



Ministry of Culture
Government of India



NATIONAL COUNCIL OF SCIENCE MUSEUMS

(Ministry of Culture, Govt. of India)

33, BLOCK GN, SECTOR V

BIDHAN NAGAR

KOLKATA – 700091

e-TENDER DOCUMENT

for

**FABRICATION, SUPPLY & INSTALLATION OF EXHIBIT
CABINETS/STRUCTURES INCLUDING INTERIOR DEVELOPMENT,
ELECTRICAL FITTINGS FOR THEMATIC GALLERY**

AT

WEST BENGAL ASSEMBLY HALL

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Disclaimer & Disclosures:

National Council of Science Museums (NCSM) reserves the right not to proceed with the Project or to change the configuration of the Project, to alter the time table reflected in this document or to change the process or procedure to be applied. It also reserves the right to decline to discuss the matter further with any bidder submitting the Tenders.

No contractual obligation on behalf of NCSM, whatsoever, shall arise from this tender unless and until a formal Contract / Agreement is signed and executed by duly authorized officers of NCSM and the bidder in due course after invitation of tenders.

NCSM may modify any / all of the terms of this tender process giving due notification through the NCSM's website (www.ncsm.gov.in).

NCSM will not be liable for any costs incurred by the Bidders in the preparation of the tender & its presentation. The preparation of Bidder's proposal will be made without obligation by NCSM to acquire any of the items included in the Bidder's product, or to select any Bidder's proposal, or to discuss the reasons why a particular Bidder's proposal is accepted or rejected.

All information included by the bidders in their proposal will be treated in strict confidence.

National Council of Science Museums, Kolkata

Tender No: I-18012/10/22(529)

Name of the work: FABRICATION, SUPPLY & INSTALLATION OF EXHIBIT CABINETS/STRUCTURES INCLUDING INTERIOR DEVELOPMENT, ELECTRICAL FITTINGS OF THE THEMATIC GALLERY at WEST BENGAL ASSEMBLY HALL

All bids must conform to the guidelines set out in the Tender Document.

On-line Digitally signed open e-tenders under LCS (Least Cost Selection) method are invited in Two Bid System from competent Company/Firm/Agency/Consortium, who satisfy the eligibility criteria enumerated in the Tender Document and having experience of similar nature of work of Interior Development including Exhibit Panelling, Flooring, Electrical fittings for the **Thematic Gallery at West Bengal Assembly Hall**. Interested Agencies may download the tender documents from the Central Public Procurement Portal (CPPP): <http://eprocure.gov.in/eprocure/app> or from the Council's website www.ncsm.gov.in as per the following schedule:-

SCHEDULE:

1	Bid Document Published Date	March 16, 2023	6.00 PM
2	Bid Document Download Start Date	March 16, 2023	6.00 PM
3	Bid Document Download End Date	March 25, 2023	05.00 pm
4	Bid Clarification Start Date	March 17, 2023	10.00 am
5	Bid Clarification End Date	March 20, 2023	04.00 pm
6	Bid Submission Start Date	March 22, 2023	10.00 am
7	Bid Submission End Date & Time	March 27, 2023	03.00 pm
8	Technical (Techno-Commercial) Bid Opening Date	March 28, 2023	03.30 pm
9	Financial Bid opening Date	<i>To be notified later</i>	
10	Earnest Money Deposit (EMD)	Rs.1,00,000.00 (Rupees one lakh only)	

Note: All clarifications shall be sent by mail to the ID : spo@ncsm.gov.in

1. Tender document can be downloaded from Central Public Procurement Portal (CPPP) website “[http:// eprocure.gov.in](http://eprocure.gov.in)”
2. **Visit of the Site:** Bidders are advised to put request to NCSM for the official visit the site i.e. the West Bengal Assembly Hall (if necessary) towards assessing the nature and quantum of work before submitting the bid and considering all the suitable requests NCSM authority will designate an appropriate schedule for the said visit. All applicable expenses towards the said visit will be borne by respective bidder(s).
3. Submission of the Bid: This Tender is an e-Tender and bids are to be submitted through CPP Portal (<http://eprocure.gov.in/eprocure/app>) only. Bids submitted in physical forms will summarily be rejected.
4. Details of EMD, Security Deposit, submission of tender, etc. are indicated in the tender document.
5. The online bid both Technical (Techno-Commercial) Bid and Financial bid duly furnished in Cover –I and Cover-II respectively should be uploaded by the due date and time as per the above schedule. The responsibility to ensure the same lies with the bidders.
6. NCSM reserves the right to amend / withdraw any of the terms and conditions in the Tender Documents or to reject any or all Tenders without giving any notice or assigning any reason. NCSM also reserves the right to accept or reject any or all tenders in full or part without assigning any reason whatsoever. NCSM shall also not be bound to accept merely the lowest tender but the technical suitability, capability and superiority of the concept / technology interface / system etc. shall be of prime consideration for selection of the appropriate set of concept / technology interface / system collectively considered as a complete solution.

(Section officer of Stores & Purchase)
National Council of Science Museums
Kolkata

Date: 16.03.2023

This document is the property of National Council of Science Museums (NCSM), Kolkata which may not be copied, distributed or recorded on any medium, electronic or otherwise, without NCSM's written permission thereof, except for the purpose of responding to NCSM for the said purpose. The use of the contents of this document, even by the authorized personnel / agencies for any purpose other than the purpose specified herein, is strictly prohibited and shall amount to copyright violation and thus, shall be punishable under the Indian Law.

General Information and Instructions

1. The instructions given herein will be strictly binding on the bidders and deviation, if any will make the tender or tenders liable to be considered invalid. Tenders incorporating additional conditions by the bidder are liable for rejection.
2. Bids shall be submitted online only at CPPP website : <https://eprocure.gov.in/eprocure/app> Manual bids shall not be accepted.
3. The instructions given in “**Instruction for Online Bid Submission**” should be strictly followed during submission of the Bid.
4. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
5. **Validity of Bids: The Bids should remain valid for 90 days from the date of opening of financial bid.**
6. **Rejection of Bids:** Canvassing by the Bidder(s) in any form, unsolicited letter and post- tender correction may invoke summarily rejection of their bid(s). Conditional tenders will also be rejected. Non-compliance of applicable General Information and Instructions will disqualify the Bid.
7. The Bidders should have Digital Signature Certificate (DSC) for filling up the Bids. The person signing the tender documents should be authorized for submitting the online e-tender.
8. The Bidders shall fill up the Prescribed Format for submission of Technical (Techno-Commercial) Bid as per Annexure D format duly signed by the authorized signatory. The person signing the tender document should be authorised for submitting the online e-tender.
9. The financial bid shall be filled in and signed by the authorised signatory online as per format Annexure E available at Central Public Procurement Portal e-tender system website <http://eprocure.gov.in/eprocure/app>. Off line Financial Bid shall not be accepted.
10. Tender must be uploaded in two separate covers marked **Cover-1** (Technical Bid) and **Cover-2** (Financial Bid/BOQ) and cost break-up sheet. The contents of Cover-1 and Cover-2 shall be as follows:-

Cover-1

- i) Scanned copy of General Terms & Conditions as detailed in **Annexure-B** duly signed by the authorised signatory with official stamp as a token of acceptance of the same.
- ii) Copy of the current and valid Trade License and Dealership Certificate, as applicable, duly signed by the authorised signatory with official stamp.
- iii) Scanned Copy of the current and valid **GST Registration Certificate** and **PAN card** duly signed by the authorized signatory with official stamp.
- iv) The 'Declaration' of the bidder (as detailed in **Annexure-C**) duly signed by the authorized signatory with official stamp.
- v) Technical (Techno-Commercial) bid as per "**Annexure-D**" format duly filled in and signed by the authorised signatory with official stamp.
- vi) Scanned copies of the Council's 'Drawings and Technical Specifications (as detailed in **Annexure-F**) duly signed by the authorized signatory with official stamp as a token of acceptance for supply & installation of materials in accordance to the same.
- vii) Check List as per **Annexure N** and all requisite documents as per check list duly filled and signed and sealed.

Cover-2

- i) The Financial Bid (as per **Annexure-E** format) i.e. Schedule of Price Bid in the form of attached BoQ Proforma shall be duly filled in, digitally signed and uploaded online by the bidder. The bidders are required to quote for the entire items as per the BoQ. If any of the Bidder(s) fails to quote for any item in the BoQ, their bid will not be accepted and rejected straightaway. For this, Bidders have to confirm in the check list that they have quoted their rates for all the items in the BoQ.

The Cover-1, i.e. Technical (Techno-commercial) Bid shall be opened by NCSM at the first instance and evaluated by the competent authority. At the second stage, the Cover-2 containing Financial Bid of only techno-commercially acceptable offers shall be opened for further evaluation and ranking before awarding the contract.

Instructions for Online Bid Submission

1. The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.
2. More information useful for submitting online bids on the CPP Portal may be obtained at <https://eprocure.gov.in/eprocure/app>

A. REGISTRATION

1. Bidders are required to enrol on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “**Online Bidders Enrolment**” on the CPP Portal which is free of charge.
2. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
3. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
4. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.) with their profile.
5. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC’s to others which may lead to misuse.
6. Bidders may then log-in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

B. SEARCHING FOR TENDER DOCUMENTS

1. There are various search options built in the CPP Portal to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
2. Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
3. The bidders should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

C. PREPARATION OF BIDS

1. Bidders should take into account the original e-NIT/TENDER and any subsequent corrigendum published on the tender document before submitting their bids.
2. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the documents that need to be submitted. Any deviations from these may lead to rejection of the bid.
3. Bidders, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
4. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" or "Other Important Documents" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for the bid submission process.

