



# **Nandankanan Zoological Park**

## **Tender Documents**

**Supply of laboratory chemicals, glass and plasticwares for 2025-26**

**Cost of Tender Paper:Rs. 5900/- inclusive of 18% G.S.T**

**(Five thousand nine hundred) only should be in the shape of a demand draft made in favour of the “Society for Management & Development of Nandankanan Zoological Park” on any nationalized bank.**

**Date of Tender:13.06.2025.**

**SUPPLY OF LABORATORY CHEMICAL GLASS WARE & PLASTIC WARES TO NANDANKANAN  
ZOOLOGICAL PARK  
FOR THE FINANCIAL YEAR 2025-26.**

**FORM-A (TECHNICAL BID)**

Last date for submission of tender paper : **25.06.2025 upto 5.00 p.m.**  
Date & Time of opening of bid : **26.06.2025 at 11:00 AM**  
Venue of receiving tender papers : O/o Deputy Director, Nandankanan.  
Venue of opening of technical bid : Conference Hall of Nandankanan.  
Cost of Tender Paper: : **Rs. 5900/-** including of 18% G.S.T

Space for  
recent  
colour  
photograph

**N.B.:** The Tenderers are required to go through the Tender documents carefully before fill up and submission.  
Tender papers received beyond scheduled date & time shall not be entertained.

To be filled in and duly signed by the Tenderer and to be submitted in the Office of the Deputy Director,  
Nandankanan Zoological Park on or before 5.00 P.M of 25.06.2025

1. Name of the Tenderer/Farm in full .....
2. Father's name (in case of individual) .....
3. Address of the Tenderer/Farm for communication: (copy of telephone/electric bill book with upto date posting to be enclosed).  
At : ..... P.O. .... Via.  
Dist. .... PIN. ....  
Telephone No/ Contact No. .... E-mail address. ....
4. Amount of **E.M.D** furnished. Rs. (Figure)  
Rs. (in words)
5. Details of EMD-Bank Draft/  
Banker cheque No & Name of Bank :
6. Bank guarantee For Rs. .... Valid up to (date) .....
7. Permanent Account No (I Tax):
8. GST registration No: ;

Place:  
Date:

**Full Signature of Tenderer**

TERMS AND CONDITION FOR THE SUPPLY OF LABORATORY CHEMICALS, GLASS & PLASTIC WARES FOR THE FINANCIAL YEAR, 2025-26 FROM REPUTED DISTRIBUTOR/STOCKISTS / FIRMS FOR THE USE IN THE ZOO LABORATORY FOR RESEARCH & DIAGNOSTIC PURPOSE.

1. The tenderers must submit the rates for the supply of laboratory chemicals, glass and plastic ware for the stipulated period from reputed Companies / Multi- National companies/Distributor/Stockiest for the use in the Centre for Conservation Research and Training, Nandankanan Zoological Park (CCRT) for research and diagnostic purpose. Taxes shall be as per Govt. rules in force. The rate should be quoted without any other condition. All items should be delivered at CCRT at the cost of contractor.
2. The period for supply of laboratory chemicals, glass and plastic will be for the financial year, 2025-26. The highest offered discount for the medicines should be submitted in the sealed envelope in the prescribed proforma latest by **25.06.2025 upto 5.00 p.m.**
3. The tenderer shall furnish the following documents with technical Bid
  - a) Earnest Money Deposit (E.M.D) for Rs.25,000/- (Rupees Twenty five thousand) only should be deposited in shape of Bankers Cheque/ Demand Draft drawn in favour of "*Society for Management & Development of Nandankanan Zoological Park*" in any scheduled Bank payable at Bhubaneswar. Tender papers without E.M.D shall not be considered and liable for rejection. EMD value shall not be adjusted towards previously available amount / Security Deposit / Bill with Director, Nandankanan Biological Park / Deputy Director, Nandankanan Zoological Park. The Govt. of India / State Govt. Deptt. or undertakings may apply for exemption of EMD with an undertaking. The EMD of all the unsuccessful bidders shall be returned after finalization of all the process of tender. No interest on Earnest Money will be paid.
  - b) A recent passport size colour photograph (not Polaroid one) duly signed in front by the tenderer and to be pasted in the space given on Form-A (Technical Bid)
  - c) A copy of Voter Identity card/ Aadhaar Card /Driving License as proof of identity.
  - d) Copy of driving license / copy of electric or telephone bill of May, 2025 / copy of the passbook posted up to date as proof of residential address.
  - e) Copy of GST registration certificate.
  - f) Copy of PAN issued by the Competent Authority.
  - g) Copy of the trade license or firm registration certificate.
  - h) Copy of experience certificate (minimum 3 supply / year in Govt. Department/ Reputed research institutes/ Zoo / Recognized Universities) for last 3 years
  - i) Copy of Annual turnover certificate with minimum Rs.40 Lakhs per annum.
  - j) Copy of annual Income Tax return last 3 years
  - k) Copy of the undertaking as per the format prescribed in Annexure-II.
  - l) Bankers Cheque / Demand Draft drawn in favour of "*Society for Management & Development of Nandankanan Zoological Park*" in any Nationalized Bank payable at Bhubaneswar towards tender paper cost for Rs.5900/- including 18% GST. (Tender paper cost exempted for Govt. of India /



Govt. of Odisha department or its undertaking).

- m) Technical bid and financial bid should be kept in separate envelope duly sealed and both bids should be kept in one envelope duly sealed addressed to the Deputy Director, Nandankanan Zoological Park, Bhubaneswar and detailed address of tenderer in the envelope.
  - n) Demand Draft/Pay Order/Banker's Cheque obtained earlier than the date of advertisement inviting bids for supply of medicines, surgical accessories to the Nandankanan Zoological Park, will not be accepted.
4. The successful tenderer shall enter into an Agreement with the Deputy Director prior to supply of medicine. The successful tenderer shall be required to submit the Security Deposit (S.D) 10% of the quoted value as Security Deposit (S.D) amounting maximum upto Rs.1,00,000/- (Rupees One Lakh) only in shape of Bank Draft / Demand Draft drawn in favour of "*Society for Management & Development of Nandankanan Zoological Park*" in any Nationalized Bank payable at Bhubaneswar. After completion of agreement period with satisfactory performance the security deposit amount will be returned without interest. In case of any breach of terms and conditions or unsatisfactory performance or other lapses, the security deposit would be forfeited to Government. The decision of the Deputy Director, Nandankanan Zoological Park would be final and binding on this matter.
  5. If the discount price offered is tied between the bidders, then it will be decided by lottery system only.
  6. The tenderer has to supply of laboratory chemicals, glass and plastic ware immediately to the Center for Conservation Research and Training as and when requisitioned for as per the direction of Biologist, Nandankanan Zoological Park. No transportation charges shall be given for the same. The supply may be for more than one or two times a day as per the need/emergency situation. The indented medicines should be supplied to CCRT latest by 15 (fifteen) days positively.
  7. The Deputy Director, Nandankanan Zoological Park may cancel the tender at any time without assigning any reason.
  8. The Deputy Director, Nandankanan Zoological Park, Bhubaneswar at any time by notice in writing can terminate the contract without any compensation if the contractor commits any breach of the contract. Deputy Director, Nandankanan Zoological Park, Bhubaneswar reserves the right to impose monetary penalty at his discretion the extent of average monthly contract value on each occasion or actual loss occurred to Government whichever is higher.
  9. He shall be personally responsible for retaining and safe custody of the supply of laboratory chemicals, glass and plastic ware requisitioned from this office until the same handed over to the CCRT Section. Any claim of lose / lost compensation etc. shall be paid by him and the Nandankanan Zoological Park will not be responsible to the above.
  10. The Tenderer has to execute an agreement in the non-judicial stamp paper of Rs.100/- per form to be furnished by Nandankanan Zoological Park in India.
  11. All powers in awarding contract in relaxation of any eligibility criteria lies with the Deputy Director, Nandankanan Zoological Park.
  12. The Deputy Director Nandankanan Zoological Park shall have all the right to reject / accept any tender without assigning any reason.
  13. Any clause of the tender can be cancelled / modified / altered during the course of the tender / period of work at the discretion of the Deputy Director, Nandankanan Zoological Park and the tenderer shall have to accept the altered or modified condition.

