



GOVERNMENT OF INDIA

Zoological Survey of
IndiaM-Block, New
Alipore, Kolkata-700
053

REQUEST FOR PROPOSAL
SETTING-UP THE WILDLIFE FORENSIC FACILITY IN MAMMAL SECTION
IN TWO BID SYSTEM.

**Tender Reference Number: F.340-
1/2023/Tech(Infrast.facility)/29928; Dated: 21st Dec 2023**

On behalf of the President of India, Director Zoological Survey of India, New Alipore, Kolkata-53 invites. The bidder must submit their offer in two separate sealed envelopes. The tender can be viewed at <https://zsi.gov.in/App/index.aspx> The Tender is divided into five parts as follows:-

Part-1(A to D) : "TERMS & CONDITIONS" & "TECHNICAL BID" of the Tender.
Part-2 : "PRICE BID" of the

Tender. The main details of Tenders are

as follows:-

BID REFERENCE No. : F. 340-1/2023/Tech(Infrast.facility)/29928;
Dated: 21st Dec 2023

PLACE OF OPENING OF BIDS : **Zoological Survey of India**
New Alipore, Kolkata - 700053

BID SECURITY (EMD) : **Rs. 10,000.00 (Ten Thousand Rupees Only)**

The dates for submission and opening of the tender mentioned above are final. In case some other dates for these are mentioned elsewhere in the tender document, it shall prevail over them.

This Document Contains - 19 Pages

Please superscribe the Title, Reference number and date of opening of the Bids on the sealed cover to avoid the Bid being declared invalid.

For any communication regarding this tender, kindly mention Bid Reference No i.e.F.340-1/2023/Tech(Infrast.facility)/29928; Dated: 21st Dec 2023, on the main envelop of the correspondence

The sealed envelope containing "Terms & Conditions", "Vendor Evaluation Form", "Technical bid", AND "Evaluation Criteria" on prescribed tender document should reach the DIRECTOR, ZOOLOGICAL SURVEY OF INDIA, NEW ALIPORE, KOLKATA on or before 05/01/2024 up to 5:00p.m. otherwise the tender will not be accepted.

Bidders are required to submit Earnest Money Deposit (EMD) for amount of Rs **10,000/- (Rupees Ten Thousand only)** respectively along with their bids. EMD may be submitted in the form of Account payee Demand Draft/Bank Draft should be in favour of "**PAO (BSI/ ZSI)**", payable at **Kolkata**" in a separate sealed envelope. No exemption in earnest money shall be given. All tenders submitted without requisite amount of earnest money shall be rejected and their financial bids shall not be opened.

It will be the responsibility of the bidders to check website <https://zsi.gov.in/App/Index.aspx> for any amendment through corrigendum in the tender document. In case of any amendment, bidders will have to incorporate the amendments in their bid accordingly.

Head of Office, ZSI

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GOVERNMENT OF INDIA

Zoological Survey of
IndiaM-Block, New
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053

PART – 1(A)

TERMS & CONDITIONS

RENOVATION OF DIPTERA SECTION.

Critical Dates:-

Sl No	Particulars	Date & Time
1.	Date of uploading of N.I.T. & other Documents (Publishing Date)	26/12/2023
2.	Documents download / sell start date	26/12/2023 at 05:00 PM
3.	Bid submission start date	27/12/2023 at 10:00 AM
4.	Bid Submission closing	05/01/2024 up to 5:00 PM
5.	Bid opening date for Technical Proposals	08/01/2024 at 12.00 Noon
6.	Date for opening of Financial Proposal	TO BE NOTIFIED LATER

1. **Last date and time for depositing the Bids:** On line Bids should be submitted by the due date and time. The responsibility to ensure this lies with the Bidder.

2. **Manner of depositing the Bids:**

Sealed Bids should be either dropped in the Tender Box marked as DIRECTOR, ZOOLOGICAL SURVEY OF INDIA or sent by registered post at the address given below so as to reach by the due date and time. Late / Delayed tenders will not be considered. Printed conditions of the vendor submitted with the tender will not be binding on Zoological Survey of India. No responsibility will be taken for postal delay or non-delivery / non-receipt of Bid documents. Bids sent by FAX or e-mail will not be considered. Please superscribe the above mentioned Title, Request for Proposal No and date of opening of the Bids on the sealed cover to avoid the Bid being declared invalid.

**Address: Director, Zoological Survey of
India Prani Vigyan Bhawan, M-
Block, New Alipore, Kolkata-
700053**

3. **Time and date for opening of Bids:**

(If due to any exigency, the due date for opening of the Bids is declared a closed holiday, the Bids will be opened on the next working day at the same time or on any other day/time, as intimated by the Buyer).