D. SUBMISSION OF BIDS

1. Bidders should log-into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidders will be responsible for any delay due to other issues.
2. The bidders have to digitally sign and upload the required bid documents one by one as indicated in the tender document.
3. A standard Price Schedule format (BOQ) has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the blue coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidders). No other cells should be changed. **In case no rate value is required to be quoted in any particular cell, that cell may be kept blank,**

figure '0' (zero) shall not be entered in such cell(s). Once the details have been completed, the bidders should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidders, the bid will be rejected.

4. The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
5. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
6. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
7. Upon the successful and timely submission of bids (i.e. after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message and a bid summary will be displayed with the bid number and the date & time of submission of the bid with all other relevant details.
8. The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

E. ASSISTANCE TO BIDDERS

1. Any enquiries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority.
2. Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal helpdesk. The contact number for the helpdesk is 1800 233 7315.

NATIONAL COUNCIL OF SCIENCE MUSEUMS
SECTOR-V, BLOCK-GN, BIDHANNAGAR,
KOLKATA – 700 091.

Tender No. I-18012/10/22(529)

Name of the work: FABRICATION, SUPPLY AND INSTALLATION OF EXHIBIT CABINETS/STRUCTURES INCLUDING INTERIOR DEVELOPMENT, ELECTRICAL FITTINGS OF THE THEMATIC GALLERY at WEST BENGAL ASSEMBLY HALL

INTRODUCTION:

National Council of Science Museums, Ministry of Culture, Government of India invites offers/bids from reputed and experienced agencies in the field of full interior / gallery development including indoor mechanical structure, art work, flooring, electrical arrangements etc. especially in the field museums / Art Galleries / exhibition / public / private museums for undertaking the work of as per the tender at **proposed space of West Bengal Assembly Hall.**

- i. The proposed work is for Interior Development including Exhibit Panelling, Electrical fittings for the **Thematic Gallery at West Bengal Assembly Hall.**
- ii. NCSM therefore invites Tenders from Company/Firm/Agency/Consortium with adequate experience, sound financial background and **proven capabilities of interior development at museums/Art Galleries/exhibitions only.**
- iii. Bidders who are interested to participate should meet the eligibility criteria and submit their duly completed Tenders along with all the required documents in support of their eligibility qualification.
- iv. If at any stage, it comes to the notice of NCSM that any successful/qualified bidder had misrepresented the facts/falsely claimed any qualification while submitting his tender or at any time subsequently, the agency will be disqualified. And in any such instance, NCSM also reserves the right to take any further action against such a bidder under law.

1. ELIGIBILITY CRITERIA:

- i. Company/Firm/Agency/Consortium shall have the experience of interior development including Exhibit Panelling, Electrical Fittings at museums/Art Galleries/exhibitions only.
- ii. The bidder could be an Individual, Limited Company/Corporation, Proprietary Firm, Partnership etc. Consortium or Joint Venture are allowed to bid for the Works.
- iii. The bidders should have a minimum experience of **5 years** in the field of similar nature of work as proposed in this tender since their establishment. For establishing the same, the bidder should submit copies of **work orders** (of similar nature work only) issued on them as well as copies of **work completion certificates** of the same work.
- iv. The Average Annual Turnover of the Bidder (of the lead partner in case of consortium) for the last three financial years (2022-21, 2021-20, and 2020-19) should be minimum **INR 1.0 Crore**.
- v. The Bidder should have the requisite work experience of **completing similar projects** during the last 3 years ending last day of month previous to the date of issuing of tender as per the details given below:

One similar work of value not less than **Rs. 30 Lakhs** of the estimated cost of work.

Or

Two similar works each of value not less than **Rs. 22 Lakhs** of estimated cost of work.

Or

Three similar works each of value not less than **Rs.15 Lakhs** of estimated cost of work.

Notes:

Here the **similar works** means the work of “interior development including Exhibit Panelling, Flooring at museums/Art Galleries/exhibitions only”. The details of qualifying works/projects shall be furnished as per the proforma in **Annexure-D** and if required the bidder shall also facilitate inspection of the above qualifying project(s) by NCSM’s officials to ascertain the performance of the system. The value of executed works shall be brought to current costing level by enhancing the actual value of work at a simple rate of 7% per annum, calculated from the date of completion to the last date of submission of bid or extended date of submission of bid.

- vi. NCSM may inspect any of those at its discretion to verify the credentials of the bidder for the qualifying works / projects indicated above for which the Bidder shall provide references (including Referee names and contact details) in respect of the projects implemented.

For the purposes of determining Conditions of Eligibility and for evaluating the Proposals under this tender, following projects shall be deemed as Eligible Projects - Similar works as mentioned in Notes under point (v) of Eligibility Criteria for Monument / Museum / Science

Centres / Parks / Public Places / Memorial / Heritage places / Ethnic / Cultural spaces / and other similar places.

The bidder should provide documentary proof for the above in the form of a work order / supply order / contract document / completion report / testimonials for completion.

- vii. Even though the bidders meet the above qualifying criteria, they are subject to be disqualified if they have:
- Made misleading or false representation in the forms, statements and attachments submitted in proof of the qualification requirements; and/or
 - Record for poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc.

2. SCOPE OF CONTRACT

The successful bidder shall carry out and complete the works in every respect in accordance with this contract and in accordance with the directions of the officials and to the satisfaction of the officials of NCSM. The Officer in charge may from time to time issue **further written instructions, detailed directions and explanations in regard to:**

- (a) The variation or modification of the design, quality or quantity of works for the addition or omissions or substitution of any work.
- (b) Any discrepancy in the proposal or between the schedule of quantities and/or specifications.
- (c) The removal from the site of any material brought therein by the successful bidder and the substitution of any other materials there from.
- (d) The removal and/or re-execution of any works executed by the successful bidder.
- (e) The dismissal from the works of any persons employed thereupon.
- (f) The opening up for inspection of any work covered up.
- (g) The amending and making good of any defects.
- (h) The successful bidder shall comply with and duly execute any work comprising such instructions, detailed directions and explanations, provided always that if the Officer's instructions involved variations from the priced Schedule of Quantities, such instructions shall be issued by the Council and the successful bidder shall take appropriate action.
- (i) Even if not specifically mentioned in the schedule of quantities, the successful bidder shall be deemed to have allowed necessary material, labour, tools and plants etc. required for satisfactory completion of the items of work as indicated in drawings and description given in the specifications.

(j) Successful Bidder to Provide Everything Necessary

The successful bidder shall provide everything necessary for the proper execution of the works according to the true intent and meaning of the specifications and bill of quantities taken together, whether the same may or may not be particularly described in the drawings or specifications or included in the bill of quantities, provided that the same is to be reasonably inferred there from and if he finds any discrepancy in the drawings or specifications and bill of quantities, he/she shall immediately refer the same to the Officer In charge who shall decide which shall be followed. Figured dimensions shall be followed in reference to scale.

- (k) Defect liability period:** The Defect liability period for the proposed work is **one year** post the actual satisfactory completion of the entire work in all sense as certified by the authorities of NCSM. Any defect noticed/pointed out to the successful bidder shall be promptly rectified within a reasonable time fixed by NCSM failing which the same will be rectified by NCSM departmentally or by engaging outside Agencies and the cost thereof shall be recovered from the successful bidder or adjusted from SD or any money due to him/her.

(l) Rates

The rates quoted by the Successful bidder shall be paid at net rates. She/He should include in her/his rates allowance for increase or decrease in the prices due to market fluctuation. He shall not be entitled to any separate amount on account of GST, other taxes, Labour Cess, duties etc. which are in force or will be enforced or enhanced by Government or local bodies during contract period or after e-tendering. Accepted e-tender rates shall not be changed due to changes in wages of labour either. Please note that the payment for all the measurable quantities will be made as per actual measurement made jointly by both NCSM and the successful bidder.

The rates considered in the respective items are inclusive of the defects liability period of 1 year post the actual satisfactory completion of the entire work in all sense.

(m) Quantities

The quantities have been given in a schedule of quantities.

The bidders shall be deemed to have given Balanced Rates for each item, irrespective of the quantities given. Also, irrespective of variation in quantities to any extent the bidder shall be paid at accepted contract rates only. **NCSM reserves the right to increase or decrease quantities to any extent.**

3. SCOPE OF WORK

NCSM desires to develop a Thematic Gallery for West Bengal Assembly Hall using most modern digital gadgets and techniques and with interesting story telling using digital media, to the visitors of West Bengal. The approximate area of the gallery will be 205 sq.mtr. The scope of work,

therefore, includes Interior Development including Exhibit Panelling, Electrical fittings etc. **for this purpose.**

4. COMPLETION TIME

The project/work is to be completed in all respects within 30 (thirty) **Days** from the date of issuance of the work order/LOI. In normal situation, the completion time will not be extended. However, the completion time may be extended, on the request of the successful bidder in writing, at the discretion of the competent authority of NCSM provided the reasons are reasonable and justifiable.