14. Chemicals includes Chemicals/Solvents (LR/AR/HPLC Grade), Rare Chemicals/Fine Chemicals, Molecular Biology Enzymes, Reagents & Kits / Biochemicals / Immunochemicals, Readymade media, Glass wares including the complete range, Plasticwares (complete range including liquid handling product), disposable safety wears, Oligos & Sequencing Services includes Oligos Synthesis, Gene Synthesis, Gene Sequencing & Analysis, Genome & Metagenomic Sequencing Analysis etc.
15. Items from reputed manufacturer/brands e.g. Takara Bio, Himedia Laboratories, Promega Biotech Corporation, Eppendorf Corporate, Abdos Labtech Pvt. Ltd., Integrated DNA Technologies, Eurofins Scientific, Sisco Research Laboratories Pvt. Ltd., Sigma Laboratories Pvt. Ltd., Tarson Products Pvt. Ltd., Nalgen Bio Pvt. Ltd., Eagle bioscience, Calbiotech, XEMA LLC, Qiagen N.V., Bio-Rad Laboratories, Agilent Technologies, Abbott India Limited, Cole-Parmer Instrument Company, LobaChemie Pvt. Ltd., Abcam Limited, Novas Laboratories Pvt. Ltd., Riviera Glass Pvt. Ltd., Polylab India Limited, Glassco Laboratory Equipments Pvt. Ltd., Merck & Co., Nice Chemicals Pvt. Ltd., Moxcare Products, IMV Technologies, Whatman, Genetix Biotech Asia Pvt. Ltd, Thermo Fisher Scientific, Sartorius AG, Borosil Scientific Limited, Axiva Sicheem Pvt. Ltd., Beckman Coulter India Pvt. Ltd., Sigma-Aldrich Chemicals Pvt. Ltd., Elabscience Biotechnology Co. Ltd., Arbor Assays, Biomerieux, Axygen Scientific, Millipore and Qualigen Laboratories Pvt. Ltd., Barcode Biosciences Pvt.Ltd, Bangalore and GCC BIOTECH, Kolkatashould be quoted.
16. The bidders are required to mention GST rate applicable on each category otherwise rates will be treated as inclusive of all taxes.
17. An undertaking may be given that the price list being furnished with the proposal will remain valid for the current rate contract irrespective of validity period.

#### **PENALTY**

If the contractor commits any breach of this contract, he shall be liable to be fined upto an amount not exceeding 1/4th of the contract value for every act of default or negligence. On demand, the amount should be deposited within 10 days. The Deputy Director, Nandankanan Zoological Park reserves the right to cancel the contract within 15 days of the notice period.

#### **PERIOD OF CONTRACT**

- A. The contract will be for a period for the financial year,2025-26.
- B. Under no circumstances the contractor will be allowed to leave before the completion of the contract.
- C. In the event of contractor leaving before completion ofcontract periodthe security deposit will be forfeited.
- D. The validity period of the present tender is forthe financial year,2025-26, but it can be extended on the same approved rates at the discretion of Deputy Director, Nandankanan Zoological Park on the satisfactory performance of the contractor.

#### **START OF THE OPERATION**

- I. The successful tenderer shall have to start the supply of laboratory chemicals, glass and plastic wares as per the requisition of CCRT from**15 days from the first monthlyrequisition**, positively.



- II. If the same rate is offered by more than one tenderer then the Deputy Director, Nandankanan Zoological Park immediately after opening such tenders will permit those tenders who are present and who have offered one and the same rate to increase their offer and the highest offer so increased will be considered for acceptance, or otherwise in case there is a refusal to increase the offer or in the absence of respective tenders, the tenders which are to be considered for acceptance will be decided by drawing lots.
- III. The act of the submission of the tender shall be deemed to be as unreserved acceptance of all condition herein contained.
- IV. The amount of loss, penalty, compensation, interest etc, if not paid within a period of 15 days from the date of demand, shall liable for forfeiture of security.

#### **LOSS TO NKZP**

In the event of any loss to the Nandankanan Zoological Park on the account of any act of commission or omission by the contractor's employees, the contractor shall make good the loss suffered by Nandankanan Zoological Park either by replacement or by payment of adequate compensation as decided by the Deputy Director, Nandankanan Zoological Park.

#### **JURISDICTION OF COURTS**

- I. All disputes shall be subject to the jurisdiction of courts in the Bhubaneswar
- II. The Deputy Director, Nandankanan Zoological Park reserves the right to accept or reject any tender without assigning any reason thereof.
- III. The Deputy Director is not bound to accept the highest tender. He reserves the right to accept highest or the lowest tender at his own discretion.

#### **EARNEST MONEY DEPOSIT (E.M.D)**

- I. All bidders shall have to deposit earnest money of **Rs. 25,000/- (Rupees Twenty-five thousand) only** in the form of a Demand Draft payable in the name of the "*Society for Management & Development of Nandankanan Zoological Park*", Bhubaneswar from a Nationalized/scheduled bank along with their Bid application inside the envelope.
- II. Demand Draft/Pay Order/Banker's Cheque issued earlier than the date of advertisement inviting bids for supply of laboratory chemicals, glass and plastic wares to the Nandankanan Zoological Park, will not be accepted.
- III. Earnest money shall be refundable to the unsuccessful bidders within one month of the award of allotment letter. The bidders have no right to demand interest on the Earnest Money. However, the successful bidder's earnest money shall be returned only once the successful bidder has deposited the security deposit.
- IV. However, in case where the bidder withdraws or modifies the bid during the 100 days validity of the bid or it has come to the knowledge that bidder has used fraudulent practices for this bid, the earnest money shall be forfeited.
- V. Tender received without EMD will be rejected summarily.