4. **Location of the Tender Box:** - ZOOLOGICAL SURVEY OF INDIA, 1st Floor Room No-1/3, Prani Vigyan Bhawan, M Block, New Alipore, Kolkata-7000053. Only those Bids that are found in the tender box will be opened. Bids dropped in the wrong Tender Box will be rendered invalid.
5. **Opening of the Bids:** On line bids will be opened by ZSI officials on due date.
6. **Two Bid System:** Only the Technical Bid would be opened on 08/01/2024 Time 12:00 Noon. Date of opening of Commercial Bid will be intimated after acceptance of the Technical Bids. Commercial Bids of only those firms will be opened, whose Technical Bids are found compliance / suitable after Technical Evaluation is done by the Institute.
7. **Forwarding of Bids:** Bids should be forwarded by Bidders under their original memo / letter pad inter alia furnishing details like GST number, etc. and complete postal & e-mail address of their office. Bidders are requested to carefully read the Request for Proposal before forwarding the bids.
8. **Modification and Withdrawal of Bids:** A bidder may modify or withdraw his bid after submission provided that the written notice of modification or withdrawal is received by the Buyer prior to deadline prescribed for submission of bids. A withdrawal notice may be sent by fax but it should be followed by a signed confirmation copy to be sent by post and such signed confirmation should reach the purchaser not later than the deadline for submission of bids. No bid shall be modified after the deadline for submission of bids. No bid may be withdrawn in the interval between the deadline for submission of bids and expiration of the period of bid validity specified. Withdrawal of a bid during this period will result in Bidder's forfeiture of bid security / rejection of bids.
9. **Clarification regarding contents of the Bids:** During evaluation and comparison of bids, the Buyer may, at its discretion, ask the bidder for clarification of his bid. The request for clarification will be given in writing and no change in prices or substance of the bid will be sought, offered or permitted. No post-bid clarification on the initiative of the bidder will be entertained.
10. **Rejection of Bids:** Canvassing by the Bidder in any form, unsolicited letter and post-tender correction may invoke summary rejection with forfeiture of EMD. Conditional tenders will be rejected.
11. **Validity of Bids:** The Bids should remain valid till 30 days from the last date of submission of the Bids.
12. **Language of Bids:** All documents relating to the bid shall be in the English Language.
13. **Currency of the Bids and Payments:** The Unit Prices and amounts shall be quoted by the bidder entirely in Indian Rupees only.
14. **Examination of Bids and Determination of responsiveness:** Information relating to examination, clarification, evaluation and comparison of bids and recommendations for the award of contract shall not be disclosed to bidders or any other persons, not initially concerned with such process until the award of the successful bidder been announced. Any effort by the bidder to influence the official of ZSI processing of bids or award decision may result in the rejection of the bidder's bid.

15. **Earnest Money Deposit:** Bidders are required to submit Earnest Money Deposit (EMD) for amount of Rs **10,000/- (Rupees Ten Thousand Only)** along with their bids. The EMD may be submitted in the form of Account Payee Demand Draft in favour of PAO, (BSI/ZSI), payable at Kolkata in a separate sealed envelope. All tenders (other than registered firm) submitted without requisite amount of earnest money shall be rejected and their financial bids shall not be opened. EMD is to remain valid for a period of forty-five days beyond the final bid validity period. EMD of the unsuccessful bidders will be returned to them at the earliest after expiry of the final bid validity and latest on or before the 30th day after the award of the contract. The EMD will be forfeited if the bidder withdraws or amends, impairs or derogates from the tender in any respect within the validity period of their tender. EMD of successful bidder will be converted into Performance Guarantee. Performance Guarantee should be valid up to successful delivery of item.
16. Interested parties who fulfill following criteria are only eligible for purchase contract: -
- (a) Registered with GST No. Must have registered shop/office/show room. (please attach requisite documents)
 - (b) Experience of similar works in Central Government Organization. (please attach requisite documents)
 - (c) The firms/bidders should not have been blacklisted by any Department of Govt. of India. The tendering firms/ bidders shall have to give a notarized affidavit on a stamp paper of appropriate value to the effect that they have not been blacklisted or their business dealings with Department of Govt. of India have not been banned. (please attach requisite documents)
17. For further information/clarification in this respect, please contact Head of Office and Stores Officer, ZSI during working hours.
18. No increase in rates will be allowed during the Contract Period due to any reason, after opening the bids.
19. In case, GST etc. are reduced or increased subsequently by the Government at the time of placement of the Purchase Order, then the same will be adjusted by either party on production of requisite proof.
20. The prices quoted should be inclusive of all taxes etc. and no hidden cost may be given.
21. **Arbitration:** All disputes or differences arising out of or in connection with the Contract shall be settled by bilateral discussions. Any dispute, disagreement or question arising out of or relating to the Contract or relating to construction or performance, which cannot be settled amicably, may be resolved through arbitration. The standard clause of arbitration is as per Zoological Survey of India regulations.
22. **Performance Guarantee:** EMD of successful bidder will be converted into Performance Guarantee. Performance Guarantee should be valid up to successful delivery of item. No exemption with regard to Performance Guarantee will be given to any firm.
23. **Penalty for use of Undue influence:** The Seller undertakes that he has not given, offered or promised to give, directly or indirectly, any gift, consideration, reward, commission, fees, brokerage or inducement to any person in service of the Buyer or otherwise in procuring the Contracts or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of the present Contract or any other Contract with the Government of

India for showing or forbearing to show favour or disfavour to any person in relation to the present Contract or any other Contract with the Government of India. Any breach of the aforesaid undertaking by the Service Provider / Seller or any one employed by him or acting on his behalf (whether with or without the knowledge of the Seller) or the commission of any offers by the Seller or anyone employed by him or acting on his behalf, as defined in Chapter IX of the Indian Penal Code, 1860 or the Prevention of Corruption Act, 1986 or any other Act enacted for the prevention of corruption shall entitle the Buyer to cancel the contract and allow any other contracts with the Seller and recover from the Seller the amount of any loss arising from such cancellation. A decision of the ZSI/ Buyer or his nominee to the effect that a breach of the undertaking had been committed shall be final and binding on the Seller. Giving or offering of any gift, bribe or inducement or any attempt at any such act on behalf of the Seller towards any officer/employee of the Buyer or to any other person in a position to influence any officer/employee of the Buyer for showing any favour in relation to this or any other contract, shall render the Seller to such liability/ penalty as the Buyer may deem proper, including but not limited to termination of the contract, imposition of penal damages, forfeiture of the Bank Guarantee and refund of the amounts paid by the Buyer.