A. Major Components of the Scope of Work

- a. **Fabrication of interior according to gallery plan:** The placement of all exhibits as per final content/ list of exhibits (provided by NCSM) the successful bidder should fabricate the interior of the gallery using the guideline specified in Annexure-F. Provision should be kept as far as possible to interchange the location of exhibits even after the mechanical fabrication is done. In one word the exhibit has to be independent of the outer layout as much as possible.
- b. **Gallery Electrification:** NCSM will provide a main distribution for the gallery. Successful bidder needs to set up power points for all exhibits inside the gallery. A suitable control box may be installed inside the provided space / UPS Room. A detailed guideline is provided in Annexure-F.

4. EARNEST MONEY DEPOSIT (EMD)

EMD: Rs.1,00,000.00 (Rupees one lakh only) which should be submitted along with the tender by way of Demand Draft drawn in favour of “National Council of Science Museums” payable at Kolkata or on line transfer to NCSM Bank Account as per details below:

EMD of unsuccessful bidders will be returned within one month from the date of opening of the financial bids or finalisation of the tender whichever falls later. EMD of successful bidder will be retained with NCSM or converted to SD as stipulated in Sl. No.6 below. No interest will be paid on the EMD.

5. RETENTION MONEY/SECURITY DEPOSIT:

Security Deposit shall be 10% of total value of work order including EMD which will be deducted from the Invoice(s) of the successful bidder and shall be retained with NCSM till the completion of Defect Liability Period which is normally one year from the date of satisfactory completion of the entire work as certified by NCSM authorities. No interest will be paid for the Security Deposit.

- i. 100% of the Retention Money or Security Deposit shall be refundable to the successful bidder after satisfactory completion of the Defects Liability Period post actual successful completion of the work in all respects & handing over as detailed under TERMS OF PAYMENT.
- ii. In case of cancellation of the contract, this retention money shall be forfeited and the amount necessary to make up this amount shall be recovered from any money due to the successful bidder under this or any other contract with NCSM.
- iii. In case, the successful bidder causes any damage to the property of the Client, the NCSM shall have discretionary rights to execute the repair of damages and recover the amount from the successful bidder or to adjust the equivalent amount from the successful bidder's Security Deposit.
- iv. In case of death of a successful bidder, Security Deposit shall be returned /refunded to the legal heir of the successful bidder after adjustment of dues, if any post the actual completion of the work & upon expiry of the specified guarantee/defects liability period.

6. JOINT VENTURES/CONSORTIUM

- i. In the event that the successful bidder is a consortium/joint venture formed, lead partner/prime contractor in whose name the bid was issued, shall be fully and solely responsible for the performance of contract and all works designed and executed under the contract.
- ii. Bids submitted by a consortium or joint venture of maximum two firms including lead partner, all partners shall comply with the following requirements:
 - a. The consortium as a whole must be a sound entity technically and the lead partner must be sound entity financially.
 - b. The Consortium as a whole must satisfy the qualification criteria set forth herein. **The turnover of lead partner must satisfy the eligibility criteria of the tender.** The bid shall contain a statement of the members of the consortium and shall provide all information necessary to satisfy Client/Employer that the Consortium fulfils the qualifying criteria.
 - c. The Bids shall contain **original copy of the Memorandum of Understanding (MOU) on Rs.100. Non-Judicial Stamp paper (or as applicable) between the consortium members** clearly identifying the lead partner, scope and responsibility and financial part of each member in the performance of the contract.
 - d. The consortium members will obtain approval of the Client for any change in the shareholding structure and scope of work or any other terms of MoU.
 - e. The lead partner of the consortium shall be nominated as being in-charge to represent the Consortium in all dealings with the Client/Employer and for providing any information or clarification sought from the Consortium.
 - f. The Bid shall be signed by all the consortium firms by their authorized person. The lead partner shall be authorized to incur liabilities and receive instructions for and on behalf of any and all member(s) of the Consortium and all dealings including billing and payments, shall be done exclusively with the leader of the consortium.
 - g. Only firms or joint ventures that have been qualified under this procedure will be eligible to bid for this project.
 - h. All members of the Consortium shall be liable for the execution of the project in accordance with the terms of the MoA and Contract agreement.
 - i. Any individual bidder or member of a consortium cannot be a member in another consortium and participate in this tender.

- j. All correspondence or communications will be done by the Lead Partner (or authorized representative of Lead partner) of the consortium.
- k. Net worth as on the last day of the preceding financial year should be positive during the preceding three consecutive financial years.
- l. Bidders submitting their bid shall not be under liquidation, court receivership or similar proceedings.

Notes:

1. Techno-Commercial bids of the agencies that fulfil the above pre-qualification criteria shall be opened.
2. The bidder has to upload the compliance letter on its letterhead duly signed by the authorized signature & other supporting documents as asked for in the bid in scanned format. Failing to submit the same or non-compliance/deviation from any bid terms and conditions, eligibility criteria or technical specifications may result in rejection of the bid.

7. EVALUATION / SELECTION CRITERIA

A two-stage procedure under Least Cost Based (LCS) Evaluation will be adopted in evaluating the proposals:

A. Technical Evaluation:

Eligibility criteria for Evaluation: The technical bids will be evaluated against minimum eligibility criteria as outlined in this tender document.

B. Financial Evaluation

Only the bidders/firms who are shortlisted / found eligible in the technical Evaluation based on Eligibility Criteria and Technical Proposal Evaluation will be Selected for financial evaluation of the bids. Overall cost of the work will be considered for computing LCS.

During financial evaluation, the evaluation committee shall go through the rates quoted for each item and adjudge their reasonability and workability. The rates which are found to be unworkable will be treated as unresponsive and the corresponding bid will be liable for rejection.

8. TERMS OF PAYMENT

No advance payment shall be paid to the successful bidder. However, one interim payment may be made depending on the progress of the work and as per the discretion of the competent

authority of NCSM subject to minimum completion of 50% of the work. Final payment shall be released after satisfactory completion of the entire work as per the specification/drawing and as certified by the authority of NCSM. Security Deposit will be deducted from the interim payment/final payment subject to a maximum of 10% of the value of the order.

All payments, as above, shall become payable within fifteen days of submission of the respective invoices. The payment shall be transferred to the bank account of the successful bidder through electronic transfer only, for which the bank details of the bidder have to be provided with each invoice.

Statutory deductions/recoveries viz. TDS, TDS GST etc. as per government rules from the payment due to the bidder from time to time.

9. OTHER TERMS AND CONDITIONS

- i. The successful Bidder shall submit within 3 (three) days from the date of placement of the work order the duplicate copy of the work order duly signed with official stamp on all the pages as a token of their acceptance of the work order / Lol.
- ii. In case the successful bidder refuses to accept the offer after finalisation or does not comply with sending of acceptance of the order within 03 (three) days from the date of placement of the order as per the finalised and accepted terms & conditions, the order will be cancelled forthwith and the EMD will be forfeited and necessary action as deem fit by NCSM.
- iii. **Penalty Clause :**
In case of non-completion of the entire work within the stipulated time, and the delay is not attributable to site requirements, **Liquidated Damage (L.D.) @1% per week of the total cost of work awarded subject to a maximum of 10% of the gross value of work done or cost of work awarded, whichever is greater**, shall be recovered from the EMD/ bill of the successful bidder.
- iv. The authorities of NCSM do not bind themselves to accept the lowest tender and reserves the right to accept or reject any or all tenders wholly or partially without assigning any reason whatsoever.
- v. The quoted rate shall remain unchanged during the entire contract period.
- vi. The successful bidder shall be liable for depositing all taxes, levies, cess, etc. on account of service rendered by it to concerned tax collection authorities from time to time as per extant rules and regulations on the matter.
- vii. The successful bidder shall maintain all statutory registers under the applicable laws. The bidder shall produce the same, on demand, to the concerned authority of this Office or any other authority under Law.

- viii. **The Tax Deduction at Source (TDS) shall be affected**, as and when applicable, as per the provisions of Income Tax Act, as amended from time to time and a certificate to this effect shall be provided to the successful bidder by this Office.
- ix. In case, the successful bidder fails to comply with any statutory/ taxation liability under appropriate law and as a result thereof this Office is put to any loss/ obligation, monetary or otherwise, NCSM will be entitled to get itself reimbursed out of the outstanding bills or the Security Deposit of the successful bidder, to the extent of the loss or obligation in monetary terms.
- x. Bidders should provide the details of their local office, **workshop in West Bengal/Kolkata for maintenance during Defect Liability Period.**
- xi. The successful bidder shall be required to depute a team of qualified and experienced personnel to coordinate, execute and supervise all the activities from commencement till completion and handing over the gallery. This team of personnel will also be required to monitor the progress and review in consultation with NCSM officials on a regular basis.
- xii. Bidders should provide an escalation matrix of their company for this project. Names of all the persons, contact details along with their designation should be submitted.
- xiii. Bidders should submit the details of the major projects which they have done in the last Five Years.
- xiv. Notwithstanding anything contained herein above, in case of any dispute, claim and/or legal action arising out of this contract, the same shall be subject to the jurisdiction of courts at Kolkata only.

FORCE MAJEURE

Neither the successful bidder nor NCSM shall be considered in default in performance of its obligations under the terms of this NIT, if such performance is prevented or delayed for any causes beyond the reasonable control of the party affected such as war, hostilities, revolution, riots, civil commotions, strikes, lockouts, epidemic, explosion, flood, earthquake or because of any law and other proclamation, regulations or ordinance of any government or sub-division thereof or because of any act of God or any other cause beyond the control of the concerned party which could not have been foreseen or avoided by the exercise of due diligence and so it becomes impossible to perform, provided notices in writing of any such cases, with necessary evidence that the obligation under this tender thereby affected or prevented or delayed is hereby given within 14 days from the happening of the event in case it is not possible to serve the notice within the said 14 days period, then within the shortest possible period without delay. As soon as the cause of Force Majeure has been removed, the party whose liability to perform its obligation has been affected shall notify the other party the actual delay occurred in such affected activity and resume the performance immediately.