#### **TERMINATION OF THE CONTRACT**

- a. The Deputy Director, Nandankanan Zoological Park can terminate the contract at any time after serving two weeks' notice to the contractor for breach of any condition of the contractor if during the period of the contract, the performance is not found satisfactory.

- b. The decision of the Deputy Director, Nandankanan Zoological Park shall be final and binding on the contractor in this regard.
- c. Failure by the contractor to comply with any statutory requirements during the period of the contract shall result in the termination of the contract and subsequent disqualification for participation in any future tender in the Nandankanan Zoological Park.
- d. The contractor will not be allowed to leave the contract before one year failing which the contract will be terminated and the performance security will be forfeited. Failure by the contractor to comply with any statutory requirements and terms of the agreement during the period of contract shall result in termination of the contract forthwith and subsequent disqualification of the contractor for participation in any future tender at the Nandankanan Zoological Park. The security deposit will also be forfeited.

#### **RENEWAL OF THE CONTRACT**

- i. The period of the contract will be for the financial year, 2025-26.
- ii. The contract can be extended beyond **31.03.2026** subject to satisfactory performance.  
as per the discretion of Deputy Director, Nandankanan Zoological Park.
- iii. The Deputy Director, Nandankanan Zoological Park reserves the right to curtail/extend the period as per the prevailing circumstances.

  
Deputy Director  
Nandankanan Zoological Park

APPLICATION FORM-T (TECHNICAL BID) FOR SUPPLY OF LABORATORY CHEMICALS, GLASS AND PLASTIC WARE TO THENANDANKANAN ZOOLOGICAL PARK, BHUBANESWAR-754005

(TO BE FILLED IN BY THE APPLICANT)

1. Name of the Applicant Entity.....

Address		.....
		.....
		.....
2	Telephone No(s):.....	
(i)	Fax Number: .....	
(ii)	STD Code	:.....
(iii)	E-mail address	:.....
(iv)	Website	:.....

(v) Attach a self-attested copy of the valid:

- (a) Firm Registration number / Trade license number
- (b) GST registration number



3.(i)Applicant's Legal Status.....

(Individual/Company/Proprietor/Partnership HUF/Society/Any Other, specify)

(ii) PAN Card No.: .....(Copy to be attached).....

4.Contact Executive(s)

(i) Name .....

(ii) Designation: .....

(iii) Tel. No(s) With STD Code:.....

Office: (a)Direct:.....

	(b)General	:	.....
	Mobile	:	.....
(iv)	E-mail ID	:	.....
5	Designation & address of: .....		
	the Income tax Authority		
	By whom the entity is	.....	
	assessed.		
6	Name/Address of Bankers:.....		
	With A/c No./ Type of Account	.....	

7.(a)Details of enclosed Demand :No.....dated.....

Draft/Banker's Cheque/Pay

Order covering Application

Fee:Rs.5900/- including GST (If tender paper is downloaded from website).

(b) Details of EMD (Rs. 25,000/-):No.....dated.....

1. Details of business associates, sister  
Concerns, affiliates, subsidiaries, etc. if any(attach proof)  
:.....

Name of business associates/sister concerns/affiliates/subsidiaries etc. (attach separate sheet, if necessary)	Experience for supply of laboratory chemicals, glass and plastic wares
1	
2	
3	
4	

- 9 Date of establishment of the applicant's Business in laboratory chemicals, glass and plastic wares(attach proof)

- 10 Turnover from laboratory chemicals, glass and plastic wares business Rs.45 Lakhs / annum:

Financial Year	Annual Turnover from laboratory chemicals, glass and plastic wares business
	(as per audited financial statement)
2021-22	
2022-23	
2023-24	

- As identity proof- Passport / Driving license/ Voter Identity card
- As address proof –passport/ Electric bill/ Telephone bill/ Ration card
- Copy of return of income tax of the last three years.
- Earnest money of Rs. 25,000/-
- Demand draft of Rs.5900/-inclusive of GST as tender paper cost in case the tender form is downloaded from the website.
- Copy of CGST / SGST registration certificate & GST return for last 3 years
- Proof of a minimum of three years of experience of minimum 3 supply / year in Govt. Department/ Reputed research institutes/ Zoo / Recognized Universities) for last 3 years for laboratory equipment, chemicals, glass and plastic wares.



11. Any other information:

.....

**12. I/we, hereby, declare that:**

I/We have read and understood & agreed to the Bid Documents, including Terms & Conditions forming integral part of the license agreement, etc.

I/we have read and understood the terms and conditions governing the supply of laboratory chemicals, glass and plastic wares: and I/We agree and undertake to be bound by the Bid Documents, and other Terms Conditions forming integral part of the license agreement.

That I/We understand that in case of any of the above information / documents (as given by us) is found to be incorrect, Nandankanan Zoological Park may reject the application, cancel the agreement, or revoke the license at any time, without giving any notice and in such a situation, I/We will not be entitled for refund of any part of license fee, security and other deposit.

I/we have not been barred by any office Department / Organization / Local Authority from supply of laboratory chemicals, glass and plastic wares.

Place:.....

Signature:

.....

Date:.....

Name:

.....(A  
uthorized Signatory) – Copy of such  
authorization

Designation:.....

.....

(Capacity in which signed)

Full Address:.....

Company Seal :

**APPLICATION FORM-F (FINANCIAL BID) FOR SUPPLY OF LABORATORY CHEMICALS, GLASS  
AND PLASTIC WARES TONANDANKANANZOOLOGICALPARK, BHUBANESWAR-754005**

**(TOBEFILLEDINBYTHEAPPLICANT)**

To

The Deputy Director,  
Nandankanan Zoological Park  
Baranga, Bhubaneswar.  
Sir,

I/we hereby offer my rate for the award of contract for the supply of laboratory chemicals, glass and plastic wares for the financial year, 2025-26 from reputed National/Multi-National companies / Reputed Distributor/ Stockiest for the use in CCRT for research and diagnostic purposes.

The laboratory chemicals, glass and plastic wares shall be supplied (delivered at the CCRT of the Nandankanan Zoological Park at the cost of contractor) with a discount on MRP as annexed in the annexure-I will be considered during financial evaluation. This rate is quoted without any other conditions. Taxes/GST etc. shall be as per Govt. rules in force.

I agree to hold this offer valid for 100 days from the date of opening of tender and shall be bound by the communication of acceptance without be forfeited to the Government.

I have thoroughly understood the terms and conditions without any reservation.

I enclose herewith a demand draft for **Rs.25,000/-** (Rs. Twenty-five thousand) only in favour of the "*Society for Management & Development of Nandankanan Zoological Park*" as Earnest Money and the same shall be forfeited to the Government if I dishonor your offer of acceptance.