24. This Request for Proposal will be binding to the successful vendor as contract documents. Purchase Order will be issued to successful firm with applicability of all terms & conditions of this Request for Proposal.

25. **Delivery Period:** Items are required to deliver at ZSI HQ Kolkata within 45 days from issuance of Purchase Order. Purchase Order will be placed as and when requirement arises.

26. **Liquidated Damages:** In the event of the seller's failure to supply the stores/goods as mentioned in the purchase order the Buyer may, at this discretion, withhold any payment until the completion of the contract. The Buyer may also deduct from the seller as agreed, liquidated damages to the sum of 0.5% of the purchase order price of the delayed/undelivered stores for every week of delay or part of a week, subject to the maximum value of the Liquidated Damages being not higher than 5% of the value of delayed stores.

27. Payment for the items to be supplied by the firm / vendor against the Purchase Order shall be made by ZSI as follows:-

- (a) Payment will be made after Supply & installation of items and quality verified by ZSI.
- (b) 100% after supply as per Purchase Order and physically verified by the competent authority against invoice with PAN number, GST No raised by the firm / contractor. TDS will be deducted as Govt. of India rules / instructions.
- (c) Firm can submit separately bill either for line no 1 or 2 as per price bid as and when work completed or both. However satisfactory services are required from user before submitting the bills

28. The Lowest Bid will be decided upon the lowest price quoted by responsive suitable technically qualified Bidder. Lowest cost will be decided upon lowest process quoted for each line / items. Purchase Order would be placed to L1 firm who meets all criteria mentioned in the tender as and when requirement arises. Buyer reserves the right to place Order Either for Option 1 or 2 or 3 or all as per the requirement arises.

29. The Director Zoological Survey of India reserves the right to reject any or all quotations without assigning any reason therefore.

30. Decision of the Director Zoological Survey of India will be final and binding for all concerned.

31. All disputes subject to Kolkata jurisdiction only.
32. **Payment Terms for Indigenous Seller:** It will be mandatory for the Bidders to indicate their Bank account numbers and other relevant e-payment details so that payments could be made through ECS/EFT mechanism instead of payment through cheque, wherever feasible. A copy of the model mandate form prescribed by RBI to be submitted by Bidders for receiving payments through ECS. The payment will be made as per the following terms, on production of the requisite documents:
33. 100% of the total cost of the order after delivery, inspection, acceptance of items and installation/commissioning at user site, duly supported by photo copy of bank guarantee.
34. **Paying Authority:** Pay & Accounts Officer (BSI/ZSI), Kolkata.
35. **Indigenous Seller:** The payment of bills will be made on submission of the following documents by the Seller to the paying Authority along with the bill:
- I. Ink-signed copy of contingent bill / Seller's bill.
 - II. Ink-signed copy of Commercial invoice.
 - III. Copy of supply Order/Supply order with U.O. number and date of IFA's concurrence, where required under delegation of powers.
 - IV. Details for electronic payment viz Account holder's name, Bank name, Branch name and address, Account type, Account number, IFSC code, MICR code (if these details are not incorporated in supply order/ Supply Order).
 - V. Any other document / Certificate that may be provided for in the Supply Order.
 - VI. User Acceptance.
36. **Transportation:** The following Transportation clause will be the part of the contract placed on successful Bidder:-
- (a) The Transportation and delivery of the items at the consignee unit would be the responsibility of the vendor under his own arrangements.
37. This tender is being issued with no financial commitment and the Buyer reserves the right to change or vary any part thereof at any stage. Buyer also reserves the right to withdraw the tender should it become necessary at any stage.
38. The tenderer has to submit tender specific authorisation certificate from the OEM (In case the bidder is the authorised dealer).
39. The tenderer should stand for standard warranty clause of 01(one) year and 10 years support in terms of repairing & supply of spares of the products they quote/supply.
40. The tenderer should be in a position to show similar execution of said Furniture (at place of the Purchaser), if needed, before finalization of the order.
41. Data sheet of the product(s) offered in the tender, are to be enclosed along with the tender documents. Purchaser matches and verifies the data sheet with the product specifications offered. In case of any mismatch technical parameters, the tender is liable for rejection. Any deviations from the specifications should be clearly mentioned. The tenderer must enclose the Catalogue, Pictures of the specified Items.
42. There may be provision to visit/ inspect the manufacturing plant by the customer during the manufacturing of similar type of products which are to be purchased by the customer. Or in demand the necessary Mock-Up to be placed at the site of Purchaser.
43. The tenderer should enclose a list of similar orders executed by them within a span of last 3 years. Order copy of a single order of value more than 11.00 (Eleven) lacs, Two Order Copy of value more than 08.80 (Eight Point Eight) lacs and Three Order Copy of value more than 06.60 (Six Point Six) lacs to be furnished along with tender documents and the completion certificate of those orders.