The successful bidder shall not transfer wholly or partially the work to any other person(s) / firm / company for any reason whatsoever and in which case the order shall automatically stand cancelled.

Arbitration Clause:

All disputes and differences between the successful bidder and the Council of any kind, except quality of workmanship and materials, whatever arising out of or in connection with the order on the carrying out of the work (whether during the progress of the work or after their completion and whether before or after the determination, abandonment or breach of the terms and conditions of the order) shall be referred to the sole arbitration of a person nominated by the Director General, National Council of Science Museums, whose decision in this regard will be final and binding on both the successful Bidder and the Council.

The provisions of the Arbitration and Reconciliation Act 1996 or any statutory modification of the rules made there for the time being in force shall apply to arbitration's proceedings under this Clause.

Tender No. I-18012/10/22(529)

Name of the Work: FABRICATION, SUPPLY AND INSTALLATION OF EXHIBIT CABINETS/STRUCTURES INCLUDING INTERIOR DEVELOPMENT, ELECTRICAL FITTINGS OF THE THEMATIC GALLERY at WEST BENGAL ASSEMBLY HALL

TECHNICAL (TECHNO-COMMERCIAL) BID

Sl. No.	Details	Details	Yes/No
		(to be filled by the bidders)	
General Information			
1	Name and Full Address of the bidder with Tel. No, E-mail & and name of Contact person and his/her mobile number		
2	Name and Address of the lead partner of the consortium to whom the order will be placed. (Applicable only for the Consortium)		
3	Status of the bidder: - Company / Partnership Firm/ Proprietorship firm/Consortium – Please specify		
4	In case of Company – please enclose Memorandum and Articles of Association along with certificates of incorporation, if company is a public limited then the certificate for commencement of business also to be enclosed.	Submitted / Not Submitted	
5	In case of Partnership Firm – please enclose Certificate of Registration under the Partnership Act, 1932, along with valid partnership deed.	Submitted / Not Submitted	
6	In case of Proprietorship or Individual – please enclose a declaration on the letterhead	Submitted / Not Submitted	
7	In case of Consortium – please enclose a Memorandum of Understanding (MOU) on Rs.100. Non-Judicial Stamp paper	Submitted / Not Submitted	
8	Compliance of statutory laws i) Copy of PAN card ii) Copy of Registration Certificate under GST	Submitted / Not Submitted	

9	i) Copy of ESI registration certificate, if applicable ii) Copy of EPF registration certificate, if applicable In case of non-applicability of EPF and / or ESI, the applicant shall submit a declaration to this effect. In case self-declaration is found to be false at any stage then the contract will be terminated and the firm will be debarred from future tenders for three years.	Submitted / Not Submitted	
10	State the Name of the Banker including IFSC Code and Account Number of the Bidder to follow digital mode of payment.		
Technical Eligibility Criteria			
12	Whether the bidder has minimum experience of 5 years in the mentioned field of work since their establishment.	Yes/No	
13	For establishing the same, the bidder should submit copies of work orders (of similar nature only) issued on them as well as copies of work completion certificate of the same work.	Submitted / Not Submitted	
14	The Average Annual Turnover of the Bidder (of the lead partner in case of consortium) for the last three financial years (2020-21, 2019-20 and 2018-19).		
15	Whether documentary evidence submitted for showing the average turn over for the last three years as above	Submitted / Not Submitted	
16	The bidder has executed one single similar work of at least Rs.30 Lakh for the last 3 years and documentary evidence such as Copies of work order, completion certificate etc. submitted	Yes/No	
17	The bidder has executed two similar works of Rs.22 Lakh each for the last 3 years and documentary evidence such as Copies of work order, completion certificate etc. submitted	Yes/No	
18	The bidder has executed three similar works of Rs.15 Lakh each for the last 3 years and documentary evidence such as Copies of work order, completion certificate etc. submitted	Yes/No	
19	Documentary evidences Income Tax Return, Audited Report, and Financial Statement, Valid MSME/NSIC Registration Certificate etc.	Submitted / Not Submitted	
20	Whether the cost for all the items mentioned in the BoQ has been quoted	Yes/No	

I/We hereby declare that the above statements are true. I/We also declare that the decision of National Council of Science Museums regarding selection of eligible firms for opening of Financial Bid (Part-II) shall be final and binding on me/us.

Date:

Office Seal

Signature of the Bidder /Constituted Attorney

Note: -

- 1) The Technical bids received shall be evaluated on the basis of eligibility criteria.
- 2) Non submission of any of the documents listed in 'General Information and Technical Eligibility Criteria', mentioned above, shall lead to summarily rejection of the offer. No further correspondence in this regard will be made. However, clarification may be asked on the 'General Information' mentioned above.
- 3) English translation of all such documents which are written in foreign language is required to be submitted.

Tender No. I-18012/10/22(529)

Name of the Work: FABRICATION, SUPPLY AND INSTALLATION OF EXHIBIT CABINETS/STRUCTURES INCLUDING INTERIOR DEVELOPMENT, ELECTRICAL FITTINGS OF THE THEMATIC GALLERY at WEST BENGAL ASSEMBLY HALL

FINANCIAL BID FORMAT

Rate NOT to be quoted here. To be quoted in excel sheet at CPP Portal

Tender Inviting Authority: Director General, National Council of Science Museums, Kolkata.						
Name of Work: Fabrication, Supply and Installation of Exhibit Cabinets/Structures including Interior Development, Electrical fittings of ‘Thematic Gallery’ of West Bengal Assembly Hall.						
Name of the Bidder/ Bidding Firm / Company :						
<u>PRICE SCHEDULE</u>						
(This is a just a format of the actual BOQ template and must not be filled here. The actual BoQ is available in Excel Sheet on CPP portal. Only the relevant columns of the BoQ available at CPP portal should be filled. No other format is acceptable.)						
Sl. No.	Item Description	Quantity	Units	Rate in Rs. P	GST %	TOTAL AMOUNT including Taxes in Rs. P
1						
Total in Figures						
Quoted Rate in Figures			Select			
Quoted Rate in Words						

Note: The Bidders shall fill up the Cost of all the items in the BoQ failing which their bid will not be considered for comparison and will be rejected straightaway.

ANNEXURE-J

EXPERIENCE IN FABRICATION, SUPPLY AND INSTALLATION OF EXHIBIT CABINETS/STRUCTURES INCLUDING INTERIOR DEVELOPMENT, ELECTRICAL FITTINGS AT MUSEUMS/ART GALLERIES/EXHIBITIONS ETC. ON BASIS OF FINALIZATION OF AGREEMENTS EXECUTED DURING THE LAST 3 YEARS SUPPORTED BY MINIMUM THREE CREDENTIALS

Agency Experience (Private/PPP/Joint Venture/Consortium Projects)

S. No	Name of the project	Cost of the Order awarded in INR	Name of the Client	Phone of Contact Person of Client	Starting Date of Project	Completion Date of Project	Details/ Scope of work

(Signature of Authorized Signatory)

FORMAT FOR AVAILABILITY OF TECHNICAL TEAM.

The bidder needs to provide the details of key personnel / support staff as proposed by him/her for deployment on site for successful completion of the show.

S.No	Key personnel / support staff	Name and short bio to be given by the bidder
(a)	Team Leader	
(b)	Technical Expert in interior development	
(e)	Other Manpower	

The bidder may co-opt experts in any other field deemed necessary.

(Signature of Authorised Signatory)

FORMAT FOR ANNUAL TURNOVER AS PER THE AUDITED ACCOUNTS

TOWARDS THE QUALIFYING EXPERIENCE

S. No.	Financial Year	Turnover in Indian Rupees(INR)
1.	2019-20	
2.	2020-21	
3.	2021-22	

(In case of Consortium, the Turnover of only lead partner needs to be mentioned)

(Signature of Authorised Signatory)

This is to certify that the above information has been examined by us on the basis of relevant documents; books of accounts & other relevant information and the information submitted above is as per record and as per details annexed.

Signature, Address, Seal & Membership No of Chartered Accountant.

**NATIONAL COUNCIL OF SCIENCE MUSEUMS
SECTOR-V, BLOCK-GN, BIDHANNAGAR
KOLKATA : 700 091.**

Tender No. I-18012/10/22(529)

DECLARATION

We do hereby accept the “Scope of Work, Bill of Quantities, General Terms & Conditions, and all other terms of the tender as provided by the National Council of Science Museums along with the Tender documents for the **Fabrication, Supply and Installation of Exhibit Cabinets/Structures including Interior Development, Electrical fittings of ‘Thematic Gallery of West Bengal Assembly Hall’** and also under take to carry out the work as per the scope of work and specifications/drawings of National Council of Science Museums, Kolkata within the stipulated time as provided along with the tender documents, in the event of placement of any order on us. The NCSM shall be at liberty to cancel the order in full or part, in the event of failure of the above declaration made by us and forfeit the EMD submitted by us or take any action against as deemed fit by NCSM.