I have already paid income tax and enclose herewith the income tax return/ GST return certificate for 2021-22, 2022-23 & 2023-24.

I agree to abide by all the terms and conditions set out in the tender notice without any reservation / objection. The following documents are enclosed along with the tender.

**Seal and Signature of tenderer**

Place:

Date:



**ON NON-JUDICIAL STAMP PAPER Rs.100/-**

**AFFIDAVIT**

I, \_\_\_\_\_, son/daughter/wife of \_\_\_\_\_  
resident of \_\_\_\_\_ Deputy  
Director/Partner/Proprietor of M/s. \_\_\_\_\_ having its registered office at \_\_\_\_\_ do  
hereby

1.	That I / firm / company have / has the requisite licenses and approvals including license for supply of medicines.
2.	That there has been no case / litigation whatsoever against me / firm / company or any other legal entity in which I / we have controlling share any law which restricts me / firm / company from supply of medicines and/or to enter into the Agreement.
3.	That I/firm/company are/is financially sound to undertake such an agreement.
4.	That I/firm/company or any other legal entity in which I/we have controlling share has/have never been barred from supply of medicines anywhere in Odisha by any agency/Govt. Department.
5.	That I/we understand and agree that the contract for supply of medicines in the Nandankanan Zoological Park for which I am/we are submitting my/our bids for the year 2025-26 only as per the Bid Notice/Bid Documents.
6.	That I/we undertake and agree that the Deputy Director, Nandankanan Zoological Park will have the sole right to revoke/cancel the License agreement on violation of any terms & conditions of the bid document and/or Agreement.
7.	That I/we undertake to pay the amounts as demanded by Deputy Director, Nandankanan Zoological Park towards damage if caused to the Nandankanan Zoological Park.
8.	That I/we have not been debarred from participating in the bidding process by any Govt. agency/PSU etc.
9.	That I/we declare that no criminal case is pending against me/us in any court of law in the country.
10.	That I/we have read all the terms & conditions forming part of the License Agreement (Annexure-A) and agree to abide by them in entirety.

**DEPONENT**

**ANNEXURE- 1**

**List of Laboratory chemicals, Glasswares, Plastic wares, Gases and other Laboratory consumables required for use at Centre for Conservation Research and Training for the year, 2025-26**

**1. List of Plastic & glass wares :**

Sl. No	Particulars	Pack size	Tentative quantity	MRP	Quoted Price	GST	Unit price (6+7)	Total price (8X4)
1.	2.	3.	4.	5.	6.	7.	8.	9.
1.	plastic L-spreader	100 nos.	3 pkt					
2.	Soft loop sterile	100 nos.	3 pkt					
3.	PCR Tube (0.2 µl)	1000 nos.	2 pkt					
4.	Sterile Cotton Swab	100 nos.	1 box					
5.	Screw cap vial (2ml)	1000 nos.	1box					
6.	Screw cap test tube (10ml)	50 nos.	1pkt					
7.	Screw cap test tube (20ml)	50 nos.	1pkt					
8.	Micro tips 0.5-10µl	1000 nos.	1pkt					
9.	Micro tips (20-200µl)	1000 nos.	1pkt					
10.	Micro tips (1000µl)	500 nos.	1pkt					
11.	Dustbin Bags (small)	6 rolls	10pkt					
12.	Cotton Thread	20rolls	5pkt					
13.	Kimwips disposable wipes	280 nos.	20pack					
14.	Tissue roll (360 pulls)	6 nos.	50 pack					
15.	Nitrile purple gloves	100 nos.	10box					
16.	Toothpick (medium Pack)	1pack	3pkt					
17.	Zip lock 6x8"	100 nos.	10 pkt					



18.	Zip lock 3x4"	100 nos.	10 pkt					
19.	Stripe tube with lid(0.2µl)	125 nos.	3pkt					
20.	Electrical Pipette Controller, 0.1 - 100ML	1 pack	1pkt					
21.	Nitrile Gloves Powder Free large	100 nos.	10pkt					
22.	Nitrile Gloves Powder Free medium	100 nos.	10pkt					
23.	Micro Centrifuge Tube 2.0 ML 500/PK	500 nos.	3box					
24.	Micro Centrifuge Tube 1.5 ML 500/PK	500 nos.	3 box					
25.	Plastic square weighing boats (43 mm × 43 mm × 9 mm)	100 nos.	1 box					
26.	Slide Box, PS 100 places	6 nos.	1packs					
27.	Microscope Glass Slides, Double Frosted,Ground Edges	5 nos.	5box					
28.	Microscope Cover Glass	100nos.	10pack					
29.	Disinfectant Wipes	10 nos.	10pack					
30.	Disposable paper weighing boats	500 nos.	2pkt					
31.	Absorbent Cotton Wool	1 pack	5pack					
32.	Non-Absorbent Cotton Wool	1 pack	5pack					
33.	Parafilm (20x50)	1 roll	1 pkt					
34.	Homogenizer with serrated pestle (20ml.)	1no.	1no.					
35.	Horizontal Electrophoretic system buffer chamber, connecting cable, with 7 x 8 cm gel casting tray and two combs (compatible with Biorad electrophoresis power	1 no.	1 pack					

	supply)							
36.	Horizontal Electrophoretic system with buffer chamber, connecting cable, 06x08 cm gel casting tray and two combs (compatible with Biorad electrophoresis power supply)	1 no.	1pack					
37.	Petriplate (50mm)	12 nos.	1pack					
38.	Petriplates (Small)_Glass (75mm)	12 nos.	1pack					
39.	Petriplates (Large)_Glass (100mm)	12 nos.	1pack					
40.	Petriplates (Large) (125mm)	12 nos.	1pack					
41.	S.S. Spirit Lamp	1no.	2no.					
42.	Blunt/curved tip forceps	2 nos.	1pack					
43.	96 well plate cold block	3 nos.	1pkt					
44.	Sterile Scalpel and Blade	100 nos.	2pack					
45.	Sterile Cotton Swab in Screwed capped tube	100 nos.	1pkt					
46.	Specimen Container 125ml	12 nos.	2packs					
47.	Stool sample container 50ml(44x55mm)	384 nos.	1pack					
48.	Sample container 100ml sterile	280 nos.	1pack					
49.	Tough spots Assorted Colors	5000spots	1pack					
50.	Flotrack 8 place	6 nos.	2 packs					
51.	Cryo cube box 100 place	4 nos.	4packs					
52.	Hand Protector grip	1pack	1pkt					
53.	Magnetic Beads (Small )	5nos.	1pkt					
54.	Magnetic Beads (Medium)	5 nos	1pkt					
55.	Slide staining kit	25pc	2pkt					