- 44.** The tenderer should quote for all the items. Part proposal will not be accepted.
- 45.** OEM should have SEFA Membership Certificates for Last five years on a continuous basis.
- 46.** Test Report: Welded Cabinets should be third-party tested for SEFA 8M by NABL approved Lab.
- 47.** Membership Certificate: Manufacturer should have the performance requirements described in the latest SEFA 10-2016 class 7/8 guideline for the most adaptive range of furniture. The product should also have SEFA 8M-2016 for laboratory grade metal casework. Should have the certification from the competent SEFA approved test lab. It should also be mentioned on the website of SEFA (<https://www.sefalabs.com/>). The product should be certified as per EN 13150; EN 14727. The manufacturer should be a member of BIFMA & IGBC (Indian Green Building Council). Bidder should submit OEM certificate for ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO 50001:2018, ISO 13485:2016/NS-EN ISO 13485:2016 from NABCB accredited organization. Certificates obtained from any other non-approved agency will not be acceptable.
- 48.** Make in India Status: As per Public Procurement (Preference to Make in India PPP - MII) Order, 2017 (as amended and revised till date) OEM/ Bidder should submit MII certificates based on the following: Class-I Local Supplier/ Class-II Local Supplier.

Local Content	%age	Location(s) of value addition	Plant
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- 49.** The bidder should be a manufacturer registered in India or their authorized dealer or should be 100% subsidiary in India of parent company, if any. Joint ventures are not accepted.
- 50.** Bidder has to submit 3D/ Isometric View of the quoted items in the specification date sheet.
- 51.** This office reserves the right to cancel the tender at any point of time without assigning any reason.

Head of Office, ZSI

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DECLARATION BY THE FIRM / VENDOR

It is hereby declared that I/We the undersigned, have read and examined all the terms and conditions etc. of the Request for Proposal for which I/We have signed and submitted the bid under proper lawful Power of Attorney. It is also certified that all the terms and conditions of the tender document are fully acceptable to me/us and I/We will abide by the conditions from serial No 1 to 50. This is also certified that I/We/our OEM / Service Provider / Firm have no objection in signing the contract if the opportunity for the services against this tender is given to me/us.

Date:.....

Signature

Address:.....
.....
.....

Name:.....

Designation:.....

On behalf of:.....

(Company Seal)



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PART - 1(B)
VENDOR EVALUATION FORM
ZOOLOGICAL SURVEY OF INDIA, NEW ALIPORE,
KOLKATA

Sl No	Particulars	To be filled in by the Tenderer
1.	Name of the Firm/ Service Provider	
2.	Full address of Firm along with Telephone no. Fax no. E-mail address : (Please attach documentary proofs)	
3.	Are you a OEM or dealer / Firm (Please attach documentary proofs)	
4.	Are you a Registered under Indian Companies Act? (Please attach documentary proofs)	
6.	Annual turnover in last 3 financial years in Lacs. i. Year 2020-2021 ii. Year 2021-2022 iii. Year 2022-2023 (Please attach documentary proofs)	
7.	Proof of experience for supply of similar works in Central Government Organization	
8.	GST Registration No with Place (Please attach documentary proofs)	
9.	Income Tax Registration No with place (Please attach documentary proofs)	
10.	Notarized Affidavit of undertaking that the firm has not been blacklisted / debarred by any Department of Govt. of India (Please attach documentary proofs)	
11.	Whether the firm accepts the terms and conditions of Request for Proposal	

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Signature and seal of the bidder:



PART – 1(C)

TECHNICAL SPECIFICATIONS FOR LABORATORY FURNITURE

Sr. No.	Description
1	Technical Specifications – Laboratory Furniture
2	List Of Approved Makes

LABORATORY FURNITURE

Scope of Work

- Supply and Placement of Laboratory Workbenches/Storage units including granite worktops and other supporting structures/hardware's based on the specified Make List. This includes delivery to ABC, unloading the consignment and transporting it from the place of storage to the placement site.
- Supply & Placement of all utility service outlets and accessory fittings, electrical receptacles, plumbing and electrical switches & fittings identified on drawings as mounted on the laboratory furniture.
- Supply & Placement of all laboratory sinks, bottle traps, drain troughs etc.
- Removal of debris, dirt and rubbish accumulated as a result of placement/commissioning of the laboratory furniture and accessories and leaving the premises broom clean and orderly.

Basis of Work

- It is the intent of this specification to use specified make list as the standard of construction for steel laboratory furniture. The construction standards of this product line shall provide the basis for quality and functional placement.
- ZSI reserves the right to reject qualified or alternate proposals and to award based on product value where such action assures the owner greater integrity of product.
- Participants in the quotation process have the option of clarifying deviations to the specified design, construction or materials. Without such clarifications, sealed quotations to ZSI will be construed as being in total conformance to the requirements of the specification.

Quality Assurance

- The steel laboratory furniture manufacturer shall provide work tops and casework all manufactured & shipped with proper packing & should take the full responsibility of the entire Scope of Works as specified in the tender.
- General Performance: Furniture shall meet the performance requirements and should follow SEFA 8 guidelines

Submittals

- Manufacturer's Data: Submit placement instructions for each type of casework.
- Samples: Samples if called for will be reviewed for colour, texture, and pattern only.
- Shop Drawings – Submit shop drawings for furniture assemblies showing the required details.