Signature of the Bidder / Constituted Attorney

TECHNICAL SPECIFICATIONS, 3D RENDERED IMAGES AND DRAWINGS OF THE TENDERED WORK**A. Standard Guideline for all mechanical structure to be used**

1. Unless specified for all the frameworks for exhibit cabinets, use 50mm x 50mm cross section fully seasoned CP TEAK WOOD for vertical and 50 mm x25 mm cross section CP TEAK WOOD for horizontal members.
2. Plywood: As per desired dimension- Fire Retardant Grade. Phenol Bonded (BWR) (IS:303) and BWP (IS: 710), with ISI Marks, Make: Century ply / Green Ply / equivalent. These are to be got approved before using in fabrication.
3. Proper eco-friendly anti termite chemical shall be applied on the wooden /plywood surface.
4. For Wood Material: 25mm teak wood. All teak wood sections must be knot free, well-seasoned, without any cracks and straight along length and across the width and all dimensions.
5. Laminated sheet: 1mm (approved color) Make: Century / equivalent (Without any scratches cutting marks and broken edges)
6. Edges of the table top exhibit cabinet should be of teak wood lipping edge and to be polished (as per the requirement).
7. Wooden nail and fevicol (adhesive) is to be used only for joints & pasting.
8. All wood work should be highly polished.
9. Exhibit Door and Cabinet drawer scroll console (if, any) should be of good quality and corrosive resistant.
10. All the portion of cabinets without laminated sheet pastings should be painted with two coats of 1st quality Enamel paint of Barger/Asian/ICI make over one coat of wood primer.
11. All centre exhibit cabinet legs should be equipped with rubber / plastic ferrules for anti-skidding and reducing vibration / noise.
12. All door hinges should be of SS hinges (firmly fitted) and doors should have brass / stainless steel cup-board lock and key.
13. All inner partitions, shelves, drawers and table top (wherever applicable) etc. should be painted with a double coat of Enamel paint (approved color - prior to primer coat). Make: Berger / equivalent.
14. All wooden beadings used for fixing for glass /acrylic/polycarbonate shall be polished to melamine finish.
15. The glass used in the cabinets should be only toughened float glass and should be clear transparent, wrinkle and scratch free.
16. Transparent polycarbonate sheet and acrylic sheet made of GE Plastics and Gujpol respectively free from any scratches shall be only used. Sample must be got approved before using in fabrication job.
17. Dimension given in all drawings are indicative. The actual dimension for fabrication may vary depending on the site condition.

B. Specification for pasting decorative laminates on exhibits cabinets and partitions

1. The selected bidders shall use latest stock of Century make 1mm thickness wood grains / Flat colour decorative laminates conforming to IS : 2046-1995 as per the colour scheme required for individual cabinet
2. The selected bidders shall undertake pasting of laminates as per approved design that may be plain or designed using multiple colour shade.
3. All laminates shall be pasted with Fevicol SH for decorative laminates only. The firm shall provide Fevicol SH/SR as per actual requirement.
4. Edges of laminates shall be beveled before pasting to avoid visibility of all edges etc.
5. Adequate measures shall be taken to ensure proper finish without air bubble, undulations etc.
6. In case, workmanship of laminate pasting is found defective and unsatisfactory during inspection, the successful bidder shall arrange to replace the laminate at his/her own cost as per approved shade and make.

C. Specification for fabrication and installation of metal structure members

1. All metal structures like ERW tubes, Aluminum sections etc. should be fabricated with ISI mark as specified in the drawing and the same should be powder coated with approved colour and thickness of the coating (in microns).
2. All welded joints should be well finished by grinding.
3. All structure should be made as per specification mentioned in the drawing.
4. The dimension of the structure may change as per actual dimension to accommodate the structure in the particular location as shown in the drawing.
5. All the structural members should be properly grouted / screwed with the cabinet/hung from ceiling as per the requirement for installation.

D. Standard Guideline for Electric supply/ power backup and wiring

1. All the wires to be used inside the gallery must have two-to-three-layer insulation.
2. Under no situation the wiring should be kept open or touching any metal surface.
3. Maximum possible precaution should be taken for any extended connection.
4. Proper modular switch boxes with conduits / concealed wiring should be fitted as per the requirement of each and every exhibit.
5. All the power points have to be hidden from visitors' access.
6. If there is a power requirement at the middle of the gallery that has to be either routed through floor with concealed wiring or has to be dropped from ceiling with the approval of NCSM authority.







Note:- 1) The entire structure should be paint finished using approved colour and shade of Berger/Asian/ICI two or more coats on wood primer of similar make.

2) good quality SS hinge with single key multipurpose lock.

3) Exact colour scheme of laminates and fixing pattern will be made available at the time of fabrication.

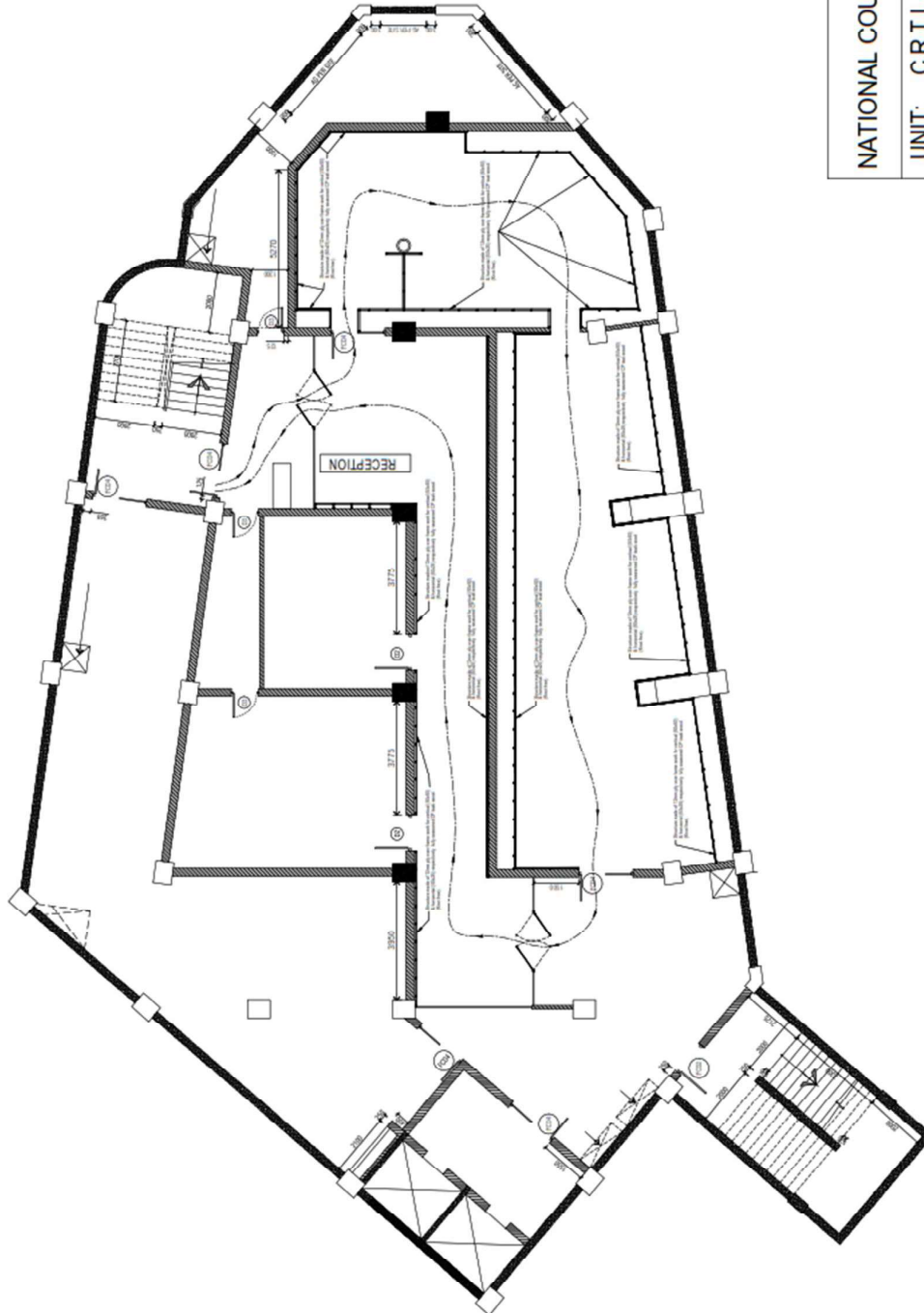
4) Structure made of 12mm ply over frame work for vertical (50x50) & horizontal (50x25) respectively fully seasoned CP teak wood (Knot free).


5) All ply should be BWR and termite free phenol bonded type of Century/Greenply make only.

