		
34	Test tube holders	40		
35	Test tube stand	40		
36	Watch glass	40		
37	Water bath	1		
38	Wash bottle	20		
39	White cavity tiles	40		
40	Pipette stand	1		
41	All Pins	4 Pkt		
42	Burette (50ml)	40		
43	Burette 50 ml	40		
44	Perforated beaker	250 ml - 20		
45	Capillary tube	20		
46	Test tube holders	40		
47	Tripod Stand	40		
48	Thermometer	40		
49	Trough	40		
50	Wire gauge	40		
51	Burette Stand	40		
52	Blade for section cutting	8		
53	Chart display stand	40		
54	Enamel Tray	40		
55	Ph paper	1 packet each of a narrow range and a broad range		
56	Scissors 4"	40		

57	Scissors 6"	40		
58	Scalpel	40		
59	Staining Rack	40		
60	Acetic acid	250 ml		
61	Acetone	250 ml		
62	Alcohol	500 ml		
63	Aluminum Sulphate	20 g		
64	Benedict's solution	100 ml		
65	Muslin cloth	20 meter (50 cm per tudent)		
66	Brushes	40		
67	Matchbox	1 box		
68	Ammonium solution	250 ml		
69	Acetocarmine powder	5 ml		
70	Cavity block	40		
71	Cavity slide	10		
72	Cellotape / paper tape	1		
73	Chromatography paper	2 sheet		
74	Cobalt chloride	50 g		
75	Cork	10		
76	Cotton Roll	1 roll		
77	Dettol	100 ml		
78	Dropper	20		
79	Dusters	5		
80	Filter paper	5 boxes of 24 pieces each		
81	Formaldehyde	500 ml		
82	Glycerine	500 ml		
83	Grease	100 g		
84	Boric acid	5 gms		
85	Monocot stem	10		
86	Ethanol	50 ml		
87	Fehling solution A	20 ml		
88	Fehling solution B	20 ml		
89	Glucose	20 gms		
90	Lens cleaning solution	1		
91	Lens cleaning paper	1		
92	Magnesium Sulphate	10 gms		
93	Onion root tips	5 root tips		
94	Plain stickers	8		
95	Robert solution	10 ml		
96	Sodium Chloride	10 gms		
97	Sodium Hypobromide	10 ml		

98	Hydrochloric acid	100 ml		
99	Detergent	20 gms		
100	Iodine	100 ml		
101	Methylene blue	10 ml		
102	Micro cover slip	8		
103	Micro glass slides	8		
104	Million's reagent	100 ml		
105	Needle	40		
106	Nitric acid	50 ml		
107	Petroleum ether	100 ml		
108	Potassium nitrate	20 gms		
109	Safranin solution	50 ml		
110	Bile salts	5 gms		
111	Soap	1		
112	Starch	50 g		
113	Starch iodide paper	1 packet		
114	Sucrose	100 g		
115	Test tube - Boiling	20		
116	Test tube -Ordinary	8		
117	Test tube Graduated	40		
118	Toothpicks	5 jars		
119	Aluminum foil	4 foils		
120	Barium Chloride	5 gms		
121	Dicot stem	10		
122	Urea	10 gms		
123	Charts	<ul style="list-style-type: none"> • Controlled pollination, and Pedigree charts • Roundworm, Earthworm, and Tape worm • Pigeon, Rat, Scoliosis, Starfish, Frog, and lizard camel, and Cockroach • Mendels inheritance , and the life cycle of the mosquito • Racemose Inflorescence, Cymose Inflorescence, • Modifications of Roots and stem Posters / portraits of Scientists		
124	Models	<ul style="list-style-type: none"> • Claws and beaks, forelimbs modifications, Brain, Ear, and Eye • Human Torso model, and Human Skeleton Model • Root nodules of leguminous plants Cuscuta onhost, lichens, homologous and		

		analogous organs.		
125	Slide permanent	<ul style="list-style-type: none"> • Asexual reproduction, Plant tissues, Animal tissues • Stages of mitosis, Meiosis, T.S. of the testis, T.S. of ovaries • Pollen tube germination, T.S. Blastula • Disease-causing agents, Bread mould, Amoeba, Hydra 		
126	Specimens	<ul style="list-style-type: none"> ■ Animal specimen each of non Chordata and Chordata • Only plant specimens which are in the syllabus are: <ul style="list-style-type: none"> • Aquatic plants, xerophytic plants, monocot plants, • Dicot plants, moss, liverworts, fern • Stem root and leaf modifications, Plant diseases., mushroom 		
127	Pictures / posters/ Charts	<ul style="list-style-type: none"> • Ascaris, Entamoeba, Plasmodium, any fungus causing ringworm • Bacteria, Oscillatoria, Spirogyra, Rhizopus, mushroom • Yeast, liverwort, moss, fern, pine, one monocotyledonous plant • One dicotyledonous plant and one lichen, Amoeba, • Hydra, liver fluke, Ascaris, leech, earth worm, prawn ■ Male and Female reproductive system ■ Prokaryotic, eukaryotic, plant and animal cell ■ Cell division meiosis and mitosis • Silkworm, honey Bbee, snail, starfish, shark, Rohu, frog, lizard, pigeon and rabbit 		
128	Safranin, methylene blue	2 bottle each		
129	Glycerin	1 bottle		
130	Iodine solution	2 bottle each		
131	7 o'clock, Gillet	1		

132	Cotton, Napkin	2 packet each		
133	Cover slip	10 box		
134	KOH solution	1 bottle		

ANNUAL TURN OVER STATEMENT

The Annual M/s. _____ Turnover of the tendering firm for the last three years are given below and certified that the statement is true and correct.