Products/Manufacturers

- The selected manufacturer must warrant for a period of one-year starting (date of acceptance or occupancy, whichever comes first that all products sold under the contract referenced above shall be free from defects in material and workmanship.
- ZSI will retain the above samples of the successful manufacturer or owner to insure that material delivered to jobsite conforms in every respect to the samples submitted if need be.

TECHNICAL SPECIFICATIONS

C-FRAME SYSTEM

All C-Frames assemblies should be manufactured from standard hollow metal sections; confirming to I.S. Code 7138:1973 (Indian Standard specification for steel tubes for furniture) and all sheet metal components should be of CRCA confirming to IS Code 513:1994. The suspended under-bench welded units should be supported on heavy-duty steel frames fully carrying the load of worktops. Its superior strength combined with aesthetically appealing end caps shall give maximum flexibility and modularity while making a layout. C-frame should be constructed from a rectangular pipe with a cross section of 60mm x 30mm and should be 2 mm thick and should be without a vertical front leg to give a clean look. This shall provide more knee space or leg space and would facilitate uninterrupted lateral movement of the under-bench units within the bench run. The C-frame legs should be supplied with adjustable feet (tolerance from -5mm to +20mm) to correct the unevenness of flooring. The tubular enclosed type construction shall discourage dust accumulation and unwanted development of bacteria & fungus.

Drainage gradient should be well adjusted throughout the length of table and should have horizontal supports for drainage systems. The structure should have a removable back panel to provide access for maintenance throughout the length of table. The C-frame shall also have skirting at back bottom side. It should be suitable for sitting and standing nominal heights of 750mm & 900mm respectively. The nominal table depths should be 620 mm, 770 mm and 920 mm for wall side and 1240mm, 1540mm, 1840mm for Island tables. The Corner Units shall fit well with 770mm & 920mm table depths. All frame-work is should be pre-treated with superior pure epoxy powder coated finish.

The C-Frames should be for suspended storage cabinets or for cabinets that can slide through-and-through from one end of the workbench to the other through C-Frames (configuration depends upon the Schedule of Quantities)

HORIZONTAL MEMBERS

These should be made from rectangular pipes of 2mm thickness. Cross-sectional dimensions of the pipe should be 60 x 30 x 2 mm. They should be made of CRCA MS and coated with pure epoxy powder. These connect two C-Frames together as shown using C-clamps/U-clamps. Together with the C-Frames and Horizontal Members connected together, the skeletal structure of the work-bench is formed on which the worktop can be placed and the hanging-type storage cabinets can be suspended. Horizontal Members determine the width of the lab workbench as they form the member (distance) between two adjacent C-Frames. They should be available in various widths of 600, 750, 900, 1050, 1200, 1350, 1500, 1650, and 1800

REMOVABLE BACK PANELS

These cover panels cover the service lines that run behind them. These should be easily removable (unclipped) and the service line be accessed for maintenance. This allows the equipment on workbench to remain undisturbed They should be made of CRCA MS with pure epoxy powder coating and are of 1mm thickness

COVER PANELS

All side cover panels and back panels, filler panels should be made from CRCA MS panels of 1.0mm thickness with pure epoxy powder coating.

WELDED UNDER-BENCH STORAGE CABINETS

Welded cabinet body should be of flush face construction with intersection of vertical and horizontal members like LH and RH side panel along with front horizontal channel, back panel and bottom panel. It should be relocated anywhere easily as it is an independent unit. Cabinet should be of square non-sharp edge construction. Doors should be assembled with SS-304 hinge assembly. Removable back panel should be provided to easily access the service lines running behind the cabinet benches. Intermediate horizontal channels should be provided between door and drawer. Shelf should be eight bend panel with 20mm height. Drawer tray should be of single piece construction. Drawer should be well supported on LH and RH ball slide suspension system. Steel door and drawer front is of double wall construction with sound dampening material filled inside. Doors should be easily removable and hinges should be easily replaceable. Knee space panel should be in 22 gauge construction.

Storage Units to be should be suspended types.

(Depending upon the requirement in the schedule of quantity)

Dimensions: W=300/450/600/750/900 mm, D = 530mm, H = 635/485 mm. **Configurations:** 1 Shutter / 2 Shutters + No Drawer/1 Drawer/2 Drawers/3 Drawers, **MOC:** MSCRCA: IS – 513 (1994), **Thickness:** LH/RH side panels, shutter front, Bottom panel, Top front, Drawer separator, shelf, Alignment channel should be of 1.2mm thk. Removable Back panel, Shutter cover, Fr. Rack strip, Top cover panel should be of 0.8mmthk. **Finish:** Powder

coating pure epoxy, thickness 40-50 microns. **Handle:** Anodized Aluminium Recessed-Type, **CTC:** 160.0mm. **Lock:** Units have a locking facility with 180° and 10 lever cam lock mechanism (except for sink and corner unit). **Hinge:** Knuckle-butt type SS Hinge. **Screw:** SS304. Shutter should be of twin-type construction with sound dampening effect using profeel. Shutter cover should be equipped with Bump on for sound dampening. Ball Slide: 500mm Length (required only for drawer unit). Shutter should have provision of roller catch

WELDED OVER-HEAD STORAGE CABINETS

The construction should be the same as the under-bench cabinets. The height of these cabinets should be around 635mm while the depth should be around 340mm. The shutters should be available in two options: Metal shutters and Metal frame with inserted glass. There should be one height-adjustable shelf inside each cabinet. Other construction should be similar to under-bench cabinet

SERVICE FITTINGS AND ACCESSORIES

Service fittings should be laboratory grade, and water faucets and valve bodies should be cast red brass alloy or bronze forgings, all fittings should be powder plated unless specified otherwise. **Service Indexes:** Fittings should be identified with service indexes in the color coding as per DIN 12920.