56.	Stainless steel embedding mold	100pc	1pkt					
57.	Embedding tissue cassettes (28x40x68mm)	500nos.	1 pack					
58.	Disposable Masks	100nos.	5pack					
59.	Disposable Caps	100nos.	5pack					
60.	Coplin jar	10pc	2 boxes					
61.	Hydrophobic barrier pen	1 pack	1 pack					
62.	Sterile measuring sampling spoon	5ml	2pack					
63.	Cryo tags (32.5x12.7)	1000	1 pack					
64.	Freezing Boxes, Autoclavable	5nos.	5 pack					
65.	Petri seal (0.5x108)	1roll	1 pack					
66.	Ice bucket (210x185x118)	2pc	1pack					
67.	Desiccator (300mm)	1pc	1 pack					
68.	Sterile disposable reagent reservoir (75ml)	12pc	1pack					
69.	Burette (50ml) with stand and burette clamp set	6pc	1 pack					
70.	Narrow screw cap mouth bottle (1000ml) 101x225	1pc	10 nos.					
71.	Narrow screw cap mouth bottle (500ml) 86x177	1pc	10 nos.					
72.	Narrow screw cap mouth bottle (250ml) 70x138	1pc	10 nos.					
73.	Narrow screw cap mouth bottle (100ml) 56x100	1pc	10 nos.					
74.	Narrow screw cap mouth connical flask (250ml)	10pc	1 pack					
75.	Narrow screw cap mouth connical flask (500ml)	10pc	1 pack					



76.	Measuring cylinder (1000ml)	1pc	2 pack					
77.	Measuring cylinder (100ml)	1pc	1 pack					
78.	Measuring cylinder (10ml)	1pc	1 pack					
79.	Sample storage container (100 wells)	1 Nos	10 pack					

## 2. List of chemicals for Molecular biology work :

Sl. No	Particulars	Pack size	Tentative quantity	MRP	Quoted Price	GST	Unit price (6+7)	Total price (8X4)
1.	2.	3.	4.	5.	6.	7.	8.	9.
1.	PCR Master Mix (2X) 2X PCR Taq Mixture	100 reactions	10vial					
2.	Diluent for DNA extraction - 500ml Molecular Grade	500ml	10pack					
3.	Methanol ACS grade	2.5l	5 bottles					
4.	Absolute Denature Ethanol 99.9% (For work station disinfection)	500ml	20 bottles					
5.	DNA Polymerase (5 units/ $\mu$ l) (10X Buffer A with $MgCl_2$ )	100 $\mu$ l	10vial					
6.	100bp DNA ladder (50 $\mu$ g)	200ul	5vial					
7.	50bp DNA ladder (50 $\mu$ g)	200ul	5vial					
8.	6x blue loading dye	5ml	10pack					
9.	Nuclease-free water	500ml	10pack					
10.	Agarose-molecular biology grade	100g	10bottle					
11.	Ethidium bromide solution	10ml	5 vial					
12.	50X TAE buffer	500ml	2 pack					

13.	Proteinase K	25mg	3 pkt					
14.	dNTP solutions set, contains 10 mM each of dATP, dCTP, dGTP, dTTP	1 ml	10vial					
15.	Lambda DNA/HIND II	1000u	5vial					
16.	Tris Buffer	500g	2bottle					
17.	Ultrapure phenol	500g	3 bottle					
18.	ATL Buffer	200ml	2bottle					
19.	DDT (Dichloro-diphenyl-trichloroethane)		1 Bottle					
20.	FTA card	100 Nos	4 pack					
21.	DL-Dithiothreitol	1 gram	1 pack					
22.	10X PCR Buffer with Kcl	5 ml	10packs					
23.	Chloroform for Molecular Biology	500ml	5packs					
24.	RNase Inhibitor	250ml	1 packs					
25.	RNase A	100mg	1 vial					
26.	Hydrogen peroxide solution 30% AR	500ml	5 pack					
27.	Magnesium Chloride Hexahydrate ACS, 99%	500g	5 pack					
28.	Hydrochloric Acid 35.4%AR	500ml	2 pack					
29.	Phenol Saturated w/ 10% water for molecular biology (Phenol Liquid w/ 10% water), 90%	100ml	5 pack					

### 3. List of chemicals for Microbiology work :

Sl. No	Particulars	Pack size	Tentative quantity	MRP	Discount price	GST	Unit price (6+7)	Total price (8X4)
1.	2.	3.	4.	5.	6.	7.	8.	9.
1.	Amikacin AMK (30mcg)	100disc	2 vial					
2.	Amoxyclav (Amoxicillin/clav) (30mcg)	100disc	2 vial					
3.	Ampicillin/Sulbactam (10mcg)	100disc	2 vial					
4.	Cefixime	100disc	2 vial					
5.	Cefoperazone (75mcg)	100disc	2 vial					
6.	Ceftazidime(30mcg)	100disc	2 vial					
7.	Ceftriaxone(30mcg)	100disc	2 vial					
8.	Chloramphenicol(30mcg)	100disc	2 vial					
9.	Ciprofloxacin (5mcg)	100disc	2 vial					
10.	Clindamycin (2mcg)	100disc	2 vial					
11.	Doxycycline Hydrochloride (30mcg)	100disc	2 vial					
12.	Enrofloxacin (5mcg)	100disc	2 vial					
13.	Gentamycin (10mcg)	100disc	2 vial					
14.	Levofloxacin (5mcg)	100disc	2 vial					
15.	Metronidazole (4mcg)	100disc	2 vial					
16.	Moxifloxacin (5mcg)	100disc	2 vial					
17.	Neomycin (10mcg)	100disc	2 vial					



18.	Ofloxacin (2mcg)	100disc	2 vial					
19.	Piperacillin(75mcg)	100disc	2 vial					
20.	Piperacillin/Tazobactam (100/10mcg)	100disc	2 vial					
21.	Streptomycin (10mcg)	100disc	2 vial					
22.	Tetracycline (30mcg)	100disc	2 vial					
23.	Co-Trimoxazole (25mcg)	100disc	2 vial					
24.	Miconazole (30mcg)	100disc	2 vial					
25.	Ketoconazole(30mcg)	100disc	2 vial					
26.	Itraconazole(30mcg)	100disc	2 vial					
27.	Fluconazole(10mcg)	100disc	2 vial					
28.	Clotrimazole CC (10mcg)	100disc	2 vial					
29.	Tylosine TL (15mcg)	100disc	2 vial					
30.	Lincomycin L (15mcg)	100disc	2 vial					
31.	Colistin CL (10mcg)	100disc	2 vial					
32.	Penicillin-G P (10units)	100disc	2 vial					
33.	Norfloxacin NX (10mcg)	100disc	2 vial					
34.	Meropenem MRP (10mcg)	100disc	2 vial					
35.	Lomefloxacin LOM (10mcg)	100disc	2 vial					
36.	Erythromycin E (15mcg)	100disc	2 vial					
37.	Cefpodoxime CPD (10mcg)	100disc	2 vial					
38.	Cefotaxime CTX (30mcg)	100disc	2 vial					
39.	Azithromycin AZM (15mcg)	100disc	2 vial					
40.	Methyl red	125ml	2 pack					