SL.No.	Financial Year	Annual Turnover (Rs)
1	2022 - 2023	
2	2023- 2024	
3	2024 - 2025	
	Total Annual Turn over	
	Average Annual Turn over	

Date:

Place:

Signature of Auditor/
Chartered Accountant
(Name in Capital)
UDIN No.

Seal

DETAILS OF THE BIDDERS & LOCAL CONTACT PERSON

	Corporate Office (The address in which the purchase orders and payment details will be communicated)	Local Contact Person / Branch Office / Zonal Office / Service Centre if any, in Orissa
Name of Firm & Full Address		
Name of Proprietor/Partner/Director		
Telephone Nos., Landline		
PAN No		
GST No		
Mobile		
E-Mail		
Date of Inception		
Manufacturing License Nos. Date		
Name of the issuing authority		
Trade License valid up to		

Name of the Bidder
Address:
Official Seal & Signature
Date:

MANUFACTURER'S AUTHORISATION FORMAT

To

The _____,

Ref: Tender No. _____ Dated _____ for _____.

Dear Sir,

I/We _____, who are established and reputed manufacturers of
_____ (name and description of items offered) having factories at
_____ (Address of Factory) do hereby authorize M/s
_____ (Name and address of Distributor / Agent) to submit a bid.

I/We also extend our full guarantee for the items quoted by M/s _____
_____ as per the terms and conditions in your tender under reference above.

Yours faithfully,

Name of the Manufacturer
(Signature with seal)

Note: This letter of authority should be on the letter head of the manufacturer and should be signed by a person competent and having the power of attorney to bind the manufacturer. It should be included in the bid submitted by the bidder if the bidder is not the manufacturer.

UNDERTAKING

(to be submitted on Rs.50/- stamp paper)

Tender ref. No. _____ Due for opening on _____

Name of the Items:

Name of the Consignee:

Name of the purchaser:

Sir,

I / we _____

hereby declare that;

1. I / we am / are the manufacturers / authorized agents / distributors of _____.
2. I / we do accept / agree for the all clauses including the warranty and payment terms and conditions of this tender.
3. I / we do hereby confirm that the prices / rates quoted are fixed and are at par with the prices quoted by me / us to any other Govt. of India / Govt. of Odisha offices.
4. I / we agree to abide by my / our offer for a period of **1 year** from the date of approval of the tender.
5. I / we have necessary infrastructure for the maintenance of the equipment and will provide all the accessories / spares as and when required.
6. I / we also declare that in case of change of Indian Agent or for any other change, merger, dissolution solvency etc. in the organization of our foreign principles, we would take care of the Guarantee / warranty / maintenance of the machinery / equipment and have provided written confirmation for the same.
7. I / we shall provide assistance to the consignee in clearance and delivery of store at consignee's stores / premises.
8. I / we have carefully read and understood all the terms and conditions of the tender and shall abide by them.
9. I / we undertake to get the equipment's repaired within 48 hours of receiving of the complaint from consignee failing which a penalty @ 1% of the cost may be recovered.

Signature of the witness
Name & address
Dated

Signature of the Tenderer
Name & address
Seal of the firm.

CHECK LIST

Sl. No.	Particulars	Please put tick mark in the respective box: (Document Submitted: Yes/No)				Details	
1	Cost of Tender Paper (Rs.6,000/-) (Rupees Two Thousand) only	DD No-		Name of Bank-		Date	
2	Earnest Money Deposit in shape of TD/FD/NSC for Rs.20,000/-(Rupees Twenty Thousand only)	Certificate No-		Name of Bank		Date	
3	Copy of Valid Manufacturing License of the tender item of the manufacturer or Import License by the Importer or Copy of Valid authorization certificates either from manufacturer or their authorized representatives such as Dealer/ Distributorship certificate.	Yes		No		Page No.	
4	Copy of Valid ISO certificate	Yes		No		Page No.	
5	Copy of GST certificate	Yes		No		Page No.	
6	Copy of PAN of the Organization/Bidder	Yes		No		Page No.	
7	Copy of Registration, if any.	Yes		No		Page No.	
8	Latest GST Return Copy	Yes		No		Page No.	
9	IT Return Copy of last 3 Assessment years (2022-23, 2023-24 & 2024-25)	Yes		No		Page No.	
10	Certificate in support of service center in Orissa or undertaking to set up service center in Orissa within one month from the date of installation if approved (for those who have no service centers in Odisha).	Yes		No		Page No.	
11	Work order copy for supply of table with fitting fixing of all materials for Biology, Physics and chemistry science Laboratory along with other amenities to any school running under ST & SC Deptt. From 2020 to 2024-25.	Yes		No		Page No	
12	Annexure-C	Yes		No		Page No.	
13	Annexure-D	Yes		No		Page No.	
14	Annexure-E	Yes		No		Page No.	
15	Annexure-F	Yes		No		Page No.	
16	Annexure-G	Yes		No		Page No.	
17	Annexure-H	Yes		No		Page No.	
18	Annexure-I	Yes		No		Page No.	