ELECTRICAL TRUNKING

Used for housing electrical switches and sockets, data and voice points, its top panel, bottom panel of the trunking should be made from 1.0 mm thick CRCA MS panel. It should be available in both, single sided and double sided configurations. It should be made from CRCA MS with pure epoxy powder coating. The front surface that houses the electrical points should have a slope

LABORATORY SINK AND ACCESSORIES

Polypropylene Molded Sinks: Made up of 5 mm thick high density and elastic poly propylene with good resistance to organic solvents. Standard bowl size (L x W x D) is 500 x 400 x 300 mm. Faucet should be 1-way type faucet of approved make

WORKTOP

It should be 19mm (+/- 2mm) thick Jet Black Granite worktop. The exposed edges of the worktop should be chamfered and smoothened. The bottom of the worktop should be polished and there should be a V-groove throughout the length of the exposed edges to protect the cabinets from coming in contact with the spillages. The overhang on the storage cabinet is 25 mm at the front side and 30 mm at the sides. The backing material used is a neoprene mat of 6 mm thickness. A representation the worktop edges is shown as under

REVOLVING LAB STOOL WITH MECHANISM HEIGHT ADJUSTABLE & BACK HIGH BASE LEATHERETTE FINISH

The seat is made up of 1.2 cm thick Commercial Grade plywood with moulded Polyurethane foam and is upholstered with replaceable fabric covers. The upholstery is available in Leather cloth and Fabric. **SEAT SIZE:** Diameter 40.0 cm/ **Adjustments:** 360 Degree Revolving type. The back foam is designed with contoured Lumbar support for extra comfort. The upholstery is available in Leather cloth and Fabric. **Back Size:** 45.0 cm (W) covered with U foam. The polyurethane foam is moulded with density = 45 +/- 2 kg/m³ and Hardness 20 +/- 2 on Hampden machine at 25% compression. The manual height adjustment is very easy to operate with a help of a knob. It can be easily locked at the most comfortable position. The five-prong pedestal is fabricated from 0.2cm. Thick CR steel, powder coated and fitted with an injection moulded black Polypropylene Hub Cap and 5 nos. twin wheel castors. (Castor wheel diameter 5.0cm.) The pedestal is 55.0cm pitch-circle diameter (65.0 cm with castors). Circular foot ring of dia. 520 mm made from 19 mm dia. MS ERW Tube for foot support in High-base stool. The twin wheel castors are injection moulded in Black Nylon.

REVOLVING MESH NET FULL BACK CHAIR WITH HEADREST

The seat shall be made up of 1.5 ±0.1cm. thick hot-pressed plywood and upholstered with fabric upholstery covers and molded Polyurethane foam. The seat shall be extra thick foam on front edge to give comfort to popliteal area. The Back shall be injection molded in glass filled Polypropylene which shall be upholstered with Mesh fabric. The back shall be consist of adjustable lumbar support made of injection molded Polypropylene having an adjustment of 5.0 ±0.1 cm. The chair seat & back size shall be Seat Size 53.5 cm. (W) x 51.0 cm. (D) and Mesh Back Size 51.0 cm. (W) x 70.0 cm. (H). The HR polyurethane seat foam shall be molded with density 45±2 kg/m³ and hardness 16±2 kgf as per IS: 7888 for 25% compression. The adjustable armrest shall be designed with the following

features: Up-Down adjustment- 6 steps ($7.2 \pm 0.5\text{cm}$ range), Armrest top is mounted on Armrest structure made of glass filled Nylon, and Armrest Top shall be PU molded over glass filled Nylon insert. The mechanism shall be designed with the following features: 360° revolving type, 3 position locking with anti-shock mechanism, Tilt tension adjustment. The Headrest sub-assembly shall be made up of injection molded glass filled Polypropylene which shall be upholstered with molded HR polyurethane foam and fabric. It should an adjustment of $4.0 \pm 0.1\text{cm}$ & it is assembled over mesh back chair. The complete headrest assembly shall be retro fit to the main chair. The pneumatic height adjustment with an adjustment stroke of $9.5 \pm 0.3\text{cm}$. The pedestal shall be injection molded in glass-filled Nylon and fitted with 5 nos. twin wheel castors. The pedestal shall be $66.1 \pm 0.5\text{cm}$. Pitch-center dia. ($76.1 \pm 1.0\text{cm}$ with castors). The twin wheel castors shall be injection molded in Black Nylon.