41.	Nutrient Broth	500gm	2 Bottle					
42.	Nutrient Agar	500gm	3 Bottle					
43.	BHI broth	500gm	3Bottle					
44.	Mueller Hinton Agar	500gm	3 Bottle					
45.	Glycerol anhydrous	500gm	2 Bottle					
46.	Sheep Blood Agar Base	500gm	5 Bottle					
47.	Disodium tetra borate decahydrate	500gm	1 Bottle					
48.	Autoclave bag 10(h)*6 (b)	1000nos.	2 pkt					
49.	Anaerobic gas pack absorber Sachet and CO2 indicator kit	5 tab kit	1 pkt					
50.	Anaerobic media	500gm	1 pkt					
51.	Leptospira Medium Base	500gm	2 packs					
52.	Lactophenol Cotton Blue	500gm	1 pack					
53.	Agar Agar, Type I	500gm	2 packs					
54.	IMViC Biochemical Test Kit	20 kit	5 packs					
55.	M-FC Agar Base	100gm	1 packs					
56.	Brilliant Green Bile agar	500gm	1 Bottle					
57.	M-Endo Agar LES	500gm	2 Bottle					
58.	MacConkey broth (double strength )	500gm	1 Bottle					
59.	MacConkey agar	500gm	1 Bottle					
60.	TCBS Agar	500gm	1 Bottle					
61.	Plate Count Agar	500gm	2 Bottle					
62.	Sabouraud Dextrose Agar, Granulated	500gm	1 Bottle					

63.	<i>Staphylococcus</i> Count-Mannitol salt agar	500gm	1 Bottle					
64.	Reinforced Clostridial Agar	500gm	1 Bottle					
65.	<i>E.Coli</i> EMB Agar	500gm	2 Bottle					
66.	Salmonella-Brilliant Green Agar	500gm	2 Bottle					
67.	Rappaport Vassilidis salmonella Broth	500gm	1 Bottle					
68.	Cetrimide agar base	500gm	2 Bottle					
69.	Lowenstein-jensen medium base for <i>Mycobacterium</i> spp.	500gm	1 pack					
70.	Chocolate agar base	500gm	1 Bottle					
71.	Potato dextrose agar	500gm	1 Bottle					
72.	Xylose lysine deoxycholate agar	500gm	1Bottle					
73.	Thyoglycollate broth	500gm	1 Bottle					
74.	Blood agar	500gm	2 Bottle					
75.	Sterile Discs	250disc	1 vial					
76.	Antiquencher mounting reagent	100ml	2 pack					
77.	Triton-X-100	500gm	2 Bottle					
78.	Omnipur DEPC	1 pack	1 pack					
79.	Aminopropyl-triethoxysilane	100gm	1 pack					
80.	Stabi Flexi Loop Plus - 4	100nos.	1 pack					
81.	Sterile Uricol	100nos.	1 pack					



82.	Metaloop –SL for stab culture	8nos.	1 pack					
83.	Gram negative bacilli (GNB) detection card	20 tests	8 pack					
84.	Gram Positive Cocci (GPC) detection card	20 tests	8 pack					
85.	Vitek 2 Yeast detection card	20 tests	8 pack					
86.	AST Gram Negative Bacilli AST GN96	20 tests	8 pack					
87.	AST Gram Positive Cocci AST GP79	20 tests	8 pack					
88.	Suspension Solution for Vitek 2	500ml	3 pack					
89.	Unsensitized tubes	2000pc	2 pack					
90.	Vortex mixer CM 101, on touch mode 2500 RPM	1 Nos	1 pack					

**4. List of kits for hormonal/ diagnosis work :**

Sl. No	Particulars	Pack size	Tentative quantity	MRP	Quoted Price	GST	Unit price (6+7)	Total price (8X4)
1.	2.	3.	4.	5.	6.	7.	8.	9.
1.	Fecal estradiol kit-96	96pr	15 kits					
2.	Fecal progesterone kit-96	96pr	15 kits					
3.	Fecal Cortisol kit-96	96pr	15 kits					
4.	Fecal Corticosterone kit-96	96pr	15 kits					
5.	Fecal estriol kit-96	96pr	15 kits					
6.	Fecal testosterone kit-96	96pr	15 kits					

7.	Aflatoxin test kit	1 kit	5 pkt					
8.	DNA extraction kit from blood	250pr	5 Pkt					
9.	DNA extraction kit from tissue	48 pr	5 Pkt					
10.	DNA extraction kit from stool sample	250pr	5 Pkt					
11.	Bacillus identification Kit	20 Nos	1 Pkt					
12.	Enterobacteriaceae identification Kit	20 Nos	1 Pkt					
13.	Biochemical test kit for Salmonella	20 Nos	1 Pkt					
14.	Gram Staining Kit	1 Nos	2 Pkt					
15.	Giemsa stain	500ml	3 Nos					
16.	ZN Acid fast Stain Kit	1 Nos	1 Pkt					
17.	Quick Gel Extraction and PCR Purification Combo Kit	50 pr	1 Pkt					
18.	<i>M. tuberculosis</i> complex RT-PCR kit	25 pr	3 pkt					
19.	<i>Babesia bigemina</i> complex	25 pr	3 pkt					
20.	<i>Trypanosoma evansi</i> SYBR PCR Complex KIT	25 pr	1 pkt					
21.	RT-PCR New castle disease virus	25 pr	10 pkt					
22.	RT-PCR Hemorrhagic septicemia PCR probe kit	25 pr	1 pkt					
23.	RT-PCR Theileria	25 pr	1 pkt					
24.	RT-PCR Mycoplasma Gallisepticum probe kit	25 pr	1 pkt					
25.	Multiplex RT PCR kit	25 pr	2pkt					
26.	5X One-Step RT-PCR Master mix	50pr	2pkt					
27.	Rabbit -DAB (poly-HRP) detection IHC kit	200 pr	1pkt					

28.	20x TBS wash buffer for IHC	1 pack	1pkt					
29.	Leptospira Probe PCR Kit	25pr	2 packs					
30.	Protozoan Parasite Multiplex Probe PCR Kit	25pr	2 packs					
31.	Multiplex PCR Kit	25pr	10 packs					
32.	MTB/NTM Probe PCR Kit	25pr	2 packs					
33.	Bacterial DNA Isolation Kit	250pr	5packs					
34.	Oxidase reagent tablet	50 tabs	2 pack					

#### 5. List of chemicals for Food and Water quality analysis

Sl. No	Particulars	Pack size	Tentative quantity	MRP	Quoted Price	GST	Unit price (6+7)	Total price (8X4)
1.	2.	3.	4.	5.	6.	7.	8.	9.
1.	Petroleum Ether	500ml	5 pack					
2.	Anhydrous Sodium Sulfate	500gm	1 pack					
3.	Phosphate Buffer Saline (10x)	500gm	1 pack					
4.	Bradford Reagent for protein	500ml	1 pack					
5.	Bovine Serum Albumin (BSA)-crystal	100gm	1 pack					
6.	DTT(DL-Dithiothreitol)	25gm	1 pack					
7.	Glucose Standard Solution	500ml	1pack					
8.	Dextrose Solution							
9.	Enterococci Test kit	1 kit	100 packs					
10.	H2S Test bud	10test	10 pack					
11.	Coli-nella water testing kit	10test	10 pack					
12.	Sterile saline, 0.9%	50*5ml	5 pack					
13.	Chromogenic coliform agar (CCA)	500gm	1 pack					
14.	Clostridial Agar Base	500gm	1 pack					
15.	Nitrite Testing Kit	300test	1 pack					
16.	Nitrate Testing Kit	100test	3 pack					
17.	Sulphate Testing Kit	300test	1 pack					
18.	Silica Testing Kit	100test	3 pack					
19.	Total Hardness Testing Kit	100test	3 pack					
20.	Total Hardness Testing	300test	1 pack					



	Kit							
21.	Free Chlorine Testing Kit	300test	1 pack					
22.	Free Chlorine Testing Kit (DPD Method)	300test	1 pack					
23.	Iron Testing Kit	100test	1 pack					
24.	Magnesium Testing Kit	300test	1 pack					
25.	Ammonia Testing Kit	300test	1 pack					
26.	Chloride Testing Kit	100test	3 pack					
27.	Alkalinity Testing Kit	300test	1 pack					
28.	Alkalinity Testing Kit	100test	3 pack					
29.	Diethyl ether, Hi-AR	500ml	2 packs					
30.	Gridded Cellulose Nitrate Membrane, sterile (0.45µm)	100test	3 packs					
31.	Manganese (II) Sulphate Monohydrate extrapure AR,99%	500gm	2 packs					
32.	Potassium Fluoride Anhydrous pure, 97%	500gm	2 packs					
33.	Aluminium Potassium Sulphate Dodecahydrate ACS, 99.5%	500gm	2 packs					
34.	Potassium-Dichromate extrapure AR, 99.9%	500gm	1 pack					
35.	Mercuric Sulphate ACS, 99%	25gm	1 pack					
36.	Ferriin solution AR	100ml	2 packs					
37.	Ferrous ammonium sulfate	500g	5 packs					
38.	Sulphuric acid 95-97% AR	500ml	10 bottle					
39.	Silver Sulphate 99.5%AR/ACS	10g	5 pack					
40.	Potassium Iodide	100g	5 pack					
41.	Potassium Hydroxide Pellets	500g	5 pack					
42.	Sodium Hydroxide pellets	500g	5 pack					
43.	Sodium Iodide pure, 99%	25gm	2 packs					
44.	Sodium Azideextrapure AR, ACS, 99%	100gm	2 packs					
45.	Starch 1%W/W Aqueous Solution Stabilized	125ml	2 packs					
46.	Sodium Thiosulphate extrapure	500gm	2 packs					
47.	Magnesium Sulfate	500g	5 pack					
48.	Sodium Sulphate Anhydrous extrapure	500g	5 pack					

	AR, 99.5%							
49.	Filter paper grade I, pore size 11 $\mu$ m	100 nos	3 packs					
50.	Ferrous sulfate heptahydrate $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$	500 g	1 pack					
51.	Glass fiber Filter paper pore size 0.45 $\mu$ m	100/pack	1 pack					
52.	63 mesh stainless sieve	1 No	1 pack					

## 6. List of consumables for Biobanking

Sl. No	Chemicals	Pack size	Tentative quantity	MRP	Quoted Price	GST	Unit price (6+7)	Total price (8X4)
1	2	3	4	5	6	7	8	9
1.	Tissue culture dish (100 mm)	100 Nos	1 pack					
2.	IVF Culture dish (60*15mm)	200 Nos	1pack					
3.	Freezing Tubes(1.8ml)	500 Nos	1pack					
4.	Freezing Tubes(5ml)	500 Nos	1pack					
5.	Cryovial (2 ml)	500 Nos	1pack					
6.	Cell freezing medium-DMSO (1X)	50 ml	1pack					
7.	DMEM	500 ml	1 pack					
8.	In Vitro Maturation Kit							
9.	Stainless Steel Forceps, Blunt (12inch)	2 Nos	1 pack					
10.	Stainless Steel Forceps, pointed (12inch)	2 Nos	10 pack					
11.	Nigrosin stain, 4% solution for live/dead cells	100 ml	2 pack					
12.	Eosin G stain, 2% solution for live/dead cells	125 ml	2 pack					
13.	Spermact stain kit	5 R	3pack					
14.	Measuring stick for liquid nitrogen	1 Nos	5 pack					

	container- 100cm							
15.	Freezing Container (H × diam. 86 mm × 117 mm) which can hold 1 to 5 mL and achieve a rate of cooling very close to - 1°C/minute.	1 Nos	2 pack					
16.	Cryoprotectant gloves	1 Pair	2 pack					
17.	Micro Aspirator	1 Nos	1 pack					
18.	Black and white nylon cloth paper cartridge Compatible with Braddy Label Printer (BMP 21 plus)	1 Nos	4 pack					
19.	HSV Vit Kit Straws	4 Nos	10 pack					
20.	Straws 0.5 ML	2500 Nos	2 pack					
21.	High Security Tubes 1.2 ML	50 Nos	2 pack					
22.	Sterile Filling Nozzle (Pack of 100)	100 Nos	2 pack					
23.	Daisy Goblet (Available in Different color options)	5 Nos	3 pack					
24.	Isolate	72 ml	1 pack					
25.	Freezing Medium TYB	100ml	2 pack					
26.	Sperm Washing Medium	100 ml	2 pack					
27.	Vit Kit Freeze NX	1 Nos	2 pack					
28.	Vit Kit Warm NX	1 Nos	2 pack					
29.	Continuous Single Culture-NX Complete (CSCM-NXC)	40ml	1 pack					
30.	Multipurpose Handling Medium Complete (MHM-C)	100mL	1 pack					
31.	Liquid Nitrogen	in liters	70 kg per					



			month X12 =840kg per annum					
32.	RBC lysis buffer	100 ml	1 pack					
33.	Antibiotic- antimycotic (ABAM)	20 ml	2 pack					
34.	BME-EAA (503)	100 ml	1 pack					
35.	BoviPlus oocyte washing medium with BSA	500 ml	2 pack					
36.	Bovine serum albumin, essentially fatty acid free	10 grams	1 pack					
37.	Caffeine Alfa	100 grams	1 pack					
38.	Calcium chloride dihydrate	500 grams	1 pack					
39.	Estradiol	1 gram	2 packs					
40.	Fetal bovine serum	500 ml	1 pack					
41.	Folltropin	20 ml	1 pack					
42.	Gentamicin	10 ml	1 pack					
43.	GlutaMAX	100 ml	1 pack					
44.	Heparin	100 KU	1 pack					
45.	HEPES	25 grams	1 pack					
46.	Magnesium chloride hexahydrate	100 grams	1 pack					
47.	MEM-NEAA	100 ml	1 pack					
48.	Myo-inositol	100 grams	1 pack					
49.	M199 + Earle's salts	500 ml	1 pack					
50.	Potassium phosphate monobasic	100 grams	1 pack					
51.	Sterile water	1 L	1 pack					
52.	Sodium bicarbonate	500 grams	1 pack					
53.	Sodium citrate tribasic dihydrate	100 grams	1 pack					
54.	Sodium-DL- lactate solution	100 ml	1 pack					
55.	Sodium pyruvate	100 ml	1 pack					
56.	Absorbent under pads	50/pack	1 pack					

57.	Reusable Polypropylene Low-Form Graduated Beakers (5L, 2L, 1L)	1/pack	2 pieces each					
58.	Bacteriological Petri Dishes, 35 mm, Easy Grip	500/case	2 pack					
59.	Media syringe 0.22 $\mu$ m filters	30 pcs/Unit	2 pack					
60.	Nalgene FastCap Large Volume Bottle Top Filter	1/unit	1 pack					
61.	Nunc 4-Well Dishes for IVF	120/case	2 pack					
62.	Reusable glass Media Storage Bottles (100ml, 250 ml, 500 ml, 1L, 2L)	1/pack	4 pieces each					
63.	Serological pipettes 10 mL	500/case	2 packs					
64.	Sterile cell strainers, 70 $\mu$ m	50/case	2 packs					
65.	Sterile syringes for single use	50/case	2 packs					
66.	Aerosol BarrierPipetteTips (1000 $\mu$ l, 200 $\mu$ L, 20 $\mu$ L)	96/box	10 pack each					
67.	Cell Strainer, 100 $\mu$ m	50/case	2 packs					
68.	Captrol(s)	1/pack	1 pack					
69.	Citohaw	1/pack	1 pack					
70.	Hemostat(s)	1/pack	1 pack					
71.	Hypoxia Chamber	1/pack	1 pack					
72.	Kimwipe	50/case	1 pack					
73.	Scalpel blades and handles, sterile and stainless steel							
74.	Scissors, stainless steel							
75.	Strainer							
76.	Vortex mixer CM 101, on touch mode 2500 RPM	1 Nos	1 pack					

**7. List of Oligo and sequencing services required for molecular biology work :**

Sl. No	Chemicals	Unit	Tentative quantity	MRP	Quoted Price	GS T	Unit price (6+7)	Total price (8X4)
1.	2.	3.	4.	5.	6.	7.	8.	9.
1.	Sanger Sequencingunpurified sample	Forward and reverse sequence for each sample	50 samples					
2.	Whole Metagenome sequencing – Illumina platform	Per sample	5 sample					
3.	16s r RNA Metagenome sequencing- Illumina platform	Per sample	10 sample					
4.	Oligo synthesis with modification (STR Marker)- 100nmole HPLC grade	Per marker (separate price to be quoted for each modification: : 6`FAM, CY5, CY3, BHQ1,BHQ2, THIOI)	Based on the objective of study/15 samples					
5.	Primers- 25nmole DNA OligoDesalted	Variable (20- 25bp)	Based on the objective of study (~ 500bp)					
6.	Vortex mixer CM 101, on touch mode 2500 RPM	1 Nos	1 pack					



7.	Pipette set (10, 20, 100, 200, 1000 µL)	1 Nos	1 No each					
8.	Electrical multi Channel pipettes (8 wells)	1 Nos	1 No each					

#### 8. List of chemicals for histopathology work:

Sl. No	Chemicals	Pack size	Tentative quantity	MRP	Quoted Price	GST	Unit price (6+7)	Total price (8X4)
1.	2.	3.	4.	5.	6.	7.	8.	9.
1.	Formaldehyde Solution 37%	500ml	5 pack					
2.	Harris's Hematoxylin	125ml	2 packs					
3.	Masson's Trichrome Stain	100ml	1 pack					
4.	Alcian blue	100ml	1 pack					
5.	Kluever-barrera staining kit	100 ml	1 packs					

NB:

1. The quantity laboratory consumables will change according to the need in the monthly indent
2. The monthly indent will be in the brand name from reputed brands e.g. Takara Bio, Himedia Laboratories, Promega Biotech Corporation, Eppendorf Corporate, Abdos Labtech Pvt. Ltd., Integrated DNA Technologies, Eurofins Scientific, Sisco Research Laboratories Pvt. Ltd., Sigma Laboratories Pvt. Ltd., Tarson Products Pvt. Ltd., Nalgen Bio Pvt. Ltd., Eagle bioscience, Calbiotech, XEMA LLC, Qiagen N.V., Bio-Rad Laboratories, Agilent Technologies, Abbott India Limited, Cole-Parmer Instrument Company, LobaChemie Pvt. Ltd., Abcam Limited, Novas Laboratories Pvt. Ltd., Riviera Glass Pvt. Ltd., Polylab India Limited, Glassco Laboratory Equipments Pvt. Ltd., Merck & Co., Nice Chemicals Pvt. Ltd., Moxcare Products, IMV Technologies, Whatman, Genetix Biotech Asia Pvt. Ltd, Thermo Fisher Scientific, Sartorius AG, Borosil Scientific Limited, Axiva Sicheem Pvt. Ltd., Beckman Coulter India Pvt. Ltd., Sigma-Aldrich Chemicals Pvt. Ltd., Elabscience Biotechnology Co. Ltd., Arbor Assays, Biomerieux, Axygen Scientific, Millipore and

Qualigen Laboratories Pvt. Ltd., Barcode Biosciences Pvt.Ltd, Bangalore and GCC BIOTECH, Kolkata

3. Any other glass ware/plastic ware/ laboratory chemical of new composition will be procured as per the requirement.

**DEPONENT**

UNDERTAKING

1. That I/we have carefully studied all the terms & conditions and shall abide by it.
2. That I/We shall supply the items of requisite quality and due time.
3. That I/We undertake that sample of items will be kept ready for inspections if desired by Nandankanan Zoological Park authority. I/We shall be responsible for the cancellation of tender if samples are not up to mark.
4. That I/We undertake that the information given in this tender are true and correct in all respect and I/We hold the responsibility for the same.
5. Further I undertake that I do not have any criminal proceedings pending against me and I never defaulted / blacklisted for supply of laboratory chemical glass ware & plastic wares items to Nandankanan Zoological Park or any other institutions in previous occasions.

**Place:**

*Signature of the tenderer*

**Date:**