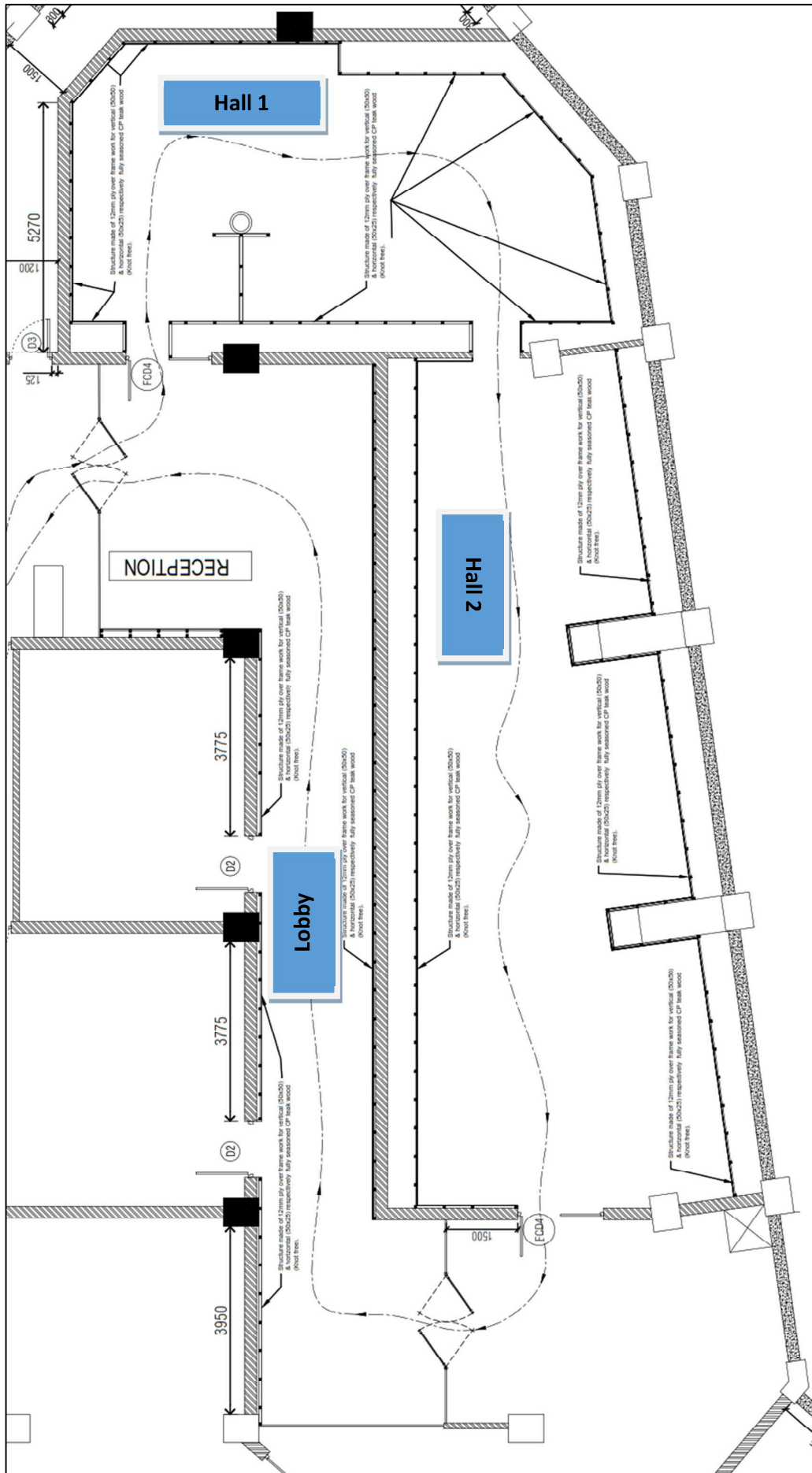
6) T.W. frame work shall have 600mm c/c in both direction.

7) Backside frame work & ply wood surface including ceiling top should be painted with one coat enamel paint over two coats of wood primer of Asian/Berger/ICI

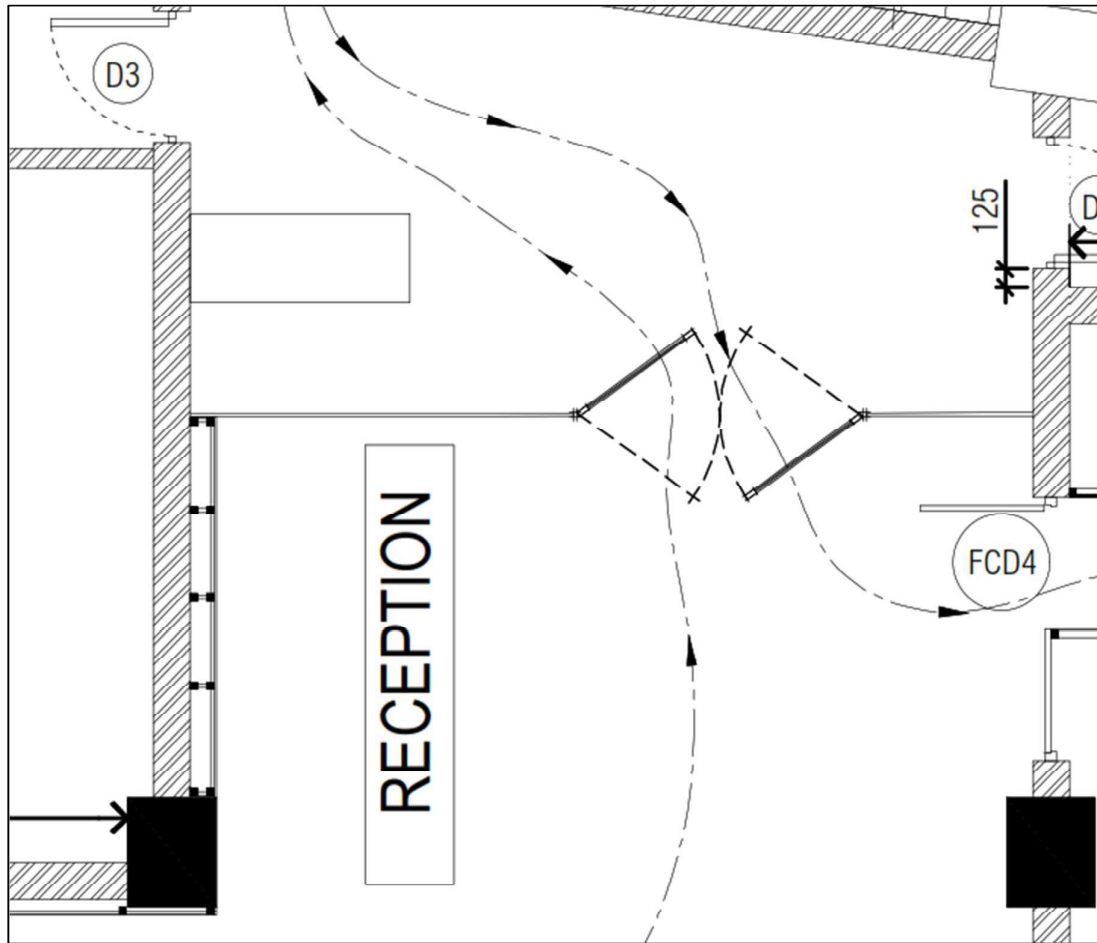
8) Dimensions may vary marginally as per site condition.



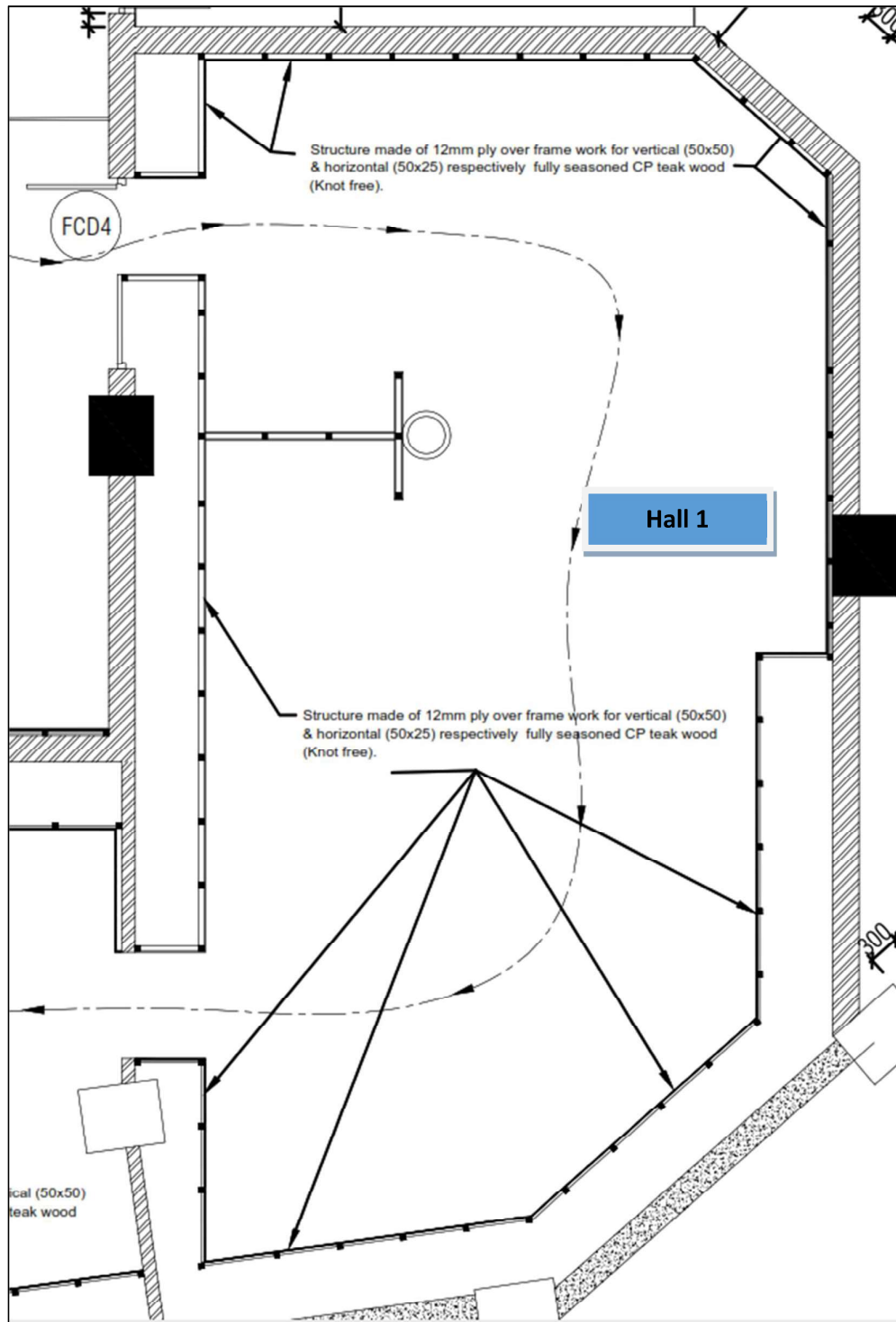
 NATIONAL COUNCIL OF SCIENCE MUSEUMS			
UNIT: C.R.T.L.	DATE	PROJ.- CRTL	TOLERANCE
DRG. NO. ExLay-01/05/2023	06-03-2023	SCALE 0 : 00	± 0.25mm
TITLE: Platinum Jubilee Hall-Basement		NO OFF.	
DRN. BY	CKD. BY	APPRD. BY	