Sofa Seat extendable fabric

The sofa seat should be made of PU foam in density $28+2\text{ kg/cu. Mtr.}$ with an additional top layer of super soft PU foam in density $32+2\text{ kg/cu}$, upholstered with foam laminated Fabric. The under structure wood panel has to be made out of $1.2+0.1\text{cm}$. Thick hot pressed moisture resistance and termite proof as per IS: 303 engineer wood of cross sections devoid of major knots & surface defects. There shall be a Pull-out system works on rollers that allow smooth & effortless pulling out. It shall also equipped with magnets so that in closed position the pull-out section snaps into place and stays in place. Armrest shall be adjusted by inbuilt click clack mechanism for formal and causal seating. The unit shall optimized to provide twin drawer storage below the second mattress. Shutters shall be provided on both drawers. There should be provision for large ledge to display & flaunt showpieces, artifacts & collectibles. The framework structure below the wood panels shall be made out of metal to make the product sturdy & robust. The overall dimension of sofa cum bed shall not less than: $2000\text{ W} \times 860\text{ H} \times 1400\text{ D} \times 420\text{ Seat H}$.

List of Recommended Approved Makes

Steel	Tata Steel, Jindal Steel
Powder Coating	Kansai Nerolac, Berger Paints, Asian Paints
Emergency Devices, Water Faucets And Gas Valves, Fume Hood Utility Fittings	Watersaver, Broen
Switches And Sockets, Data And Lan Points	Northwest, Norisys
Locks	Hettich, Hafele, Godrej
Drawer Slides	Hettich, Hafele, Godrej
Sink (Pp Sink)	Kl Labs, Malaysia, Alloyplass
Worktop	Jet Black Granite
Blowers	Seat, Colasit, Almonard

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Signature and seal of the bidder:

Technical Bid Submission Format

(On Company Letterhead)

Name of the Main Item: _____

Tender No: Date:

To
The Director
Zoological Survey of India
Prani Vigyan Bhawan, M Block
New Alipore, Kolkata
West Bengal, India-700053

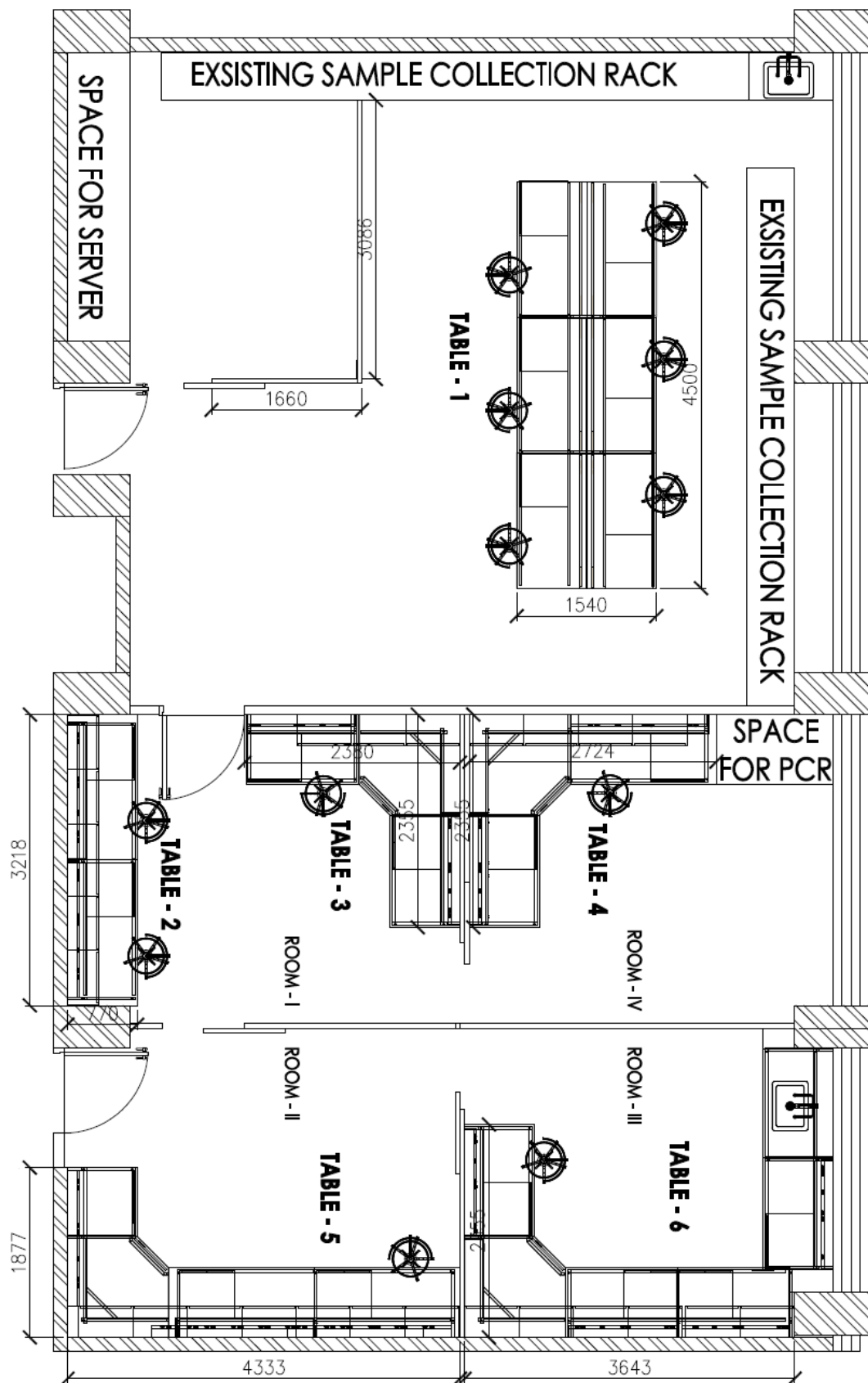
Sub: Technical specification for ITEM (pls. mention the item name and item code)