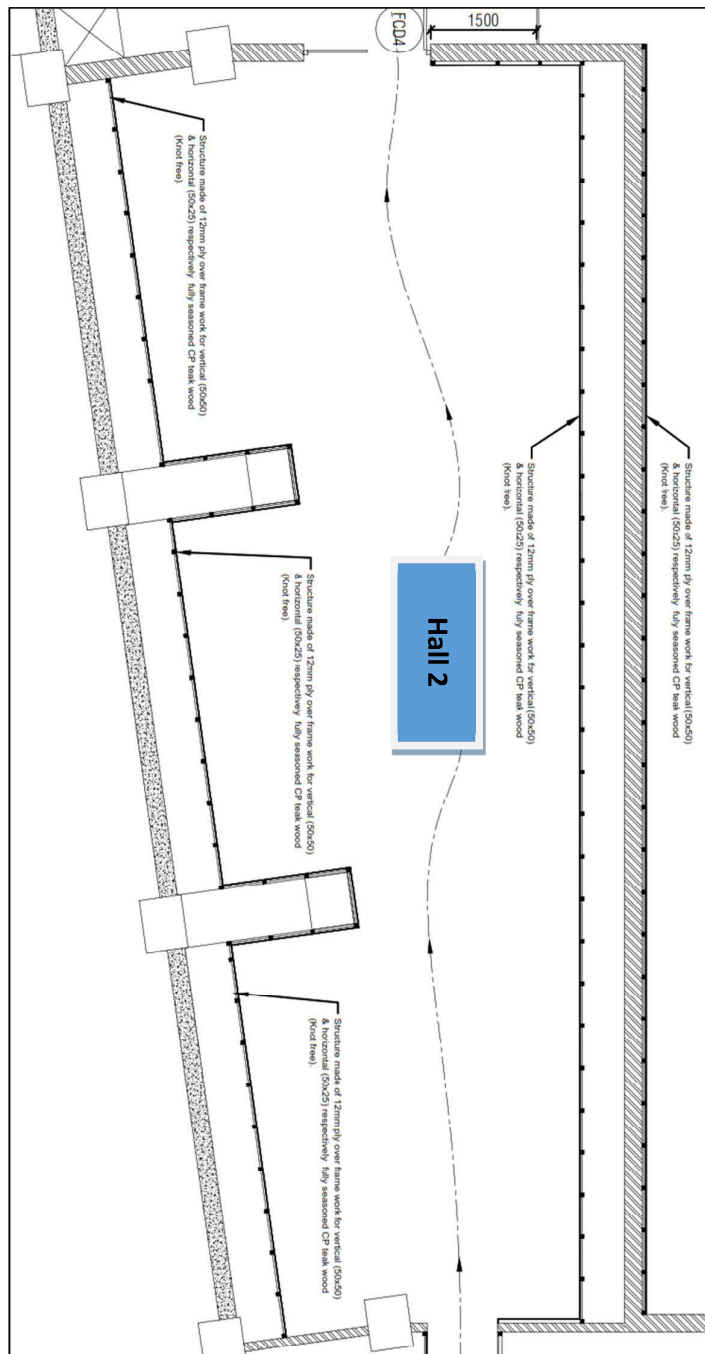
Fabrication, Supply and Installation of Exhibit Cabinets/Structures including Interior Development, Electrical fittings of the thematic gallery at West Bengal Assembly Hall

Entry / Reception Area:

- Reception Area includes the Wall panelling, Wall mounted Book Shelves, a reception table and appropriate mounting of track lights / ceiling mounted lights with all necessary electrical fittings.

Gallery Hall 1:

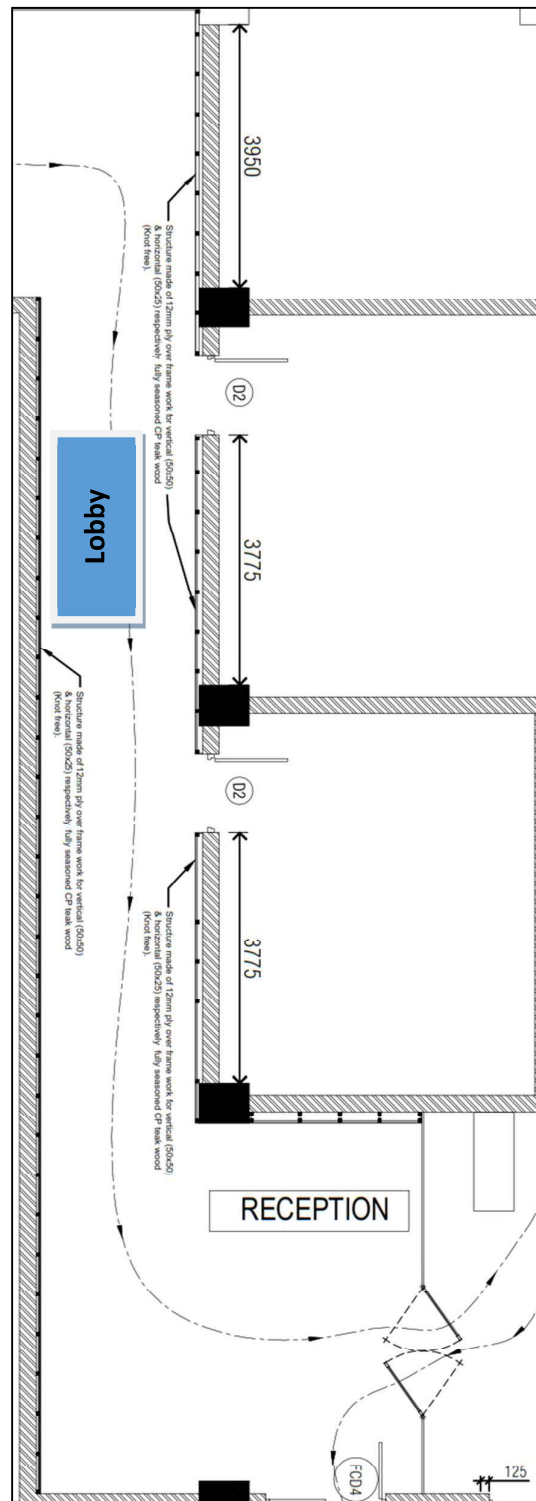
- This hall includes the Wall panelling, Exhibit Panels, Exhibit Cabinet(s), pedestals and appropriate mounting of track lights / ceiling mounted lights with all necessary electrical fittings.

Gallery Hall 2:

- This hall includes the Wall panelling, Exhibit Panels, Exhibit Cabinet(s), pedestals and appropriate mounting of track lights / ceiling mounted lights with all necessary electrical fittings.

Lobby (From Hall 2 to Reception Area):

- This area includes the Wall panelling and appropriate mounting of track lights / ceiling mounted lights with all necessary electrical fittings.



- Separate Pdf file of the layout drawing is enclosed.

BILL OF QUANTITIES

ANNEXURE O

Central Research and Training Laboratory (National Council of Science Museums) 33, Block-GN, Bidhan Nagar, Sector-V Kolkata-700091, West Bengal.			
BOQ for Fabrication, Supply and Installation of Exhibit Cabinets/Structures including Interior Development, Electrical fittings for Thematic Gallery at Proposed Space of West Bengal Assembly Hall.			
Sl. No.	Description	Unit	Qty.
1	Providing and fixing of wooden panels having teakwood frame of Cross Section 2" X 1", in a grid of 2' X 2' and covered with 12 mm BWP Ply (IS 710) on one side.	Sq. Mtr.	500.00
2	Providing and fixing of 8mm thick toughened glass of approved make for low height / full height partition with polished teakwood beading / fixture / adhesive etc.	Sq. Mtr.	15.00
3	Providing and fixing 12mm thick Rigid PVC Foam Board for content display and finished with approved paint, as per artwork which will be provided by CRTL with necessary beading etc. at site. Technical Parameters of Rigid PVC Foam Board: Surface Finish: Matt finish with hard surface coating Mechanical Properties: Tensile Strength ≥15 Mpa (DIN 53455), Elongation at break ≥15% (DIN 53455) Modulus of Elasticity 900-1500 Mpa (DIN 53457), Impact Strength ≥9.0 KJ/m2 (ISO 179) Physical Properties: Density 0.5 to 0.6 g/cc (DIN 53479), Hardness ≥55 Shore D (ASTM D 2240) Water Absorption ≥1.0 % (DIN 53495), Flammability Self Extinguishing Thermal Properties: Vi-cat Softening ≥73 °C (DIN 53460) Electrical Properties: Dielectric Strength ≥90 KV/cm (DIN 53481)	Sq. Mtr.	140.00
4	Providing and fixing 12mm thick Rigid PVC Foam Board with CNC cut design for letters / patterns and finished with approved paint, as per artwork which will be provided by CRTL with necessary beading etc. at site.	Sq. Mtr.	100.00
5	Providing and fixing 12mm thick Rigid PVC Board (High Density) for content display and finished with approved paint, as per artwork which will be provided by CRTL with necessary beading etc. at site. Technical Parameters of Rigid PVC Board: Surface Finish: Matte finish with hard surface coating	Sq. Mtr.	30.00
6	Providing and fixing of 1mm thick laminate sheet of Green/Century/ approved make (IS 2046) of desired shade on wooden surface.	Sq. Mtr.	400.00
7	Finishing of surface (plywood/metal) with two or more coats of Asian/ICI make NC spray paint of desired shade after surface preparation (applying surface and NC putty etc.)	Sq. Mtr.	30.00
8	Wall painting with premium acrylic emulsion / easy clean emulsion / paint of specific shade and manufacturer and grade (Berger / Asian Paints color / equivalent) to give an even shade. Two or more shades on new surface.	Sq. Mtr.	100.00

9	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With water thin cement primer on wall/ ceiling surface having VOC content less than 50 grams/litter.	Sq. Mtr.	100.00
10	Painting with silicon & acrylic emulsion-based water thin sealer of approved brand and manufacture on wet or patchy portion of plastered surfaces. Two coats	Sq. Mtr.	100.00
11	Finishing walls with textured exterior grade paint of required shade. New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/10 sqm Asian Paints Royale Play Antico from Asian Paints (Texture wall) Linea Top coat Taupe tan M025 or as approved.	Sq. Mtr.	100.00
12	Providing and applying white cement-based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sq. Mtr.	50.00
13	Fabrication and installation of Stainless Steel (Brushed Finish) railing including Sections or frame for projector / digital display unit mounting (considering the height & ceiling appropriate telescopic design may be incorporated)	kg	150.00
Electrical Requirements:			
14	Supply & fixing of power point wiring with 1.1 KV Grade unsheathed FR PVC insulated multi strand copper conductor wires of following sizes in 25mm Dia bore rigid PVC conduit including S&F of PVC conduit, bends, junction boxes & required accessories, mostly laid in RCC slab and partly concealing of conduit in brick wall including cutting of brick wall and making good the damages, making connections, testing etc. as required.		
	a) Power point wiring from MCB SDB to 16/6A Socket outlet with 2 Nos. 1Cx4sq.mm. + 1 No. 1Cx2.5sqmm, rate being inclusive of concealed PVC conduit with bends, junction boxes, etc. as required. (two plug sockets to be connected in one circuit.)	RM	150.00
	b) Power point wiring from 16/6A socket outlet to the adjacent 16/6A socket outlet with 2 nos 1Cx2.5 sq.mm + 1 no 1Cx1.5sqmm. Rate inclusive of concealed PVC conduit, bends, junction boxes etc. as required	RM	150.00
	c) Supply and fixing of 1 no. of 6/16A combined modular type socket outlet with modular type switch incl. recessed mounted GI box, modular base, cover plate & all required materials including internal connections and testing.	Nos.	20.00
	d) Supply and fixing of Track Light (20 W, Warm White 3500K, Black Color) & all required materials including internal connections.	Each set	80.00
	e) Supply and fixing of Track (Length 1mtr., Black Color) suitable the approved track light as specified in 14. (d) & all required materials including internal connections.	Each set	20.00
	f) Supply and fixing of Track (Length 2mtr., Black Color) suitable the approved track light as specified in 14. (d) & all required materials including internal connections.	Each set	30.00
<p>N.B. 1. All mentioned components including the specified quantities (rounded off) are estimated based on the architectural / technical drawing details and the same may vary considering the site condition and actual requirement during the installation.</p> <p>2. Bidders are required to quote for all the items as per the BoQ failing which their bids will not be considered for comparison and will be rejected straightway.</p>			

FORMAT FOR CONTRACT AGREEMENT

ARTICLES OF AGREEMENT made at

.....

(Place)

this.....day of.....

(Date)

(Month &Year)

between the National Council of Science Museums, a Society registered under the Societies Registration Act of West Bengal, 1961, hereinafter referred to as NCSM which expression shall include its successors and assigns on the one part and

.....

..... *(Name of the successful bidder)*

trading in the name and style of

.....

.....

(Name and complete address of the successful bidder)

hereinafter referred to as the successful bidder which expression shall include his/their respective heirs, executors, administrators and assigns on the other part.

WHEREAS the NCSM is desirous of getting the work of.....

..... therein done and has caused

(Name of the work)

Notice Inviting E-tender (Including appendix, drawings, bill of quantities and specifications describing the work and conditions of contract.

AND WHEREAS the said NIT (including appendix, drawings, specifications and the priced bill of quantities and conditions of contract have been signed by or on behalf of the parties hereto.

NOW IT IS HERE BY AGREED AND DECLARED BY AND BETWEEN THE PARTIES HERETO AS FOLLOWS:

1. In consideration of the payments to be made to him as herein after provided the successful bidder shall up on and subject to the conditions herein contained execute and complete the work within 30 (thirty) days from the date of issue of letter of intent / Work Order (as Defined in the scope of work of the NIT) and described in the said specifications and the said priced bill of quantities along with the progress of the work.
2. NCSM shall pay to the successful bidder such sum as shall become payable hereunder at the time and in the manner specified in the said conditions.
3. Time is the essence of this agreement and the successful bidder shall proceed with the work, throughout the stipulated period of this contract, strictly according to the Terms & Conditions of NIT. At any stage during execution, if any work lags behind, for reasons directly attributable to the successful bidder, he/she shall pay or allow the NCSM to deduct the same from the Security Deposit or from any money due to him/her a liquidated damage as per clause 10 (iii) - Penalty clause.
4. This agreement comprises the work above and all subsidiary works connected therewith, even though such works may not be shown on the drawings, or described in the said specifications or the priced Schedule of Quantities.
5. NCSM through the Engineer reserves to itself the right of altering the specifications and of adding to or omitting any item of work or of having portions of the same carried out departmentally or otherwise and such alterations or variations shall not vitiate this agreement.
6. After successful completion of works in all respects, successful bidder will hand over the site to the end-user West Bengal Assembly Hall authorities / NCSM in presence of NCSM representative and shall also render the services during defect liability period as specified in the NIT Clause.
7. All disputes and differences of any kind whatever, arising out of or in connection with the contract on the carrying out of works (Whether during the progress of the work or after their completion and whether before or after the determination, abandonment or breach of the contract) shall be referred to arbitration as per Clause 10 (xvii) Annexure - A of the said conditions of contract.

The provisions of the Arbitration & Reconciliation Act 1996 or any statutory modification or re-enactment thereof and of the rules made there under for the time being in force shall apply to arbitration proceedings under this clause.

In witness where of the parties have set the irrespctive hands the day and the year and the place herein above written.

Signed by for and on behalf of the Museum/Centre.....

In the presence of

1.....

Seal

2.....

Signed by the said Successful bidder.....

In the presence of

1.....

Seal

2.....

CHECK LIST

Nomenclature	Yes/No
Whether the Tender documents have been completely read, understood and accepted	
Whether the Bid is valid for 90 days from the date of opening of financial bids	
Whether Technical (Techno-Commercial) Bid” (as per Annexure-D format) has been duly filled in and digitally signed with official stamp.	
Whether all relevant documents related to “Technical (Techno-commercial) Bid” as per Annexure-D have been uploaded	
Whether the scanned copy of Scope of Work, General Terms & Conditions etc. (Annexure-B) duly signed by the Authorized Signatory with official stamp as a token of acceptance of the same have been uploaded.	
Whether bill of quantities as per Annexure O has been duly signed by the authorised signatory with official stamp as a token of acceptance of the same have been uploaded	
Whether the Financial Bid (BOQ) has been duly filled in and digitally signed	
Whether total value of BoQ and Cost Break up sheets has been tallied	
<p>Whether documentary proof for One similar work of value not less than Rs.30 Lakhs Crore of the previously executed works.</p> <p style="text-align: center;">Or</p> <p>Two similar works each of value not less than Rs.22 Lakhs of the previously executed works.</p> <p style="text-align: center;">Or</p> <p>Three similar works each of value not less than Rs.15 Lakhs of estimated cost of the previously executed works.</p>	
Whether Agency Experience (Private/PPP/Joint Venture Projects) (Annexure-J) has been filled up and uploaded	
Whether format for availability of Technical Team (Annexure-K) has been filled up and uploaded	
Whether format for annual turnover (Annexure-L) has been filled up and uploaded	
Whether Declaration as per Annexure-C has been signed and uploaded	
Whether the detailed technical specification and drawings have been read and understood	
Whether the site condition has been assessed (physically / online / already captured images, videos etc.)	