TABLE - A		
Sl. No.	Item Description	Technical Specification
1.	Supply of Mesh Full Back + Head rest	
2.	Supply of Island Table 1 [4500 x 1540] mm [As Per Drawing]	
3.	Supply of Rectangular Table 2 [3218 x 770] mm [As Per Drawing]	
4.	Supply of L- Shape Table 3 [2380 x 2355] mm [As Per Drawing]	
5.	Supply of L- Shape Table 4 [2724 x 2355] mm [As Per Drawing]	
6.	Supply of L- Shape Table 5 [4333 x 1877] mm [As Per Drawing]	
7.	Overhead 2 Shutter Glass door Storage Unit [600 W x 635 H] mm	
8.	Supply of Sofa Seat extendable fabric	

TABLE - B		
Sl. No.	Item Description	Technical Specification
1	Supply of C- Shape Table 6 [3643 x 2355] mm [As Per Drawing]	
2	Revolving Lab Stool with Mechanism Height Adjustable & back High Base leatherette finish	
3	Supply of Mesh Full Back + Head rest	

.....
Signature and seal of the bidder:

Date:



.....Signature and seal of the bidder:



PART - 1(D)

EVALUATION CRITERIA & PRICE BID ISSUE

The broad guidelines for evaluation of Bids will be as follows:

- (a) Only those Bids will be evaluated which are found to be fulfilling all the eligibility and qualifying requirements of the Request for Proposal, both technically and commercially.
- (b) Bids forwarded by the Bidders will be evaluated by the Buyer with reference to the technical specification of the items as mentioned in the Request for Proposal. The Price Bids of only those Bidders will be considered whose Bids would meet the technical parameters.
- (c) The Lowest Bid will be decided upon the lowest price quoted by the particular Bidder as per the Price Format. The Lowest Bid will be decided upon the lowest price quoted by responsive suitable technically qualified Bidder. Lowest cost will be decided upon lowest process quoted for each lines / items. Purchase Order would be placed to L1 firm who meets all criteria mentioned in the tender as and when requirement arises.
- (d) If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price will prevail and the total price will be corrected. If there is a discrepancy between words and figures, the amount in words will prevail for calculation of price.
- (e) The Lowest Acceptable Bid will be considered further for placement of contract / Supply Order after complete clarification and price negotiations as decided by the Buyer. The Buyer will have the right to award contracts to different Bidders for being lowest in particular items. The Buyer also reserves the right to do Apportionment of Quantity, if it is convinced that Lowest Bidder is not in a position to supply full quantity in stipulated time.

.....
Signature and seal of the bidder:



PART - 2
ZOOLOGICAL SURVEY OF INDIA, NEW ALIPORE,
KOLKATA PRICE BID FORMAT

(Bidders are requested to offer their price bid in the following format)

Table - A

Sr. No.	Item Description	Qty.	Basic Unit Rate (in Rs)	Total Basic Amount (in Rs)
1.	Supply of Mesh Full Back + Head rest	1 No		
2.	Supply of Island Table 1 [4500 x 1540] mm [As Per Drawing]	1 Set		
3.	Supply of Rectangular Table 2 [3218 x 770] mm [As Per Drawing]	1 Set		
4.	Supply of L- Shape Table 3 [2380 x 2355] mm [As Per Drawing]	1 Set		
5.	Supply of L- Shape Table 4 [2724 x 2355] mm [As Per Drawing]	1 Set		
6.	Supply of L- Shape Table 5 [4333 x 1877] mm [As Per Drawing]	1 Set		
7.	Overhead 2 Shutter Glass door Storage Unit [600 W x 635 H] mm	11 Nos		
8.	Supply of Sofa Seat extendable fabric	01		
Total Basic Amount (in Rs)				
CGST@9% (in Rs)				
SGST@9% (in Rs)				
IGST@9% (in Rs)				
Grand Total (in Rs)				

.....
Signature and seal of the bidder:

Date:



PART – 2
ZOOLOGICAL SURVEY OF INDIA, NEW ALIPORE,
KOLKATA PRICE BID FORMAT

(Bidders are requested to offer their price bid in the following format)

Table – B

Sr. No.	Item Description	Qty.	Basic Unit Rate (in Rs)	Total Basic Amount (in Rs)
1	Supply of C- Shape Table 6 [3643 x 2355] mm [As Per Drawing]	1 Set		
2	Revolving Lab Stool with Mechanism Height Adjustable & back High Base leatherette finish	12 Nos		
	Supply of Mesh Full Back + Head rest	1 No		
Total Basic Amount (in Rs)				
<u>CGST@9% (in Rs)</u>				
<u>SGST@9% (in Rs)</u>				
<u>IGST@9% (in Rs)</u>				
Grand Total (in Rs)				

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Signature and seal of the bidder:

Date: