

**E-TENDER  
DOCUMENT  
FOR FABRICATION OF  
WOODEN CABINETS AND  
PANELS FOR  
DEVELOPMENT OF  
UPCOMING “ASTRONOMY”  
GALLERY AT SHIMLA  
PLANETARIUM, SHIMLA  
(HIMACHAL PRADESH)**



**Ministry of Culture**  
Government of India

NATIONAL SCIENCE CENTRE  
(A UNIT OF NATIONAL COUNCIL OF SCIENCE MUSEUMS)  
NEAR GATE NO.4, PRAGATI MAIDAN  
BHAIRON ROAD, NEW DELHI – 110 001

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## **Disclaimer & Disclosures**

Bidders shall be deemed to have full knowledge of the requirements of the work. National Science Centre, Delhi (NSCD) will not accept any responsibility or liability for any errors, omissions, inaccuracies or errors of judgment with respect to information or materials provided by NSCD in this tender document or otherwise, with respect to this Project. Although such information and materials are to the best of NSCD's belief, however, their verification is the sole responsibility of Bidder.

NSC, Delhi has prepared this document to give background information on the captioned project to the interested bidders/agencies/contractors. While NSCD has taken due care in the preparation of the information contained herein and believe it to be accurate, neither NSCD nor any of its authorities or agencies nor any of their respective officers, employees, agents or advisors give any warranty or make any representations, express or implied as to the completeness or accuracy of the information contained in this document or any information which may be provided in association with it.

**The information is not intended to be exhaustive. Interested agencies/contractors are required to make their own inquiries and respondents will be required to confirm in writing that they have done so and they do not rely only on the information provided by NSCD in submitting the Request for Proposal.** The information is provided on the basis that it is non-binding on NSCD or any of its authorities or agencies or any of their respective officers, employees, agents or advisors.

NSCD reserves the right not to proceed with the project or to change the configuration of the Project, to alter the timetable 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 RFPs.

No contractual obligation on behalf of NSCD, whatsoever, shall arise from this RFP unless & until a formal contract is signed and executed by duly authorized officers of NSCD and the bidder in due course after the invitation of tenders.

NSCD may modify any / all of the terms of this tender process giving due notification through the NSCD's website ([www.nscd.gov.in](http://www.nscd.gov.in)).

**NSCD will not be liable for any costs incurred by the Bidders in the preparation of the tender.**

The preparation of Bidder's proposal will be made without obligation by NSCD 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 SCIENCE CENTRE  
(A Unit of National Council of Science Museums)  
Bhairon Road, Near Gate No. 4, Pragati Maidan,  
New Delhi – 110001

## **Tender Schedule**

**Tender No.: NSCD/18011/E-Tender – 27 / 2025 – 26**

**Name of the work:. Fabrication of Wooden Cabinets and Panels for Development of Upcoming “Astronomy” Gallery at Shimla Planetarium, Shimla (Himachal Pradesh).**

All bids must conform to the guidelines set out in the **General Terms & Conditions of tender document**.

On-line Digitally signed e-tenders are invited in Two Bid System from competent Company/Firm/Agency/Consortium, who satisfies the eligibility criteria enumerated in the Tender Document and having experience in the field of fabrication / setting-up of permanent exhibitions involving various components of work such as exhibit cabinets/structures, Interested Agencies may download the tender documents from the Central Public Procurement Portal (CPPP): <http://eprocure.gov.in/eprocure/app> or from the Centre’s website [www.nscd.gov.in](http://www.nscd.gov.in) as per the following schedule:-

### **SCHEDULE**

<b>S. No.</b>	<b>Description</b>	<b>Date</b>	<b>Time</b>
1.	Bid Document Publishing Date	24 <sup>th</sup> October, 2025	(18:50)
2.	Bid Document Download / Sale Start Date	24 <sup>th</sup> October, 2025	(18:50)
3.	Seek Clarification Start Date	24 <sup>th</sup> October, 2025	(18:50)
4.	Seek Clarification End Date	31 <sup>st</sup> October, 2025	(16:00)
5.	Pre-Bid meeting Date	<b>30<sup>th</sup> October, 2025</b>	<b>(11:30)</b>
	<b>Link for Pre Bid Meeting: <a href="http://meet.google.com/xcn-iqzf-rvj">http://meet.google.com/xcn-iqzf-rvj</a></b>		
6.	Bid Submission Start Date	1 <sup>st</sup> November, 2025	(10:00)
7.	Bid Submission Closing Date	12 <sup>th</sup> November, 2025	(15:00)
8.	Technical (Techno-Commercial) Bid Opening	13 <sup>th</sup> November, 2025	(15:00)
9.	Financial Bid Opening Date (Technically Qualified Vendors only)	<i>To be notified later</i>	

**Estimated cost of work** – ₹23,25,039/- (inclusive of GST)

**Period of completion of work** – 35 days

Tender document can be downloaded from the Central Public Procurement Portal (CPPP) website <http://eprocure.gov.in>.

**Important Information:**

1. **THE WORK SITE IS SHIMLA PLANETARIUM, SHIMLA (Himachal Pradesh).**
2. Bidders may visit Shimla Planetarium, Shimla. (work site) & NSCD to ascertain the nature and quantum of work before tendering. Lack of knowledge of site conditions cannot be considered as an excuse for mistake/misrepresentation in the bid.
3. **Submission of the Bid:** This Tender is an e-Tender and bids are to be submitted through CPP Portal (<http://eprocure.gov.in>) only. Bids submitted in physical forms will be summarily rejected.
4. 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.
5. NSCD 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. NSCD also reserves the right to accept or reject any or all tenders in full or part without assigning any reason whatsoever. NSCD 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.

## **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 at 100 dpi with a black and white option which helps in reducing the size of the scanned document.
5. **The validity of Bids: The Bids should remain valid for 120 days from the date of opening of the 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. Noncompliance of applicable General Information and Instructions will disqualify the Bid.
7. The Bidders should have a 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-C”** format duly signed by the authorized signatory. The person signing the tender document should be authorized for submitting the online e-tender.
9. The Financial Bid shall be filled in and signed by the authorized signatory online as per Format “**Annexure-B**” available at **Central Public Procurement Portal** e-tender system website <http://eprocure.gov.in/eprocure/app>. **Offline Financial Bid shall not be accepted.**
10. Tender must be uploaded in two separate covers marked **Cover-1** (Technical Bid/ (Techno-commercial bid) and **Cover-2** (Financial Bid/BOQ and Cost breakup). The contents of Cover-1 and Cover-2 shall be as follows:-  
**Cover-1:** It shall contain
  - i. “Technical (Techno-Commercial) Bid” document as detailed in **Annexure-C** duly filled in and digitally signed with an official stamp.
  - ii. All relevant supporting documents related to “Technical (Techno-commercial) Bid” As per “**Annexure-C**”.

- iii. The scanned copy of Bill of Quantities (**Annexure-A**), General Terms & Conditions etc. duly signed by the Authorized Signatory with the official stamp as a token of acceptance of the same by the bidders.
- iv. Proof of submission of EMD/Bid Security or Bid Security Declaration & MSME registration certificate copy (in case of exemption claimed by the bidder under MSME).
- v. Other relevant and mandatory undertakings etc. as detailed in the document.

**Cover-2:** It shall contain

- i. The “Financial Bid (BOQ)” i.e. Schedule of Price Bid in the item-wise tabular format (.xls file) duly filled in and digitally signed.
- ii. Cost Breakup Sheet (as per sample attached at (**Annexure – G**)).

The **Cover-1**, i.e. Technical (Techno-commercial) Bid shall be opened by NSCD at the first instance and evaluated by the duly constituted Technical Evaluation Committee (TEC). At the second stage, the **Cover -2** containing Financial Bid (of only techno-commercially acceptable) offers shall be opened for further evaluation.

## **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 submit 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**

- i. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: [https://eprocure.gov.in/eprocure/ app](https://eprocure.gov.in/eprocure/app)) by clicking on the link “Online Bidders Enrolment” on the CPP Portal which is free of charge.
- ii. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- iii. 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.
- iv. 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.
- v. 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.
- vi. 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**

- i. 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.
- ii. 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.
- iii. 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

- i. Bidders should take into account the original e-NIT/RFP and any subsequent corrigendum published on the tender document before submitting their bids.
- ii. 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.

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 a black and white option which helps in reducing the size of the scanned document.

- iii. 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 the “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

- i. 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.
- ii. The bidders have to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- iii. Bidders should submit the EMD as per the instructions specified in the tender document. The original instrument should be posted/couriered/given in person to the Tender processing Section at the above address, latest by the last date of bid submission. The detail of the Demand Draft / any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected. **Exemption will be given to the MSME/NSIC registered agencies for submission of EMD.**
- iv. 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 (rate quote sheet for Façade Lighting), open it and complete the

blue colored (unprotected) cells with their respective financial quotes and other details (such as the 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. In addition to the above, the Cost Break-up shall be submitted in tabular format duly digitally signed with an official stamp.

- v. 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.
- vi. 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 the 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.
- vii. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- viii. 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.
- ix. 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 for a tender or the relevant contact person indicated in the tender
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.
3. Any queries relating to the Tender may be addressed to [kkhimnani@gmail.com](mailto:kkhimnani@gmail.com), [nscdelhi10@gmail.com](mailto:nscdelhi10@gmail.com) with proper credentials of the bidders before the bid clarification date thereafter no queries will be entertained

**National Science Centre**  
(A Unit of National Council of Science Museums)  
Near Gate No. 4, Pragati Maidan,  
Bhairon Road, New Delhi- 110001

TENDER NO.: NSCD/18011/E-Tender – 27 / 2025 – 26

**GENERAL TERMS AND CONDITIONS (GTC) FOR SUBMISSION OF E-TENDER**

**Name of the work: Fabrication of Wooden Cabinets and Panels for Development of Upcoming “Astronomy” Gallery at Shimla Planetarium, Shimla (Himachal Pradesh)**

### **1. INTRODUCTION**

National Science Centre Delhi, the northern zone head office of the National Council of Science Museums, Ministry of Culture, Government of India invites offers/ bids from reputed and experienced agencies for undertaking the subject work at **Shimla Planetarium, Shimla (H.P.)**, as per the laid down specifications and terms of the tender.

### **2. BACKGROUND**

The primary objective of the project is to serve as an enlightening space, where visitors can delve into the wonders of the universe. It aims to present the comprehensive narrative of Astronomy in a simple and accessible manner, offering scientific viewpoints that are easy to grasp.

The Estimated Project Cost (EPC) shall be about **₹23,25,039/-** including GST. This cost includes the cabinet fabrication, wall paneling, of the core exhibits (provided by NSCD) with the fabricated cabinets/structures and cove lighting of the Project Facilities within the specified timelines. The EPC is inclusive of 1 year of defect liability period (DLP).

Note: Cost estimate is indicative in nature, and the Bidders are required to carry out independent evaluation, verification, and assessment prior to quoting the Financial Bid.

### **3. BIDDING & SELECTION PROCESS**

1. The complete bidding documents (the “Bidding Documents”) and any addenda/corrigenda issued subsequent to this tender will be deemed to form part of the Bidding Documents.
2. The Authority has adopted an online Single-Stage two envelop system (collectively the “Selection Process”) for evaluating the Bids/Proposals comprising technical and financial proposals to be submitted online through e-tendering as mentioned CPP portal . In the first step, the Technical Bids of all Bidders shall be evaluated whether they meet the Minimum Eligibility Criteria set forth in **Clause 4** of this GTC for undertaking the Project and their responsiveness. Once it is determined that the Bid is responsive and Bidder fulfils the Minimum Eligibility Criteria, these eligible bidders will be required to make presentation before the Technical Evaluation Committee (TEC).
3. Marks shall be allocated based on the eligibility criteria and presentation. Only those Bidders who score a minimum 75 marks out of 100 in Technical evaluation shall be

entitled to opening of their Financial Bid subject to and in accordance with provisions set out under this tender The successful bidder will be selected on the least cost system based on their financial bids.

*Note: Technical Bids will be evaluated on the basis of documents as detailed above & Presentations to be made by the eligible agencies before the TEC. The date and time of the presentations will be conveyed to the eligible agencies.*

**The first ranked Bidder (the “Selected Bidder”) shall be called for negotiation/clarifications, if necessary, while the second ranked Bidder will be kept in reserve.**

#### **4. ELIGIBILITY CRITERIA:**

- i. Individuals, Limited Company /Corporation, Proprietary/ Partnership firms, Consortium/ Joint Venture (Maximum 2 members) are allowed to bid for the work. Submit company registration certificate and/or JV agreement etc.
- ii. Bidder shall not have a conflict of interest (the “Conflict of Interest”) that affects the Bidding Process and submit a declaration in this regard. Any Bidder found to have a Conflict of Interest (at a later date) shall be disqualified. In the event of disqualification, the Authority shall be entitled to forfeit and appropriate the Bid Security and cancel the order (if placed).

Without prejudice to any other right or remedy that may be available to the Authority under the Bidding Documents and/or the Agreement or otherwise. A Bidder shall be deemed to have a Conflict of Interest affecting the Bidding Process, if:

- a) A constituent of such Bidder is also a constituent of another Bidder; or
  - b) Such Bidder receives or has received any direct or indirect subsidy, grant, concessional loan or subordinated debt from any other Bidder, or has provided any such subsidy, grant, concessional loan or subordinated debt to any other Bidder, its member; or
  - c) Such Bidder has the same legal representative for purposes of this Application as any other Bidder; or
  - d) Such Bidder has participated as a Bidder to the Authority in the preparation of any documents, design or technical specifications of the Project.
- iv) No agency or current employees of the Authority shall work as the Bidders under their own ministries, departments, or agencies. A declaration to be submitted to this effect in **Annexure – I**.
  - v) A Bidder should have, during the last three years, neither failed to perform on any agreement, as evidenced by imposition of a penalty by an arbitral or judicial authority or a judicial pronouncement or arbitration award against the Bidder, nor been expelled from any project or agreement nor have had any agreement terminated for breach by such Bidder. The bidder must not have been black listed/debarred by any Government/Semi Government Organization or Corporation in India at any stage in last five years. **The bidder is required to submit declaration in this respect on an Affidavit of ₹100/- Stamp paper.**

- vi) The Bidder should submit a Power of Attorney as per the format at **Annexure-G.1.**
- vii) **General Eligibility – the agency should have** valid registrations such as PAN, GST, EPF and ESI Registration of the participating firm/lead firm. **Submit copies of these documents.**
- viii) The bidder (the lead partner in case of consortium/JV) should be in existence for at least 5 years in similar business as on the date of publication of this RFP. **Submit a copy of registration certificate and work order to confirm the existence for 5 years.**
- ix) **Financial Capacity :**
- a. Turnover: The Bidder shall have minimum Average Annual Turnover of ₹25 Lakhs (Rupees Twenty Five Lakh only) during last 3 (three) financial years issued duly **certified by the Chartered Accountant** (FY 2022-23 & 2023-24, 2024-25).
  - b. Net worth: Bidder shall have net worth of ₹25 Lakhs (Rupees Twenty Five Lakh only) as on 31<sup>st</sup> March 2025
  - c. Income Tax Return Certificate: Bidder has to upload last 3 financial years ITR Certificate.

Note: The Bidder must submit, with its Technical Proposal, the documentary evidence regarding fulfilment of all the above criteria.

- x) **Similar Work Experience:** The Bidder should have completed (Ref format **Annexure – C and ensure to submit work order copies as well as completion certificates**) similar works during the past 3 years:
- a. **1 (One)** similar work (in Central Government/ Central Autonomous Bodies/ State PWD/ Central Public Sector Undertakings) of value not less than 80% of the estimated cost.
- OR**
- b. **2 (Two)** similar works (at least one of them should be in Central Government / Central Autonomous Bodies/ State PWD / Central Public Sector Undertakings) each value not less than 50% of the estimated cost.
- OR**
- c. **3 (Three)** similar works (at least one of them should be in Central Government / Central Autonomous Bodies/ State PWD/ Central Public Sector Undertakings) each value not less than 40% of estimated cost.

**Note: 1. Similar Works means Fabrication, Supply and Installation of Permanent Exhibitions / Museum /Museums of permanent nature like museum/ science center/ science city with the nature of work involved exhibit cabinet fabrication etc.**

- xi. Agency should have sufficient physical infrastructure of the agency, their workshop, manpower, machinery, printing facilities (either in-house or collaborators) to execute works of this nature in short durations. Provide details on letterhead with supporting documents/tie-ups with agencies etc.

The bidder should submit supporting documents in support of their eligibility criteria and other details as per the formats provided in the annexures.

**Notes:**

- i. In the case of Consortium/JV participating in this tender, the works of all the individual members of the Consortium/JV done independently (not in JV/consortium with other agency) will be considered as valid work experience.
- ii. If any bidder has executed the similar work as a part of a consortium/JV in the past then the work experience of the bidder shall be considered as valid only if all the consortium/JV partners are participating together in the present RFP also.*
- iii. The details of qualifying works/projects shall be furnished as per the proforma in **Annexure – C** and if required, the bidder shall also facilitate inspection of the above qualifying project(s) by NSCD's officials to ascertain the performance of the system.
- iv. The bidder should submit copy/copies of the work order(s) issued in the name of the agency as well as copies of work completion certificate of the same work, clearly indicating the value of the work of similar nature. If the work order contains several works, only the value of the works of a similar nature shall be considered for work experience. If the value of the works of similar nature is not specifically mentioned in the cost breakup, the work experience against that work order will not be considered as valid.
- v. NSCD may inspect any of those works 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.
- vi. The bidder should provide documentary proof to clearly substantiate each eligibility criteria, failing which the bid will be summarily rejected.
- vii. Even though the bidders meet the above qualifying criteria, they likely to be disqualified or orders to be (if placed) cancelled 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 etc.

## 5. EARNEST MONEY DEPOSIT/ BID SECURITY

Earnest Money Deposit for the tender is ₹58,126/- (Rupees Fifty Eight Thousand One Hundred and Twenty Six only). The EMD should be deposited in the form of Demand Draft or Pay Order or Banker's Cheque of any Nationalized /Scheduled Bank or Bank Guarantee (valid for 6 months from the last date of submission of tender) drawn in favour of National Science Centre, Delhi payable at Delhi. Alternatively the EMD may also be paid through RTGS/NEFT to the bank account of National Science Centre, Delhi before the last date of submission of tenders. In case of payment of EMD through physical instrument, the physical instrument should be physically submitted at the office of National Science Centre Delhi on any working day between 10.00 AM and 5.00 PM before and up to the last date of submission of the filled-in tender documents and attach a copy of the receipt/physical instrument submitted as proof of submission in the technical documents in Part – 1. In case of online transfer, the transfer should be affected by or before the last date of submission and the proof of submission of the same should be uploaded in pdf format in the technical bid in Part-1.

Agencies claiming eligibility for EMD exemption should submit declaration on registration as MSME (Submit a copy of MSME Registration certificate in Technical documents) and Bid Securing Declaration Form (Annexure-H). In absence of these documents and EMD, the bid will be summarily rejected.

The details of bank account for transferring the EMD/Bid Security is as given below:

<b>Name of the Account Holder</b>	<b>NATIONAL SCIENCE CENTRE, DELHI</b>
<b>Account No.</b>	<b>2417101004100</b>
<b>Bank Name</b>	<b>CANARA BANK</b>
<b>Bank Address</b>	<b>6, Bhagwan Das Road, New Delhi</b>
<b>IFSC Code</b>	<b>CNRB0002417</b>
<b>MICR Code</b>	<b>110015045</b>
<b>Type of Account</b>	<b>Saving Account</b>
<b>Branch Code</b>	<b>2417</b>
<b>GST No.</b>	<b>07AAAAN2541C1Z5</b>

The EMD, in case received, shall be refunded to the unsuccessful bidders within 4 weeks of finalization of the tender. In case of the successful tenderer, this will become part of the Security Deposit / Performance Guarantee and the same will be refunded after successful completion and lapse of Defect Liability Period.

## 6. SCOPE OF CONTRACT

The successful bidder shall be responsible for thoroughly studying the drawings, rendered images and, site conditions etc. and submit their quotes/rates. It shall be the responsibility of the agency to engage skilled manpower to deliver the required quality of interiors, equipment, finishes etc. The agency shall seek any clarifications on the drawings / processes/finishes/makes etc. in advance and arrange all the required materials, men, tools & tackles to ensure timely completion of the project.

As and when required, the agency shall arrange for inspection of the artworks, lighting effects etc. before finalization.

As the work being executed is for a permanent exhibition, utmost care to be taken regarding the strength of structures to ensure their durability owing to interactive usage by the visitors. It is to be noted that the flooring and ceiling works are completed at site and hence, utmost care to be taken at site while executing the fabrication works not to cause any damage to the existing facilities/finishes. In case of any damage caused, the same needs to be rectified to original finish by the agency at their own risk and cost.

The successful bidder shall carry out and complete the works in every respect in accordance with this contract with the directions of the designated officers and to the satisfaction of the NSCD. The designated officers may from time to time issue further drawings and/or written instructions, detailed directions and explanations with 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 drawings or between the schedule of quantities and/or drawing and/or specifications.
- c. The removal from the site of any material brought therein by the successful e-tenderer and the substitution of any other materials therefrom.
- d. The removal and/or re-execution of any works executed by the successful bidder not conforming to the specs.
- e. The dismissal of any persons employed from the works.
- f. The opening up for the 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 Engineer's instructions involved variations from the priced Schedule of Quantities, such instructions shall be issued by the Centre and the successful e-tenderer 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 etc. required for satisfactory completion of the items of work as indicated in drawings and description given in the specifications, which are attached herewith unless the item specifies labour only or otherwise.
- 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 design, drawings and specifications and bill of quantities taken together, whether the same may or may not be particularly shown on the drawings or described in the specifications or included in the bill of quantities, provided that the same is to be reasonably inferred therefrom and if the bidder finds any discrepancy in the drawings, or between the drawings and specifications and bill of quantities, they shall immediately refer the same to the designated officer who shall decide which shall be followed. Figured dimensions shall be followed in reference to scale.

k. **Rates:** The rates quoted by the Successful bidder shall be paid at net rates inclusive of GST and any other taxes. They should include in their rates allowance for increase or decrease in the prices due to market fluctuation. Bidder 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 the contract period or after e-tendering. Accepted e-tender rates shall not be changed due to changes in wages of labour either.

**l. Quantities**

All the quantities given in the schedule of quantities are provisional and indicative. Bidders may prior to submitting their proposals, study the CAD drawings, Technical specifications and obtain necessary clarifications regarding information for preparation of their proposal.

The bidder shall be deemed to have given balanced rates and quantities for each item with make, model and specification. Also irrespective of variation in quantities to any extent, the bidder shall be paid at accepted contract rates only. NSCD reserves the right to increase or decrease quantities to any extent.

**7. PERFORMANCE GUARANTEE/ RETENTION MONEY/ SECURITY DEPOSIT:**

- i. This shall mean and be 5% of the total cost of work awarded.
- ii. PG amount, in excess of already deposited EMD, shall be submitted by the successful bidder before commencement of work upon placement of work order.
- iii. The Retention Money or Security Deposit so retained shall not carry any interest thereon.
- iv. 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.
- v. A penalty in the form of deduction, as deemed fit by NSCD authority, shall be applied and be deductible from the Payment payable/ Retention Money/ Security Deposit of the bidder for any lapse in providing services, rectifying defects or in case of an inordinate delay in attending the faults/defects.
- vi. If the successful bidder fails to rectify the defects within a reasonable time, such defects will be rectified by NSCD by engaging departmental staff or outside.
- vii. Agencies at their discretion, and the cost thereof, as decided by NSCD will be deducted from the Retention Money / Security Deposit of the successful bidder retained by NSCD.
- viii. In case of termination of the contract due to reasons arising out of non-performance / improper performance of the contract by the successful bidder, 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 NSCD.

- ix. In case, the successful bidder causes any damage to the property of the Client, the NSCD 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.
- x. In case of death of 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.

## **8. PROPOSAL EVALUATION / SELECTION CRITERIA**

The online bid (both Technical Bid and Financial Bid) should be uploaded by due date and time. The responsibility to ensure the same lies with the bidders. Off-line tenders shall not be accepted and no request in this regard will be entertained whatsoever. Online Technical Bids will be opened at the first instance in National Science Centre, Delhi as detailed in the Schedule for Technical Evaluation. In the second stage, the Financial Bids of only the qualified techno-commercial acceptable offers will be opened. Decision of the Centre, regarding selection of eligible and qualified vendors / firms for opening the Financial Bid shall be final and binding on the bidders. Bidders may be present during opening of tenders.

Order shall be placed in favour of the bidder whose technical bid is acceptable and offered overall lowest rate in as per Price Quoted in format given in **Annexure – B**.

The Authority reserves the right to reject any Proposal which is non-responsive and no request for alteration, modification, substitution, or withdrawal shall be entertained by the Authority in respect of such Proposals.

### **Notes:**

1. Technical 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.

### **A. Technical Evaluation**

The Technical Evaluation Committee (TEC) appointed by the competent authority shall carry out its evaluation applying the eligibility evaluation criteria specified in the bid document. Evaluation of the application would be done as per the documents submitted by bidders/agencies.

**NOTE:** NSC Delhi reserves the right to accept or reject any or all tenders in full or part without assigning any reason whatsoever. NSCD shall also not be bound to accept merely the lowest tender but the technical suitability and capability shall be of prime consideration for selection of the equipment /system.

**B. Financial Evaluation**

- a. The Financial Bids of only the technically qualified bidders will be opened.
- b. Details of the taxes and duties applicable on the basic cost of development of items mentioned in BOQ must be indicated clearly in the financial bid.
- c. Order shall be placed in favour of the bidder whose technical bid is acceptable and offered overall lowest rate in as per Price Quoted in format given in **Annexure – B**.
- d. Errors & Rectification: Arithmetical errors will be rectified on the following basis: “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 shall prevail and the total price shall be corrected. If there is a discrepancy between words and figures, the amount in words will prevail”.

**9. JOINT VENTURES / CONSORTIUM**

In the event that the successful bidder is a consortium/joint venture formed, lead partner/ prime contractor in whose name LOI is issued shall be fully and solely responsible for the performance of contract and all works designed and executed under the contract.

Bids submitted by a consortium or joint venture **of maximum two firms including lead partner, all partners shall comply with the following requirements:**

- i. The consortium as a whole must be a sound entity technically and the lead partner must be a sound entity financially.
- ii. The Consortium as a whole must satisfy the qualification criteria set forth herein. The turnover of the 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.
- iii. 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.
- iv. 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.
- v. 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.

- vi. 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.
- vii. Only firms or joint ventures that have been qualified under this procedure will be eligible to bid for this project.
- viii. 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.
- ix. Any individual bidder or member of a consortium cannot be a member in another consortium and participate in this tender.
- x. All correspondence or communications will be done by the Lead partner (or authorized representative of Lead Partner) of the consortium.
- xi. Net worth as on the last day of the preceding financial year should be positive during the preceding three consecutive financial years.
- xii. Bidder submitting their bid shall not be under liquidation, court receivership or similar proceeding

**10. COMPLETION TIME**

The project / work is to be completed within **35 days** from the date of issuance of the work order/LOI.

**11. AMENDMENT OF Tender Document**

- a. At any time prior to the deadline for submission Bids/ Proposal, the Authority may, for any reason, whether at its own initiative or in response to clarifications requested by a Bidder, modify the RFP document by the issuance of Addendum/ Amendment.
- b. All such amendments will be uploaded on e-tendering website CPP Portal and will be binding on all Bidders.
- c. In order to afford the Bidders a reasonable time for taking an amendment into account, or for any other reason, the Authority may, in its sole discretion, extend the Proposal Due Date (PDD).

**12. DEFECT LIABILITY PERIOD.**

Defect Liability Period (DLP) shall be of **ONE YEAR (1)** from the date of actual satisfactory completion & handing over of the entire job as certified by the authorities of NSCD.

**13. TERMS OF PAYMENT:**

No advance payment shall be made by National Science Centre, Delhi under any circumstances. One interim payment shall be released at the discretion of the Centre. Final payment for the actual quantities of work done will be released within 30 (thirty) days from the date of receipt of Tax Invoice/Bill duly supported by receipted challan and satisfactory inspection and completion report/certification.

**Note:**

- i. In case the work is carried out in phases, total payment admissible will be computed on a pro-rata basis based on completed percent of work vis-à-vis total work under consideration.
- ii. All payments, as above, shall become payable within thirty 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 has to be provided with each invoice.
- iii. Statutory deductions/recoveries viz. TDS, GST, Labour cess, etc. shall be made as per the relevant provisions from the payment due to the bidder from time to time.
- iv. NSCD reserves the right to foreclose the agreement at any stage by giving one-month notice, in case the performance is not up to required level or reminders not yielding results in specified time frame. In that case no further payment shall be paid to the Agency for the remaining stages of the work and no claim of this account will be entertained.

**14. OTHER TERMS AND CONDITIONS**

- a. The successful tenderer shall submit the following documents within **03 (Three)** working days from the date of placement of Letter of Intent.
  - Duplicate copy of the Purchase Order / LOI duly signed and stamped as a token of acceptance of the order.
  - Non-judicial stamp paper of appropriate value for preparing the Agreement governing the terms and conditions of the Contract.
  - Performance Guarantee / Security Deposit as above.
- b. In case the successful bidder refuses to accept the offer after finalization 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 finalized and accepted terms & conditions, the order shall be cancelled forthwith and action will be initiated.
- c. Successful bidder shall liaison with the authorities of HIMCOST/NSCD to get necessary entry passes etc. for their men and materials working at site. Necessary supporting communication shall be provided by the Centre to the successful bidder in this regard.
- d. The tender and all its terms will be part of agreement between Museum / Centre and the successful tenderer.
- e. The contractor may visit the site & thoroughly understand the drawings and scope of work before quoting his rates in the tender and acquaint himself with site conditions thoroughly. No claims for additional payments would be entertained arising out of contractor's ignorance of site conditions.
- f. The rate quoted by the contractor shall include all labour, materials, tools & tackles, fixtures, etc. for executing and completing the work. He should also include in his rate all taxes including taxes on works contract, GST, freight, etc., and also should allow for fluctuations of market prices.

- g. The contractor shall arrange for water and electricity required at their own cost.
- h. The contractor should quote balanced rate. Quantities given in the schedule are tentative and may vary up to any extent. The Museum/Centre reserves the right to execute or to delete any item or increase or decrease any quantity or quantities of the bill of quantities. Rates quoted in the tender shall be binding for all such variation in quantities.
- i. The contractor shall be responsible for the true and perfect setting out of works and also correctness of positions, levels, dimensions and alignment of all parts thereof. If any time any error arises the contractor shall rectify it at his own cost.
- j. All waste material, filth or other matters of offensive nature or which are of no use shall have to be removed from the premises by the contractor at his own cost on weekly basis and keep the work environment clean at all times.
- k. Materials to be used in the work shall conform to the prescribed norms. In absence of specifications, if any, I.S. specification should be followed and alternate should be got approved before using.
- l. National Science Centre will not be liable for any injury or death of an employee who is deployed by the successful bidder within/outside the work site during the time of execution of the work order.
- m. **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 bill of the successful bidder.
- n. The authorities of NSCD 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.
- o. The quoted rate shall remain unchanged during the entire contract period.
- p. The successful bidder shall be liable for depositing all taxes, levies, cess, etc. on account of service rendered by them to concerned tax collection authorities from time to time as per extant rules and regulations on the matter.
- q. The successful bidder shall maintain all statutory registers under the applicable laws. They shall produce the same, on demand, to the concerned authority of this Office or any other authority under Law.
- r. 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 bidder/contractor/supplier by this Office.

- s. 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, this office (National Science Centre, Delhi) will be entitled to get itself reimbursed out of the outstanding bills or the Security Deposit of the Agency, to the extent of the loss or obligation in monetary terms.
- t. Bidders should provide complete details of their local and other offices in Delhi/NCR.
- t. 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 project.
- u. This team of personnel will also be required to monitor the progress and review in consultation with NSCD officials on a regular basis.
- v. **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.**
- w. 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 Delhi only.
- x. **Arbitration Clause:** All disputes and differences between the successful tenderer 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 Tenderer and the Council.
- y. The provisions of the Arbitration and Conciliation Act 1996 or any statutory modification of the rules made there under for the time being in force shall apply to arbitration's proceedings under this Clause.
- z. **Force Majeure:** Neither party shall bear responsibility for the complete or partial non-performance of any of its obligations (except for failure to pay any sum which has become due on account of receipt of goods under the provisions of the present contract), if the non-performance results from such Force Majeure circumstances as Flood, Fire, Earth Quake and other acts of God as well as War, Military operation, blockade, Acts or Actions of State Authorities or any other circumstances beyond the parties control that have arisen after signing of the present contract. In such circumstances the time stipulated for the performance of an obligation under the present contract is extended correspondingly for the period of time of action of these circumstances and their consequences.

## TECHNICAL SPECIFICATIONS FOR THE WORK

### 1. **Fabrication of Wooden Cabinets and Panels for development of upcoming “Astronomy” gallery at Shimla Planetarium**

Wooden cabinets and wall panels are required to be fabricated with quality finish and workmanship for housing the exhibits and displaying the panels. This document forms the technical specification for fabrication of these cabinets and the display panels. Offers are invited from competent tenderers to execute the fabrication job with providing the material conforming to this technical specification and other conditions of the Tender Specification.

### 2. **Fabrication of the Cabinets**

All the cabinets will be fabricated fully seasoned good quality medium Teak Wood frames as the skeletal structures covered with Plywood Sheets Decorative Laminated sheets, as per the colour scheme, are to be pasted onto the plywood sheets. Supply of materials viz. Teak Wood, Plywood Sheets, Decorative Laminated sheets, etc. and various consumables required for fabrication are in the scope of work of the tenderer strictly as per specified technical specification. Fabrication of the cabinets has to be executed in accordance with following drawings/model each of which forms an integral part of this specification:

- (1) The Dimensional Layout Plans of the Gallery at page-1
- (2) Detailed Fabrication Drawing of the Cabinets and Panels, Drg. No.- SP/AG/01 to SP/AG/15

### 3. **Materials used in fabrication**

**Structure of Cabinets and Panels :** The structure of the cabinets shall be made of wooden framework using suitable section of medium Teak Wood viz. 50x38 mm (2” X 1.5”), 50 X 25 mm (2” X 1”), 50 X 50 mm (2” X 2”), 25 X 25 mm (1” X 1”) etc. as per technical specification.

**Panels & Cabinet Walls :** Panels & Cabinet Walls shall be made of HDHMR, Termite resistant Plywood sheets of 4 mm, 6 mm, 12 mm, 19 mm thickness of Action Tesa make as per technical specification. **Laminated Sheet :** Wall and panel lamination shall be done as per approved colour scheme by pasting 1 mm thick branded laminate sheets with adhesive (Fevicol — SH only) as per technical specification.

**Toughened Glass :** **Clear, transparent, wrinkle and scratch free Modi Guard or Saint Gobain make toughened float glass with properly ground and polished edges shall be used wherever mentioned in the drawing.**

**Adhesive and other hardware Materials :** Adhesive and other hardware materials should be used as per technical specification.

**SS structures :** Use 304 Grade SS pipe buffed and polished as per our specification for fabrication of railing wherever given in the drawing.

**Cove Lighting:** Where ever mentioned cove lighting is to be done using Philips make LED strips with same make power supply. Lighting is to be done in such a way that neither LED strip should be visible nor it should detached from cabinet.

### 4. **General Instruction :**

- 4.1 Dimensions in the detailed drawings are to be followed during fabrication of the cabinets. However, the contractor should, in addition to consulting the fabrication drawings and the layout drawing, check the actual dimensions at site before fabricating the cabinets. Any variation found thereof should be brought to the notice of the authority and got approved by the concerned authority before finally fabricating and installing the cabinets at site.
- 4.2 All the dimensions in the drawings are in millimeter unless otherwise specified.
- 4.3 Please do not scale the drawings, as some parts of drawing may not be to the scale.
- 4.4 Curved partition is to be made of teakwood of Cross Section 2” X2” vertical member and 25mm thick HDHMR Board horizontal curved member in a grid size of 12” X 16” with 6mm HDHMR ply of Action Tesa make on frame supported from back wall and fixed on floor (wherever necessary) as per the given drawing at site,

- 4.5 All joints used in the teak wood framework shall be 'Mortise & Tenon' and 'Half lap' wherever applicable after consultation with the concern person of NSCD. Simply jointing two wood sections using nails/screws is not permissible.
- 4.6 Wherever needed service doors of required size should be provided with framework, suitable size and number of hinges and lock & key arrangements (high door do have two locks). The lock should be Godraj make and multiple locks with single key type, if maintenance door is not shown in the drawing, it may be consulted with the authorized person of NSCD for the necessity.
- 4.7 Use 2mm thick LG or equivalent approved make PVC Flooring suitable for heavy traffic (heavy visitors foot fall) joints welding with suitable shade PVC welding rods for finishing the wooden surfaces wherever mentioned in the drawing.
- 4.8 All the structures to be firmly supported from walls etc. as per direction at site.
- 4.9 All wooden beadings used for fixing of Glass / acrylic / polycarbonate sheets shall be Teak Beading polished to melamine finish or painted as per drawing or requirement.
- 4.10 Bending of pipe should be such that there should not be any dent or deformity visible on the surface. Fabricated metal surfaces/ structures should look finished and smooth from all directions.
- 4.11 Proper eco-friendly anti termite chemical of approved brand shall be applied on all wooden / plywood surfaces which are not finished with paint/laminate.
- 4.12 No part of the screws/nails should project out of the cabinet surface, outside or inside. They shall be flushed completely to the surface.
- 4.13 Decorative Laminated sheets, pasted on any two meeting surfaces, shall be mitred.
- 4.14 All the partition work should be perfectly vertical and sufficient strengthening support to be drawn from back wall or other available structures.
- 4.15 All the tools & tackles, instruments or any other devices/contrivances that are/may be required for proper and efficient execution of the fabrication job, shall be arranged by the contractor only.
- 4.16 Stage inspection and supervision shall be carried out on regular basis during the entire period of fabrication by the competent authority of National Science Centre, Delhi. Modifications pointed out during inspection and required for better design of the cabinets shall be carried out by the contractor without any extra cost.
- 4.17 Tenderer/Contractor is advised to see the List of Drawings laid down in the **Annexure** — I of this Schedule carefully and follow the same for fabricating the cabinets.
- 4.18 Tenderer shall quote their rates only as per the format mentioned in **Annexure** — G of this Schedule.

## **5. Technical Specification for the Galley fabrication work :**

### **5.A Material specification for wooden structures:**

- 5.A.1 Unless specified, for all the frameworks for exhibit cabinets, use 38mm X 50mm finished cross section fully seasoned good quality medium Teak Wood for vertical and 50mm X 38mm finished cross section medium Teak Wood for horizontal members. Use only fully seasoned, knot and crack free straight medium Teak Wood.
- 5.A.2 Use only new and latest stock of one side laminated HDHMR Boards of Action Tesa make conforming to. These are to be got approved before using in fabrication. Action Tesa make one side laminated HDHMR Ply of their premium grade only will be accepted.
- 5.A.3 All the visible surfaces of partition from visitors' movement area should have laminated / painted finish/polish finish. Refer to specifications for laminated finish and paint finish as per details given  
In Clause No.5 B ,5C. and 5D

- 5.A.4 Use only Fevicol (SH) adhesive for frame joining, ply fixing on frames, laminate pasting works etc.
- 5.A.5 All the structures to be firmly supported from walls etc. as per direction at site.
- 5.A.6 Proper eco-friendly anti termite chemical shall be applied on all wooden/plywood surfaces, which are not visible.
- 5.A.7 All hinges and other hardware items like Hinges, Telescopic sliders etc. should be of Hettich or equivalent approved make.
- 5.A.8 All Dimensions given in the drawings are in millimeter, unless & otherwise specified.
- 5.A.9 Dimensions given in the drawings are indicative. The actual dimensions for fabrication may vary depending on site conditions.
- 5.A.10 All maintenance doors Should flush with the existing structure.
- 5.A.11 Use only Godrej make locks wherever doors are to be provided. The locks used should be multi lock as per as possible.
- 5.A.12 Bending of pipe should be such that there should not be any dent or deformity visible on the surface. Fabricated metal surfaces/ structures should look finished and smooth from all directions.

**5.B Specification for pasting decorative laminates on exhibit cabinets and partitions:**

- 5.B.1 The selected tenderer(s) shall use latest stock of Century/Green Lam make 1mm thick decorative matt /SF finish laminates of approved colour and conforming to IS: 2046 — 1995 as per the colour scheme required for individual cabinets.
- 5.B.2 **Edges of laminates shall be beveled before pasting to avoid visibility of all edges etc.**

**5.C Painting of surfaces**

- 5.C.1 Surfaces should be first given one coat of wood primer of Asian/ICI/Dulux make.
- 5.C.2 Putty finish (JK or approved make) is to be done to make the surface smooth.
- 5.C.3 Rubbing of surfaces with sand paper to get finished surface.
- 5.C.4 Painting of surfaces with acrylic emulsion/Enamel/NC paint (2 or more coats) of desired shade.

**5.D Polishing of surfaces**

- 5.D.1 Prepare the surface using suitable sand paper
- 5.D.2 Apply desired shade powder mixed with fevicol to fill the veneers of Board.
- 5.D.3 Apply coats of French polish (sprit polish) till the required finish is achieved.
- 5.D.4 Apply clear lacquer to the surface wherever required.

- 5.E **Cove Lighting:** Where ever mentioned cove lighting The LED Strip Lighting warm white (3000K) as per requirement. is to be done using Philips make LED strips with same make power supply. The Energy-efficient LED drivers with low power consumption and Proper heat dissipation design should be there to ensure longevity for the gallery. Lighting is to be done in such a way that neither LED strip should be visible nor it should detached from cabinet.

Date

\_\_\_\_\_  
Signature of Tenderer with Office Seal

**CHECK LIST**

S. No.	Details	Details	Pg. Nos.
1	Name and Full Address of the bidder with Tel. No, E-mail & Fax Number (s) and Contact person on letter head		
2	Status of the bidder: - Company / Partnership Firm/ Proprietorship firm/Consortium – Please specify		
3	Name and Address of the lead partner of the consortium to whom the order will be placed. (Applicable only for the Consortium)		
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 ₹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.	Submitted/ Not Submitted	
11	The bidding agency (the lead partner in case of consortium/JV) should be in existence for at least 5 years as on the date of publication of this tender. Documents required: For establishing the existence of the agency which is participating in the bid, the bidder should submit a copy/copies of the work order(s) issued on the name of the agency (of the lead partner in case of consortium/ JV) as well as copies of work completion certificate of the same work. ( <b>Annexure – C</b> )	Submitted/ Not Submitted	
12	Submitted the signed and filled copy of ANNEXURE – C : Work Experience	Submitted/ Not Submitted	
13	Submitted the signed and filled copy of ANNEXURE – D: Acceptance of Scope of contract	Submitted/ Not Submitted	
14	Submitted the signed and filled copy of ANNEXURE – E : Format For Articles Of Agreement	Submitted/ Not Submitted	
15	Submitted the signed and filled copy of ANNEXURE – F: Power of Attorney for signing the proposal	Submitted/ Not Submitted	
16	Submitted the signed and filled copy of ANNEXURE – G : Sample Cost Breakup sheet	Submitted/ Not Submitted	
17	Submitted the signed and filled copy of ANNEXURE – H : Bid Security declaration form	Submitted/ Not Submitted	
18	Submitted the signed and filled copy of ANNEXURE – I : Declaration	Submitted/ Not Submitted	
19	Submitted the signed and filled copy of ANNEXURE – J : Drawings	Submitted/ Not Submitted	

**FINANCIAL BID FORMAT****Rate NOT to be quoted here. To be quoted ONLY in excel sheet at CPP Portal**

<b>Tender Inviting Authority: Director, National Science Centre, Delhi</b>						
<b>Name of the Work:</b> Fabrication, Supply and Installation of exhibit cabinets, and other related works for setting up an Astronomy Gallery at Shimla Planetarium, Shimla (Himachal Pradesh)						
<b>Tender Details:</b>						
<b>Name of the Bidder:</b>						
<b><u>PRICE SCHEDULE</u></b>						
(This is just a format for submitting Financial Bids ONLY and must not be filled here.)						
<b>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 accepted.)</b>						
S. No.	Drawing Number/ Item Description	Quantity	Units	Rate (in Rs.)	GST	Total Amount including GST (in ₹)
1	Fabrication, Supply and Installation of exhibit cabinets, and other related works for setting up an Astronomy Gallery at Shimla Planetarium, Shimla	1	job			

**Note:**

- a. Bidders are required to quote for all the items mentioned in the Bill of quantities failing which their bids will not be considered and out rightly rejected.
- b. Besides this, the bidders must fill up the **cost break up sheet** as per **Annexure - G** and upload the same in the CPP Portal **in Cover II of the Financial Bid.**
- c. The total amount with GST of the BoQ and the total amount with GST of cost break up sheet should match.
- d. Offline Financial Bid shall not be accepted under any circumstances.

**EXPERIENCE IN EXECUTING SIMILAR WORKS EXECUTED DURING  
THE LAST 3 YEARS**

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

<b>S. No.</b>	<b>Name of the Project</b>	<b>Value of Work executed in INR</b>	<b>Name of the Client</b>	<b>Client Phone Number</b>	<b>Starting Date of Project</b>	<b>Completion Date of Project</b>	<b>Details/ Scope of Work</b>

**Note: Submit the copies of work orders and completion certificates without which the work will not be considered valid.**

---

(Signature of Authorized Signatory)

NATIONAL SCIENCE CENTRE  
(A Unit of National Council of Science Museums)  
Bhairon Road, Near Gate No. 4, Pragati Maidan,  
New Delhi – 110001

**TENDER NO. NSCD/18011/E-Tender – 27 / 2025 – 26**

**ACCEPTANCE OF SCOPE OF CONTRACT**

We do hereby accept the “Scope of contract, Bill of Quantities, General Terms & Conditions, NITs etc. as provided by the National Science Centre along with the Tender documents for **Fabrication of Wooden Cabinets and Panels for development of upcoming “Astronomy” gallery at Shimla Planetarium, Shimla (Himachal Pradesh)** within the stipulated time strictly as per the Scope of contract, BOQ and Technical Specifications of National Science Centre, Delhi as provided along with the tender documents, in the event of placement of any order on us. I/We agree and undertake to abide by all the terms and conditions of the RFP Document.

We undertake that the gallery designs, render views and other design elements of the gallery, technical information and proprietary information provided in the tender are confidential in nature and we shall not share these details by any means to anybody and we shall not use the same in any of our future projects without written consent from NSCD.

I/We also acknowledge the right of the Authority to reject our application without assigning any reason or otherwise and hereby waive our right to challenge the same on any account whatsoever. The NSCD shall be at liberty to cancel the order in full or part, in the event of failure of the above declaration made by us at our cost.

---

Signature of the Bidder / Constituted Attorney

**FORMAT FOR ARTICLES OF AGREEMENT**

**INSTRUCTIONS (not to be typed in Agreement)**

(Articles of Agreement have to be typed on non-judicial stamp paper of value ₹100. The stamp paper will be purchased by the successful e-tenderer and the agreement may be typed by the Museum/Centre according to the format.)

ARTICLES OF AGREEMENT made at ..... (Place) this  
..... day of ..... (Date) (Month & Year) Between the  
.....

(Name of the parent Museum/Centre, National Council of Science Museums, a Society registered under the Societies Registration Act of West Bengal, 1961), hereinafter referred to as the Museum/Centre which expression shall include its successors and assigns on the one part  
and  
.....  
.....

(Name of the successful e-tenderer and address)  
trading in the name and style of .....  
.....

(Name and complete address of the successful e-tenderer) 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 Museum/Centre is desirous of getting the work of .....  
therein done and has caused (Name of the work) .....  
Notice Inviting E-tender, drawings, schedule of quantities and specifications describing the work and conditions of contract, and the tender is awarded to .....  
.....  
(Name and address of the Bidder).

AND WHEREAS the said NIT including appendix, drawings, specifications and the priced schedule of quantities and conditions contract have been signed by and/or on behalf of the parties hereto which are integral part of this agreement.

AND whereas the Successful e-tenderer has deposited in Bank Draft/Pay Order/ NEFT/RTGS  
.....  
(Exact amount in Rs. In numbers & words) the amount being 5% of the ordered value of the e-tender) with the Museum /Centre as Performance Guarantee / Security Deposit for the due performance of this Agreement as provided in the said conditions.

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

1. In consideration of the payments to be made, successful bidder shall upon and subject to the conditions herein contained execute and complete the work within 45 Days from the date of issue of letter of intent / Work Order (as defined in the scope of work of the NIT) and as per the said drawings and such further detailed drawings as may be provided to the successful bidder him from time to time and described in the said specifications and the said priced schedule of quantities along with the progress of the building work.
2. The Museum/Centre 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 e-tenderer shall proceed with the work with due diligence throughout the stipulated period of this contract. At any stage during execution, if any work lags behind the target for reasons directly attributable to the successful bidder, they shall pay or allow the Museum/Centre to deduct liquidated damage (LD) from any money due to them a as per the conditions of contract.
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. The Museum/Centre through the Engineer reserves to itself the right of altering the drawings 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. 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. In case of any legal dispute, other than the arbitration, the court of jurisdiction shall be at the place written in the first line of this agreement.

The provisions of the Arbitration & Conciliation 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 whereof the parties have set their respective hands the day and the year and the place herein above written.

Signed by for and on behalf of the Museum/Centre

.....  
 ....  
 (Dy. Controller of Administration)

In the presence of

1. ....

Seal (Dy. Controller, Finance & Accounts)

2. ....

(Project Co-coordinator / Engineer)

Signed by the said Successful bidder .....

In the presence of

1. ....

Seal

2. ....

**POWER OF ATTORNEY FOR SIGNING THE PROPOSAL**  
**(On ₹100/- Stamp paper)**

Know all men by these presents, We, (name of Firm and address of the registered office) do hereby constitute, nominate, appoint and authorize Mr / Ms \_\_\_\_\_ son/daughter/wife and presently residing at \_\_\_\_\_, who is presently employed with/ retained by us and holding the position of \_\_\_\_\_ as our true and lawful attorney (hereinafter referred to as the “Authorized Representative”) to do in our name and on our behalf, all such acts, deeds and things as are necessary or required in connection with or incidental to submission of our Proposal for and selection as the Bidder for **Tender No.: NSCD/18011/E-Tender – 27 / 2025 – 26** including but not limited to signing and submission of all applications, proposals and other documents and writings, participating in pre-bid and other conferences and providing information/ responses to the Authority, representing us in all matters before the Authority, signing and execution of all contracts and undertakings consequent to acceptance of our proposal and generally dealing with the Authority in all matters in connection with or relating to or arising out of our Proposal for the said Project and/or upon award thereof to us till the entering into of the Agreement with the Authority.

AND, we do hereby agree to ratify and confirm all acts, deeds and things lawfully done or caused to be done by our said Authorized Representative pursuant to and in exercise of the powers conferred by this Power of Attorney and that all acts, deeds and things done by our said Authorized Representative in exercise of the powers hereby conferred shall and shall always be deemed to have been done by us. IN WITNESS WHEREOF WE, \_ THE ABOVE-NAMED PRINCIPAL HAVE EXECUTED THIS

POWER OF ATTORNEY ON THIS \_\_\_\_ DAY OF, 2025

For

(Signature, name, designation and address)

Witnesses:

- 1.
- 2.

Notes:

- a. The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executant(s) and when it is so required, the same should be under common seal affixed in accordance with the required procedure.
- b. Wherever required, the Bidder should submit for verification the extract of the charter documents and other documents such as a resolution/power of attorney in favour of the person executing this Power of Attorney for the delegation of power hereunder on behalf of the Bidder.

**SAMPLE COST BREAKUP SHEET**

**IMPORTANT:** Original cost breakup sheet as per the details given below **to be provided separately and uploaded ONLY in Cover II of Financial Bid.**

Sl. No.	Description of item as per BoQ	Qty.	Unit	Basic Rate in INR	GST %	Total amount in INR without GST	Total amount in INR with GST
1.	NSCD/SH/AST- 01	1	Nos.				
2.	NSCD/SH/AST- 02	1	Nos.				
3.	NSCD/SH/AST- 03	1	Nos.				
4.	NSCD/SH/AST- 04	1	Nos.				
5.	NSCD/SH/AST- 05	1	Nos.				
6.	NSCD/SH/AST- 06	1	Nos.				
7.	NSCD/SH/AST- 07	1	Nos.				
8.	NSCD/SH/AST- 08	1	Nos.				
9.	NSCD/SH/AST- 09	1	Nos.				
10.	NSCD/SH/AST- 10	1	Nos.				
11.	NSCD/SH/AST- 11	1	Nos.				
12.	NSCD/SH/AST- 12	1	Nos.				
13.	NSCD/SH/AST- 13	1	Nos.				
14.	NSCD/SH/AST- 14	1	Nos.				
15.	NSCD/SH/AST- 15	1	Nos.				
16.	NSCD/SH/AST- 16 Additional Curve Partition	150	Sq. ft.				
17.	NSCD/SH/AST- 17 Additional Single Side straight Partition	200	sq. ft.				
18.	NSCD/SH/AST- 18 Additional Double Side straight Partition	100	sq. ft.				
19.	NSCD/SH/AST- A Layout drawings of floor with all clusters	1	Nos.				

\_\_\_\_\_  
Signature of Bidder/ Constituted Attorney

**BID SECURITY DECLARATION FORM**

Date: \_\_\_\_\_

**Tender No. NSCD/18011/E-Tender – 27 / 2025 – 26**

To

**NATIONAL SCIENCE CENTRE  
Near Gate No.4, Pragati Maidan,  
Bhairon Road, New Delhi - 110001**

I/We, The undersigned, declare that:

I/We understand that, according to your conditions, bids must be supported by a Bid Security Declaration in absence of EMD.

I/We accept that I/We may be disqualified from bidding for any contract with you for a period of three years from the date of notification if I am /We are in a breach of any obligation under the bid conditions and/or initiate blacklisting procedure for disqualification in any tender in the Govt. of India departments, because I/We

- a) have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or
- b) having been notified of the acceptance of our Bid by the purchaser during the period of bid validity
  - i. fail or refuse to execute the contract, if required, or
  - ii. fail or refuse to furnish the Performance Security, in accordance with the RFP terms.

I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

Date:  
Company Seal

Signature of Authorized Person with

**Note:**

**In case of a Joint Venture, the Bid Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid**

NATIONAL SCIENCE CENTRE  
NEW DELHI - 110001

TENDER NO. NSCD/18011/E-Tender – 27 / 2025 – 26

**DECLARATIONS**

1. We do hereby declare that we have quoted the rate for all the items in the cost break up sheet of **Annexure – G** and the total rate including GST quoted in the cost break up sheet is same as the rate quoted in item Rate BOQ of excel sheet (**Annexure – B**).
2. **This is to certify that neither I/we/any of us is in anyway related to any employee in the National Council of Science Museums, Kolkata, or any of its constituent units.**
3. **I/ We hereby declare that I/ we have not quoted any extra condition along with the Part-II (FINANCIAL ENVELOPE) of the e-tender.**

**(Signature of the tenderer)  
with company seal/rubber stamp**

**UNDERTAKING**

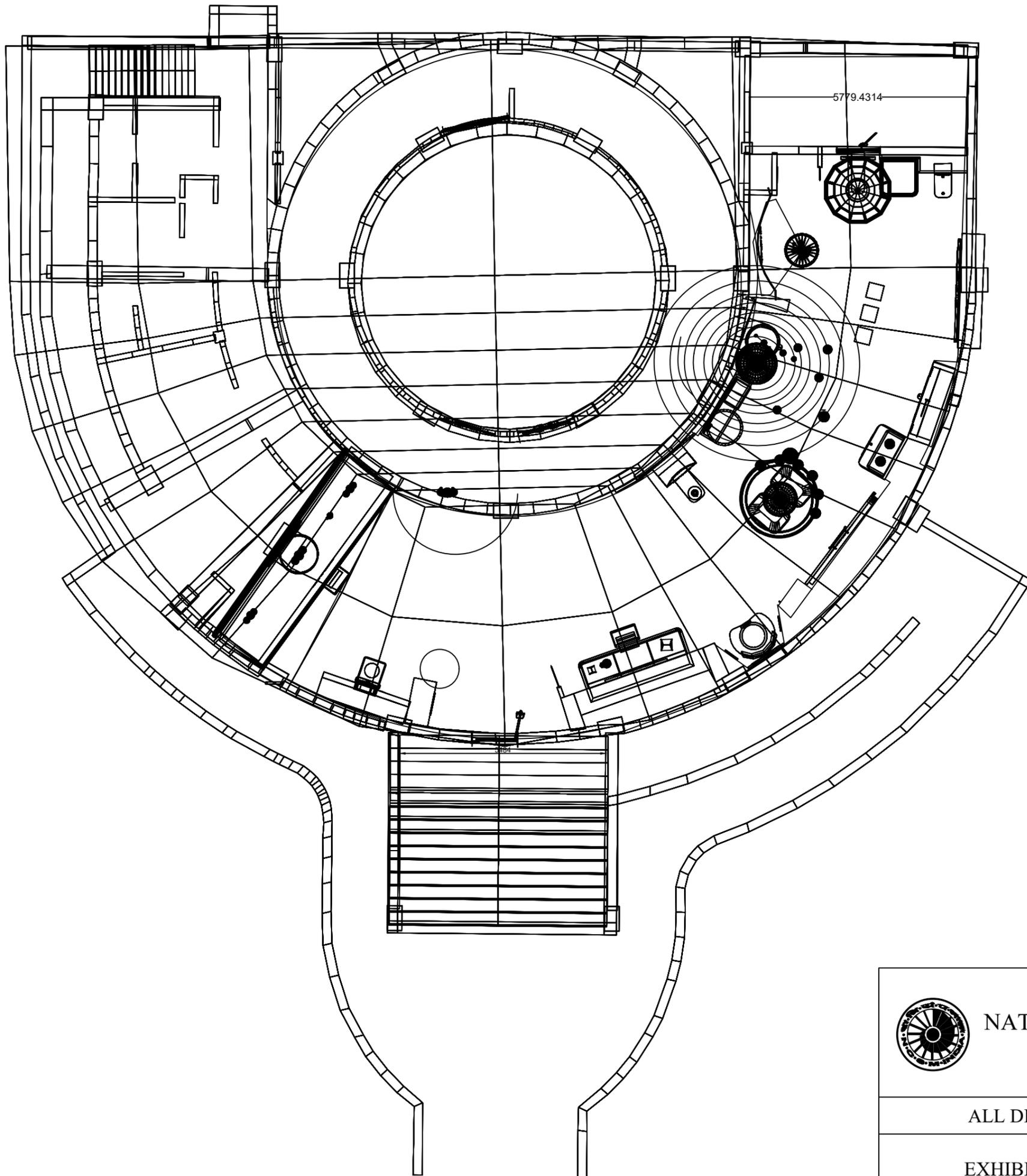
This is to certify that I/ we have carefully gone through the drawings/ specifications, etc. given in the e-tender document & have clearly understood the site working conditions, time schedule given and have accordingly quoted my balanced rates after going through all details.

I/ we hereby give an undertaking that I/ we shall carryout the work strictly as per the given specifications, and shall complete the same within the stipulated time frame.

Signature of the Bidder / Constituted Attorney

**Date:**

**Place:**



NATIONAL SCIENCE CENTRE,  
DELHI

	NAME	DATE
DRAWN BY		20/09/25
CHECKED BY		
APPROVED BY		
SHEET NO.	01 OF 01	
DRAWING NO.	NSCD/SH/AST- A	

ALL DIMENSIONS ARE IN MM.

EXHIBIT LAYOUT

Wall panel made of 12 mm HDHMR Board with 1 mm laminate finish. Frame made up of teakwood (50 x 37 mm) grid @ 600 x 600 mm c/c

Existing Building Pillar

Wall panel made of 12 mm HDHMR Board with 1 mm laminate finish. Frame made up of teakwood (50 x 37 mm) grid @ 600 x 600 mm c/c

*Indicative Image*

Wooden frame made of 12 mm HDHMR Board with 1 mm laminate finish. Frame made up of teakwood.

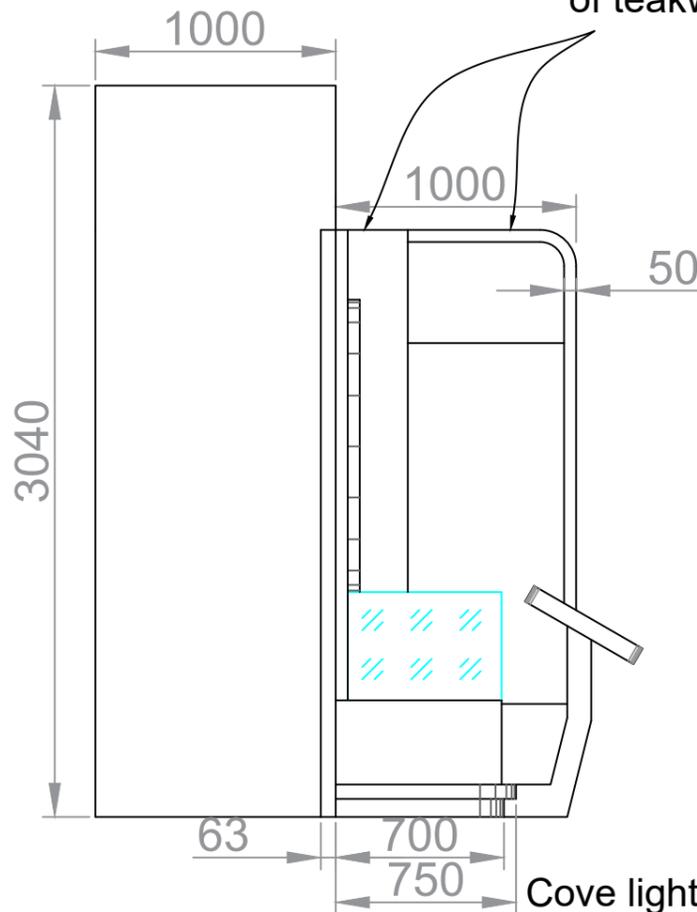
*Top View*

Fiberglass Konark Wheel will be provided by NSCD, is to be installed by the agency, at the the desired place.

Projected Wall panel made of 12 mm HDHMR Board with 1 mm laminate finish. Frame made up of teakwood (50 x 37 mm) grid @ 600 x 600 mm c/c

**NOTES:-**

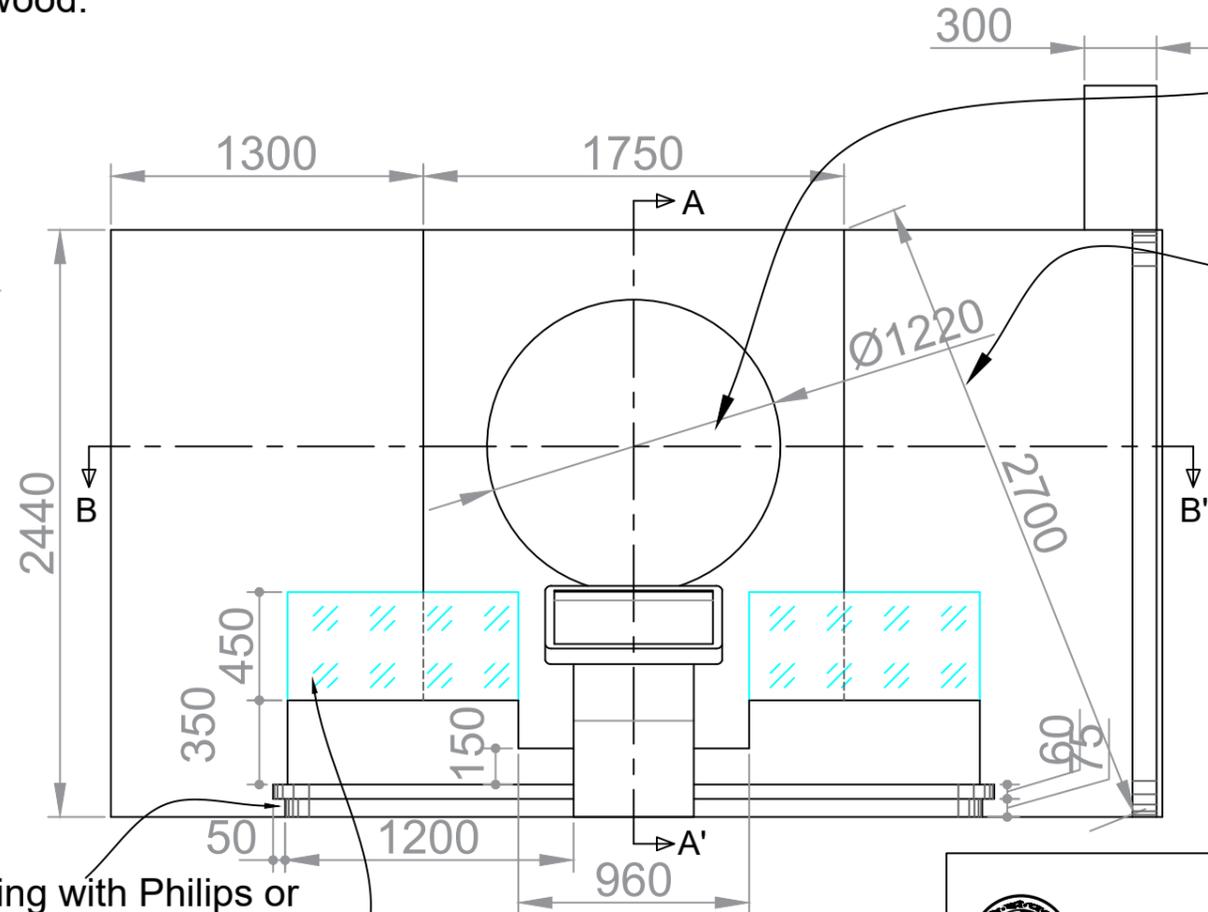
1. For material specs and finishes, please refer to the specification sheet of tender document.
2. Dimensions given here are tentative and may vary as per site condition.
3. All exposed area except floor to be covered with 1mm laminate sheet (of approved make and color).



*L. Side View*

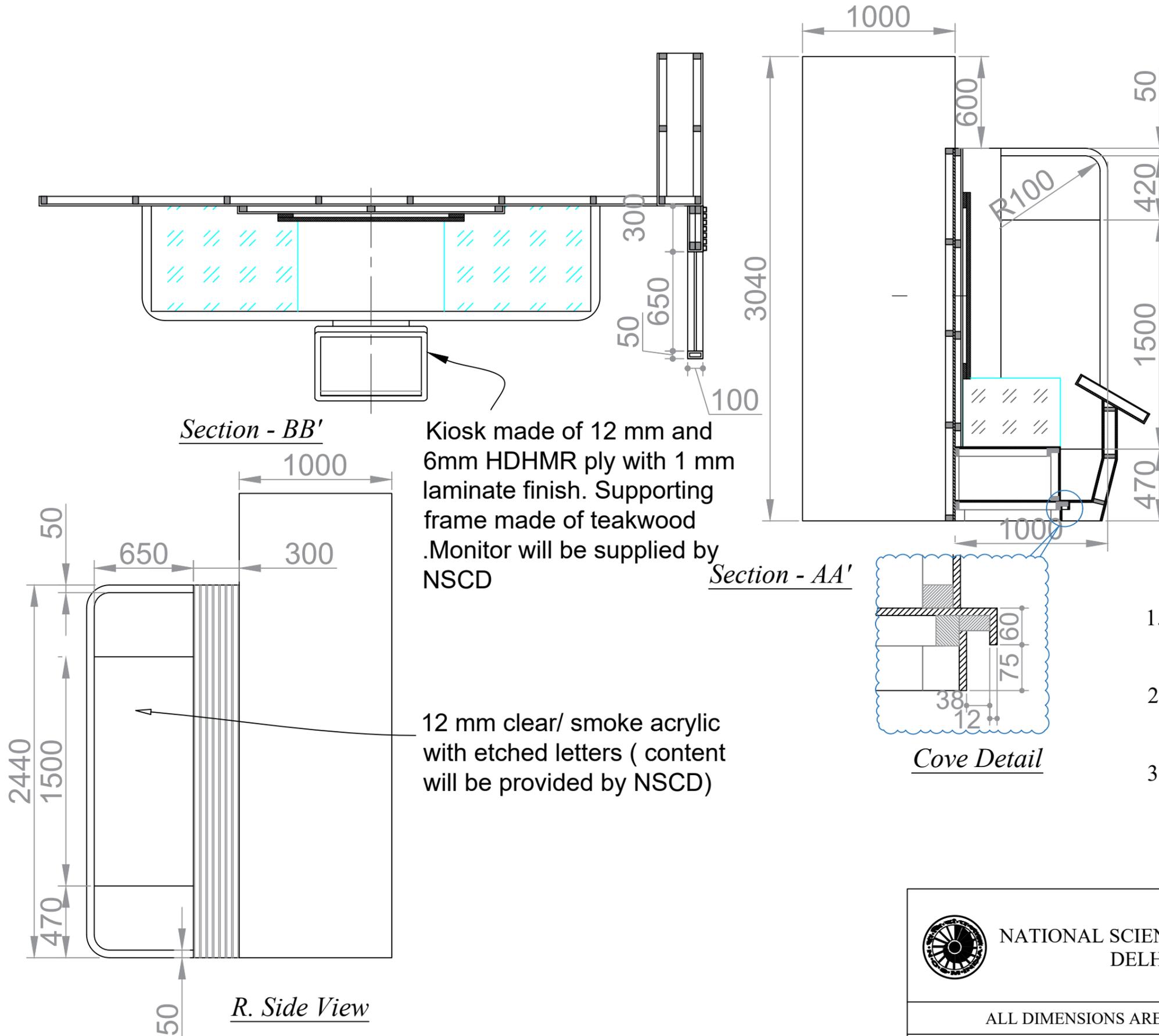
Cove lighting with Philips or equivalent approve LED and power supply.

Boxes are made of 8-12mm clear transparent acrylic.



*Front View*

 NATIONAL SCIENCE CENTRE, DELHI	NAME	DATE
	DRAWN BY	19/09/25
ALL DIMENSIONS ARE IN MM.	CHECKED BY	
CELESTIAL CALCULATORS	APPROVED BY	
	SHEET NO.	01 OF 03
	DRAWING NO.	NSCD/SH/AST- 01



Kiosk made of 12 mm and 6mm HDHMR ply with 1 mm laminate finish. Supporting frame made of teakwood .Monitor will be supplied by NSCD

12 mm clear/ smoke acrylic with etched letters ( content will be provided by NSCD)

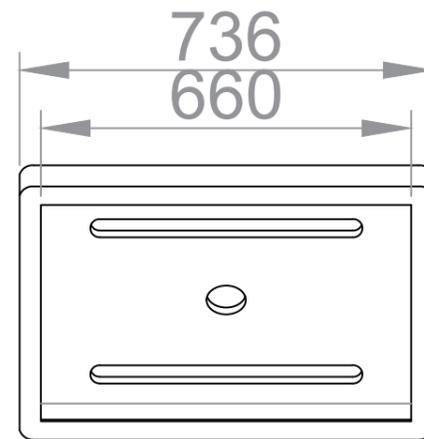
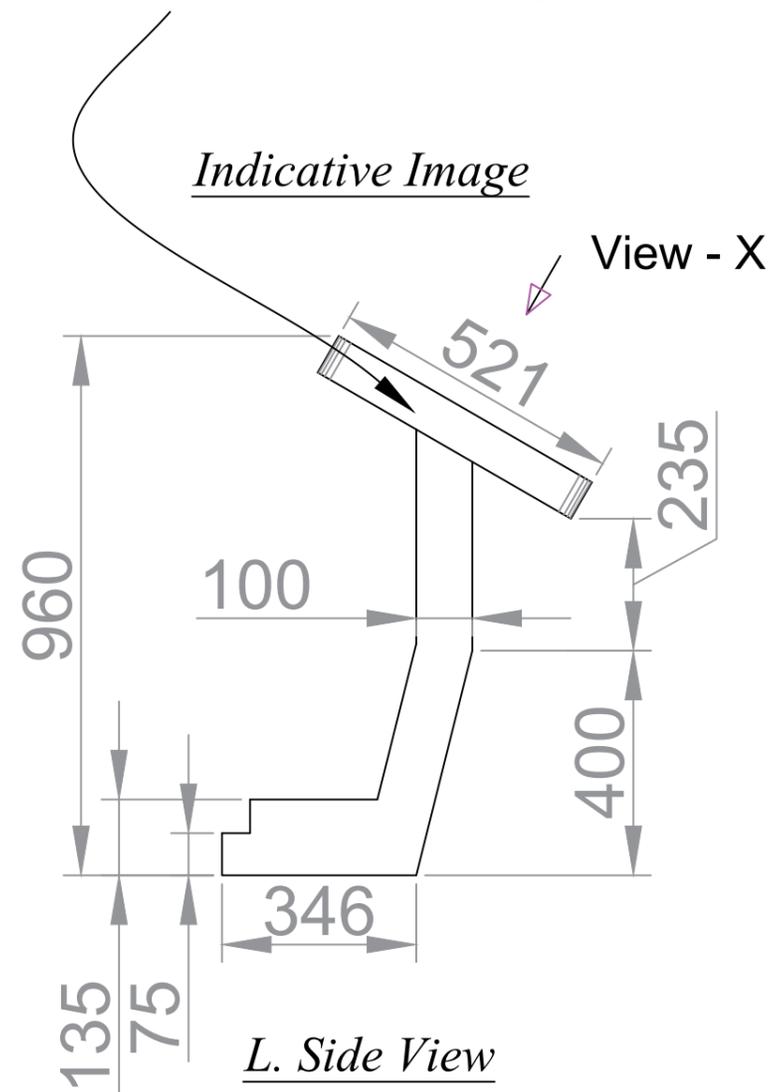
*Indicative Image*

**NOTES:-**

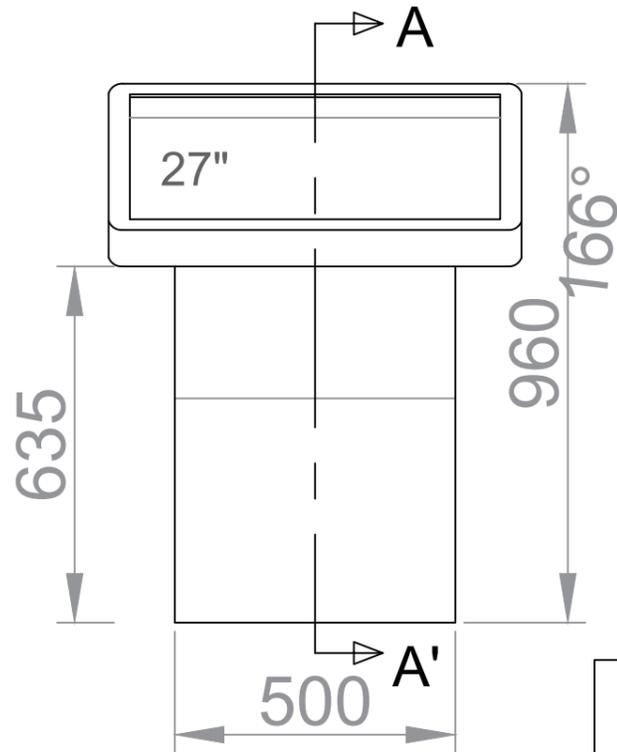
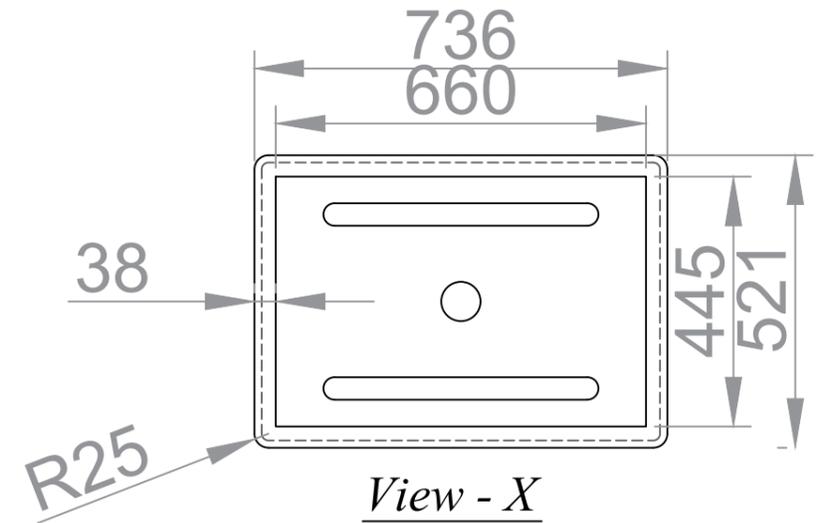
1. For material specs and finishes, please refer to the specification sheet of tender document.
2. Dimensions given here are tentative and may vary as per site condition .
3. All exposed area except floor to be covered with 1mm laminate sheet (of approved make and color) .

 NATIONAL SCIENCE CENTRE, DELHI	NAME	DATE
	DRAWN BY	20/09/25
	CHECKED BY	
ALL DIMENSIONS ARE IN MM.	APPROVED BY	
CELESTIAL CALCULATORS	SHEET NO.	02 OF 03
	DRAWING NO.	NSCD/SH/AST- 01

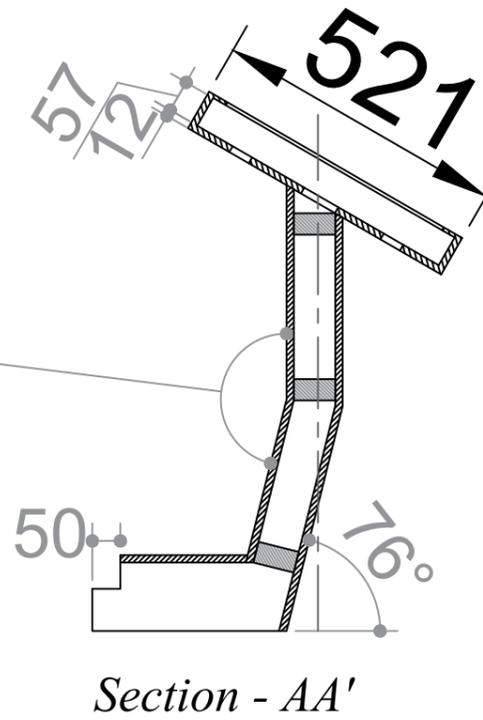
Kiosk sizes are tentative and may change as per the size of the monitor provided by NSCD.



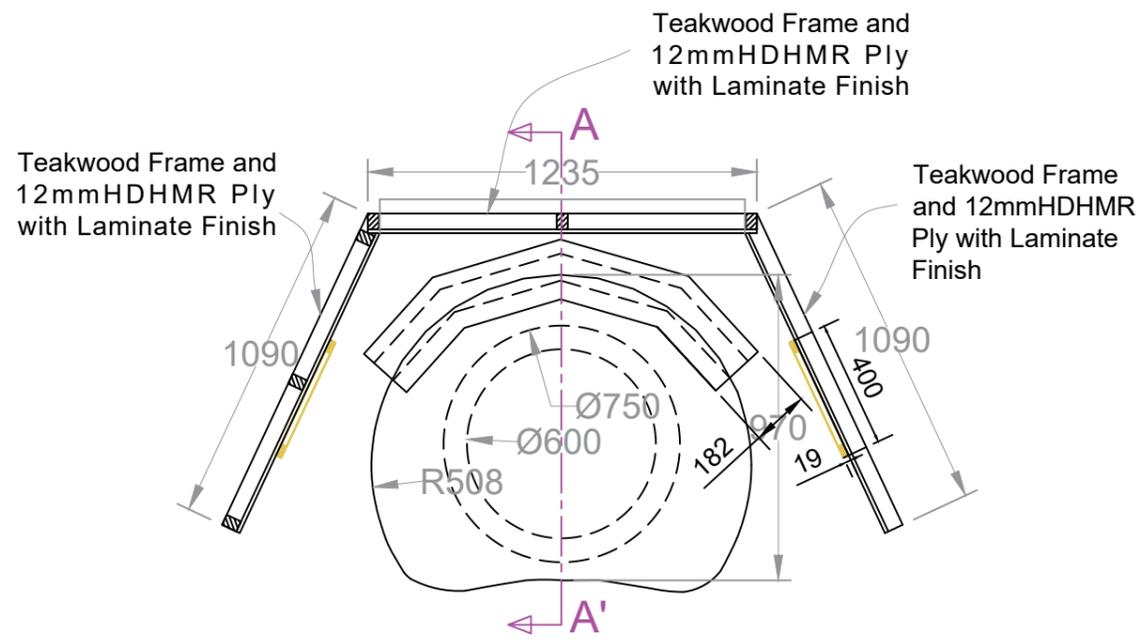
*Top View*



*Front View*



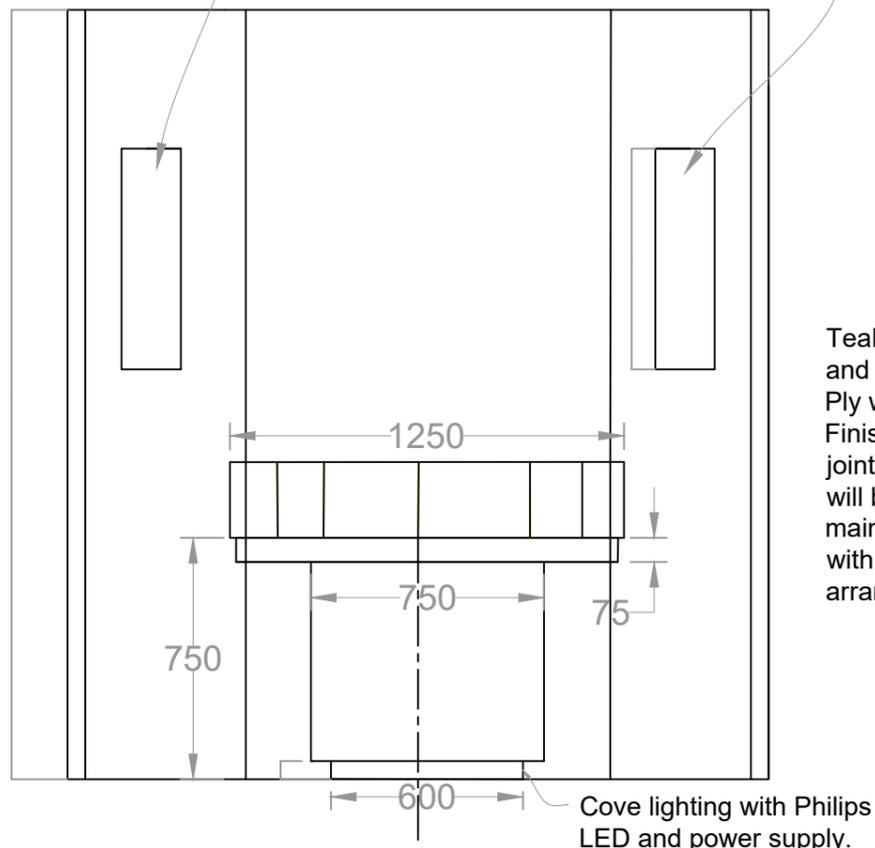
 NATIONAL SCIENCE CENTRE, DELHI	NAME	DATE
	DRAWN BY	20/09/25
ALL DIMENSIONS ARE IN MM.	CHECKED BY	
CELESTIAL CALCULATORS	APPROVED BY	
	SHEET NO.	03 OF 03
	DRAWING NO.	NSCD/SH/AST- 01



**Top View**

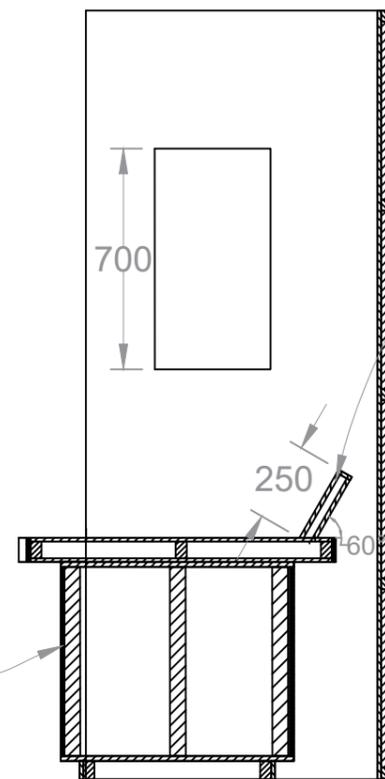
19mm HDHMR Ply with laminate Edges should be finish with Teak beading and paint finish.

19mm HDHMR Ply with laminate Edges should be finish with Teak beading and paint finish.



**Front View**

Teakwood Frame and 2Nos 4mm Ply with Laminate Finish with three joints. One part will be made as maintenance door with locking arrangement.



**Section - AA'**



**Indicative Image**

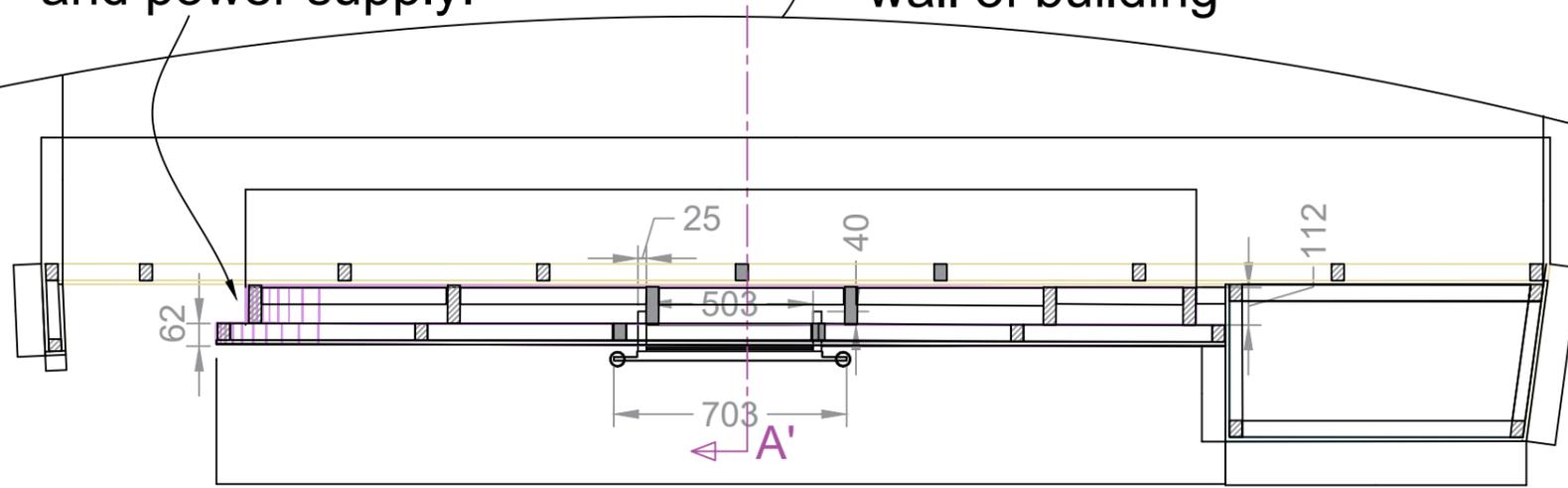
**NOTES:-**

1. For material specs and finishes, please refer to the specification sheet of tender document.
2. Dimensions given here are tentative and may vary as per site condition.
3. All exposed area except floor to be covered with 1mm laminate sheet (of approved make and color).

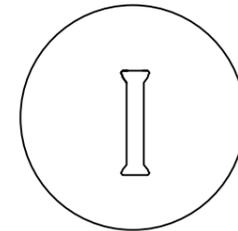
 NATIONAL SCIENCE CENTRE, DELHI		NAME	DATE
	DRAWN BY		22/09/25
	CHECKED BY		
ALL DIMENSIONS ARE IN MM.	APPROVED BY		
MEN WHO DECODE THE HEAVENS	SHEET NO.	01 OF 01	
	DRAWING NO.	NSCD/SH/AST- 02	

Cove lighting with Philips or equivalent approved LED and power supply.

Existing curve wall of building



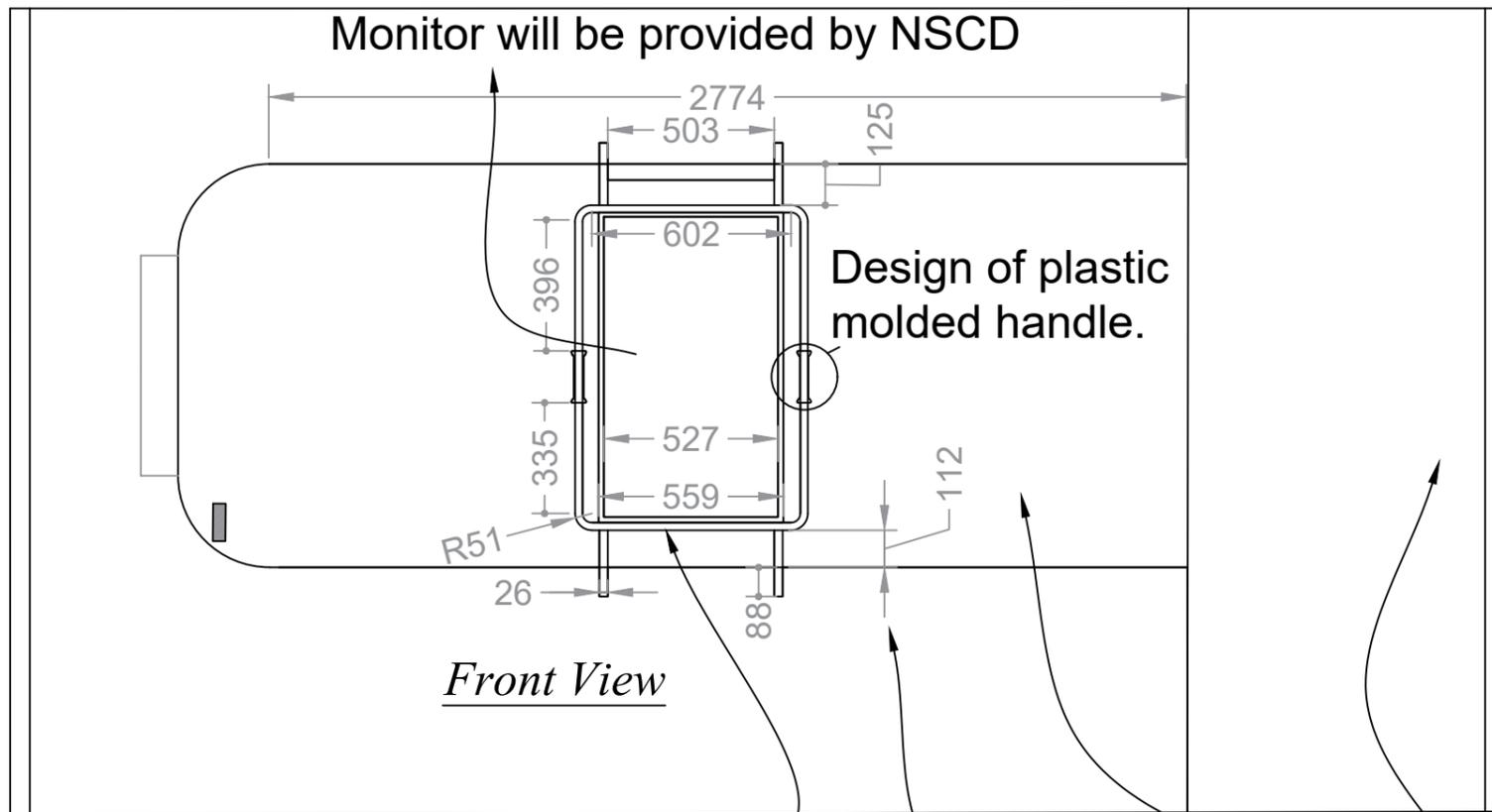
*Top View*



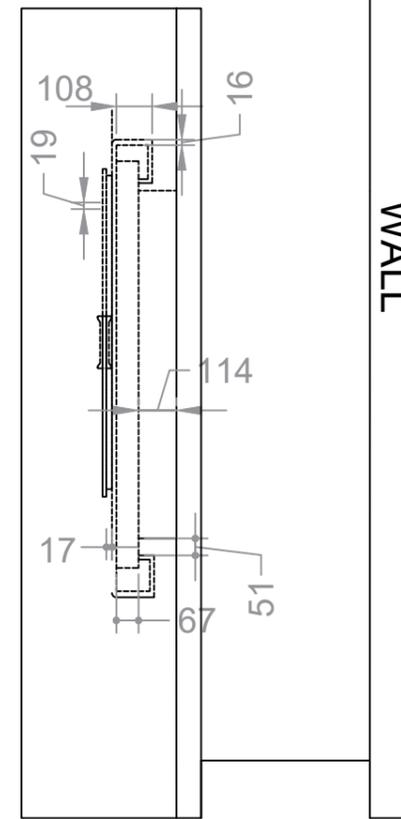
Handle size details.



*Indicative Image*



*Front View*



*R. Side View*

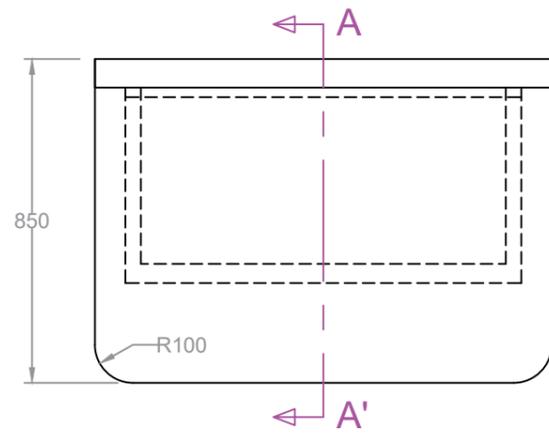
**NOTES:-**

1. For material specs and finishes, please refer to the specification sheet of tender document.
2. Dimensions given here are tentative and may vary as per site condition.
3. All exposed area except floor to be covered with 1mm laminate sheet (of approved make and color).

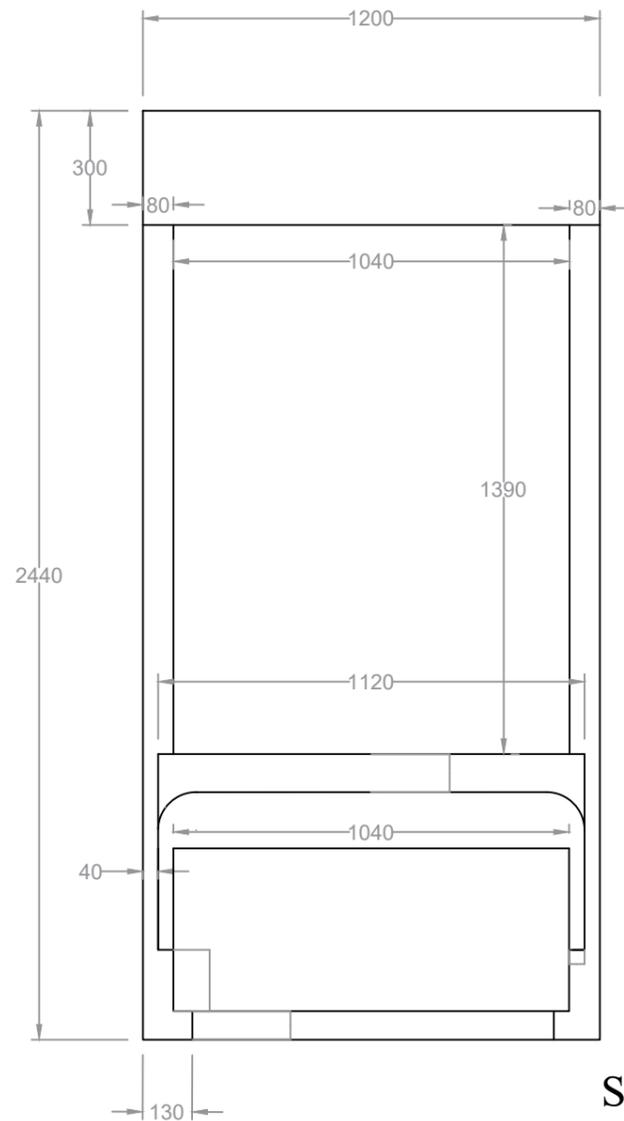
TV to be fixed on 20-25mm thick MS Pipe 2 -2.5mm finished with desired shade powder coating with rollers for moving the frame left and right side and thick. 12mm clear transparent acrylic base

Projected Wall panel made of 12 mm HDHMR Board with 1 mm laminate finish. Frame made up of teakwood (50 x 37 mm) grid @ 600 x 600 mm c / c

 NATIONAL SCIENCE CENTRE, DELHI	NAME	DATE
	DRAWN BY	21/09/25
ALL DIMENSIONS ARE IN MM.	CHECKED BY	
	APPROVED BY	
EVOLUTION OF UNIVERSE	SHEET NO.	01 OF 01
	DRAWING NO.	NSCD/SH/AST-03

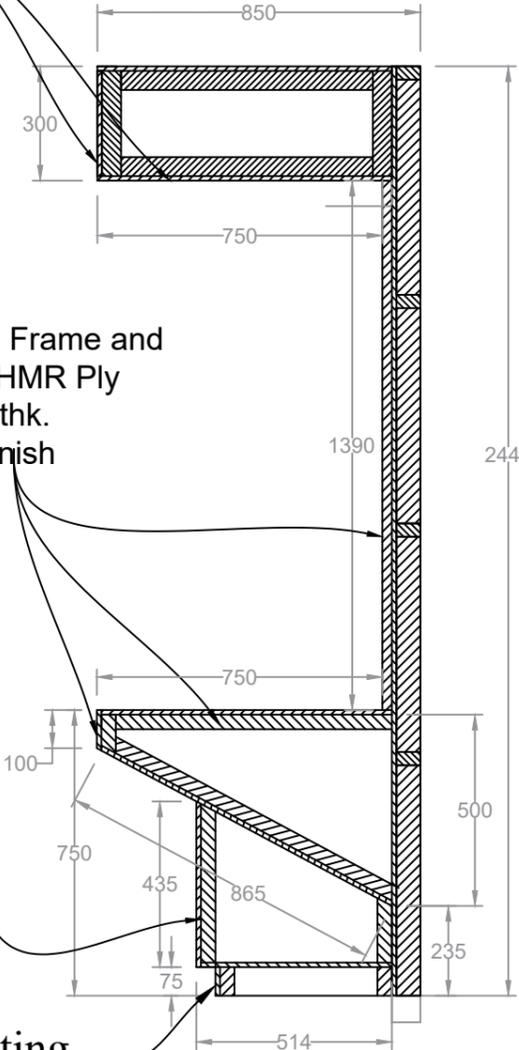


Top View



Front View

Teakwood Frame and 12mm HDHMR Ply with 1mm Laminate Finish



Section View - AA'

Teakwood Frame and 12mm HDHMR Ply with 1mm thk. laminate finish

Teakwood Frame and 12mm HDHMR Ply with 1mm Laminate Finish

Space for cove lighting.  
LED lighting is to be done by the agency



Indicative Image

**NOTES:-**

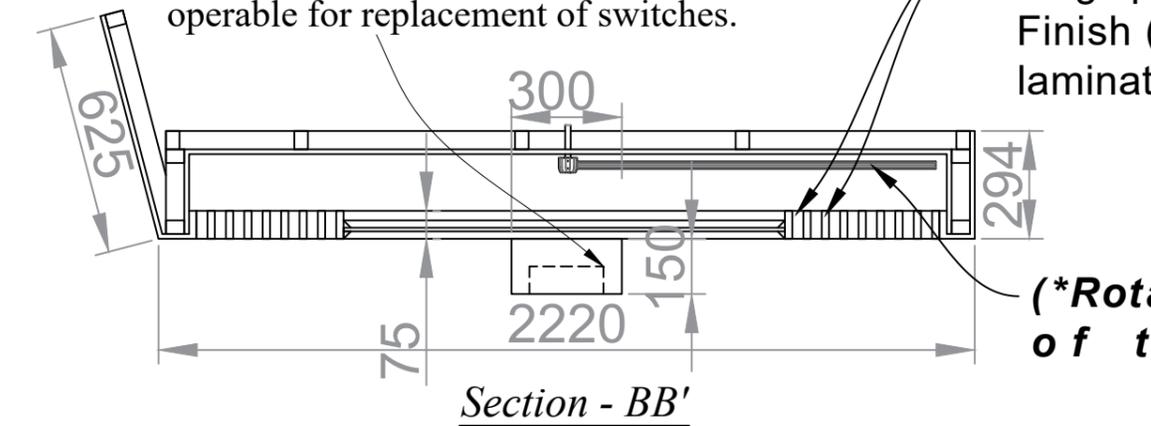
1. For material specs and finishes, please refer to the specification sheet of tender document.
2. Dimensions given here are tentative and may vary as per site condition.
3. All exposed area except floor to be covered with 1mm laminate sheet (of approved make and color).

 NATIONAL SCIENCE CENTRE, DELHI	NAME	DATE
	DRAWN BY	21/09/25
ALL DIMENSIONS ARE IN MM.	CHECKED BY	
MAPPING THE UNIVERSE	APPROVED BY	
	SHEET NO.	01 OF 01
	DRAWING NO.	NSCD/SH/AST- 04

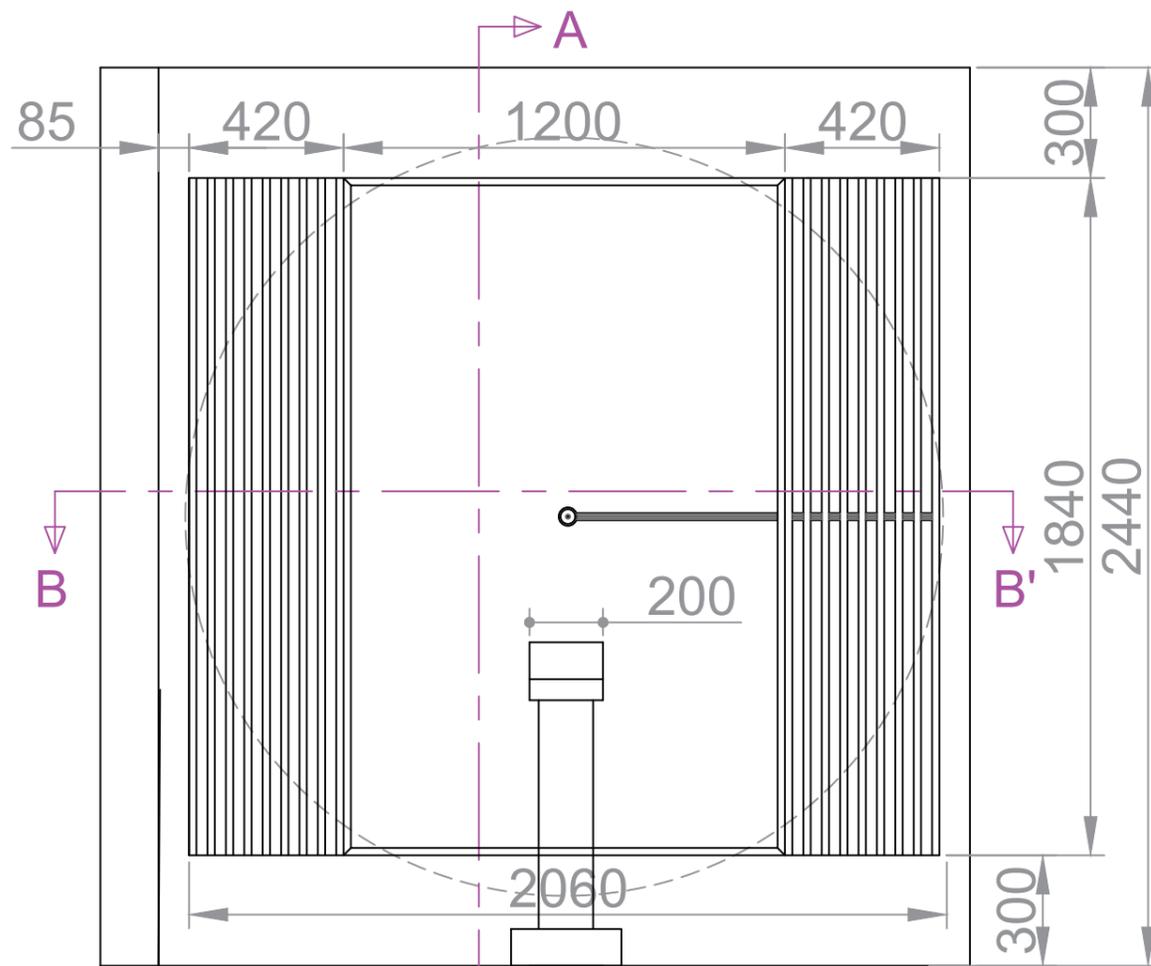
Switch box made of 6mm & 12mm HDHMR Ply, teakwood, and 1mm laminate finish of desired shade. Bottom side should be made operable for replacement of switches.

20 X 76mm HDHMR Strips in gap of @50 mm C/C, Finish (all faces) with 1 mm laminate of approved colour

(\*Rotating rod is not part of this tender)



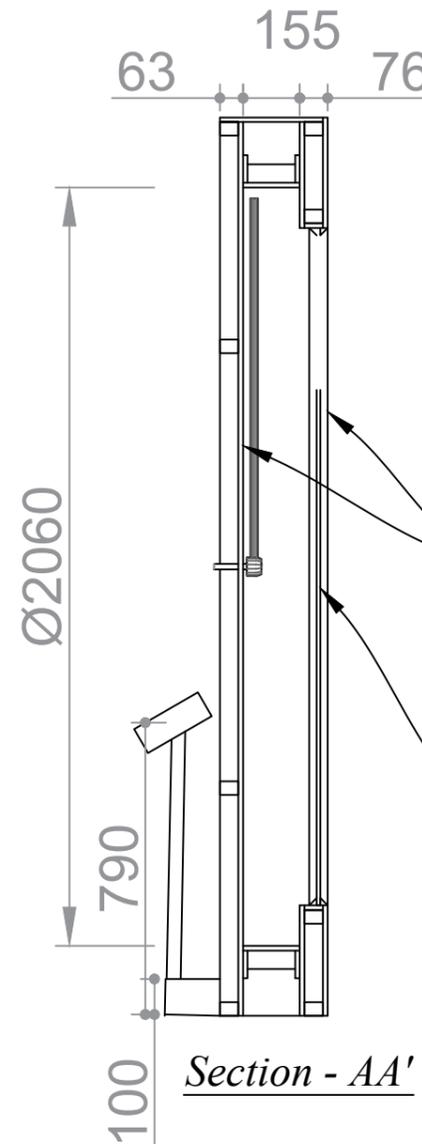
Section - BB'



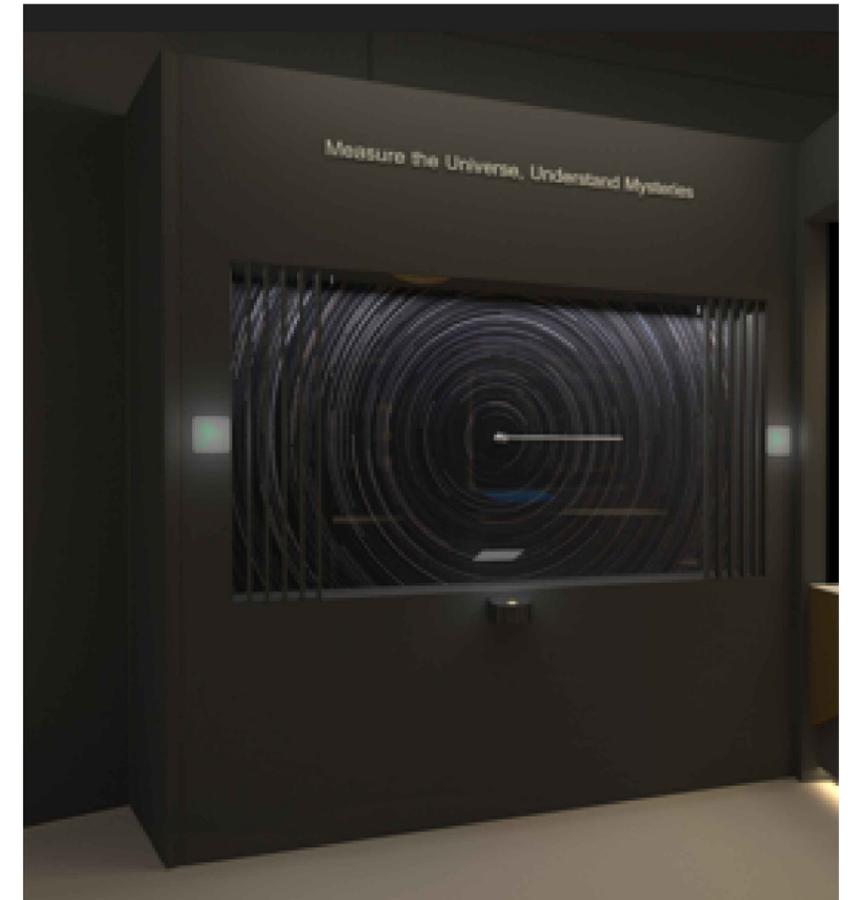
Front View

**NOTES:-**

1. For material specs and finishes, please refer to the specification sheet of tender document.
2. Dimensions given here are tentative and may vary as per site condition.
3. All exposed area except floor to be covered with 1mm laminate sheet (of approved make and color).



Section - AA'

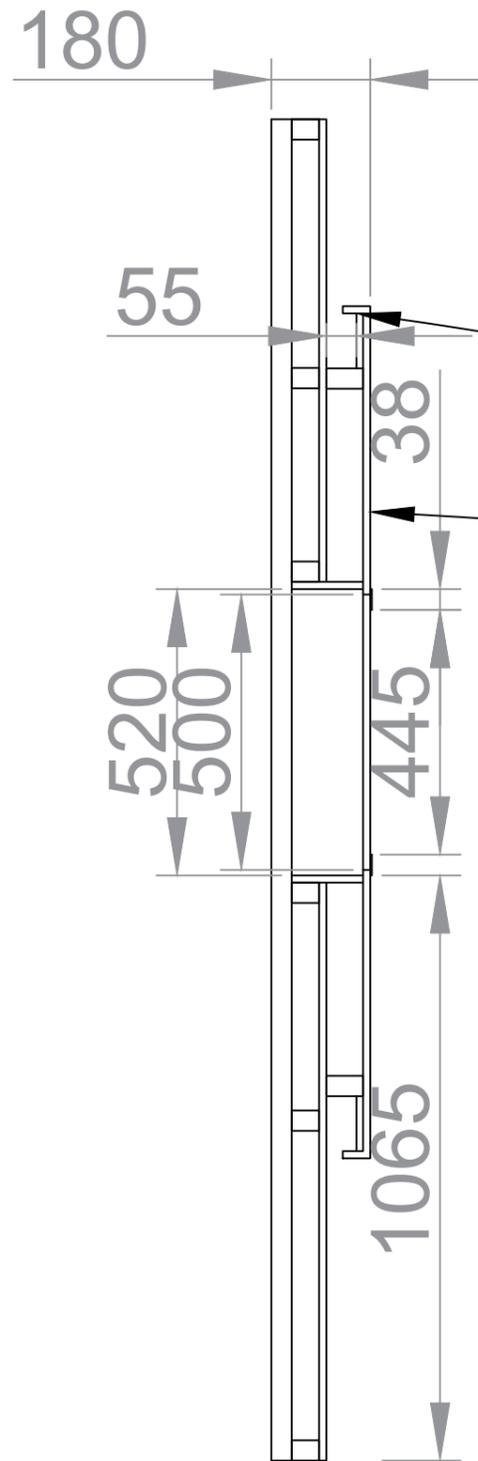


Indicative Image

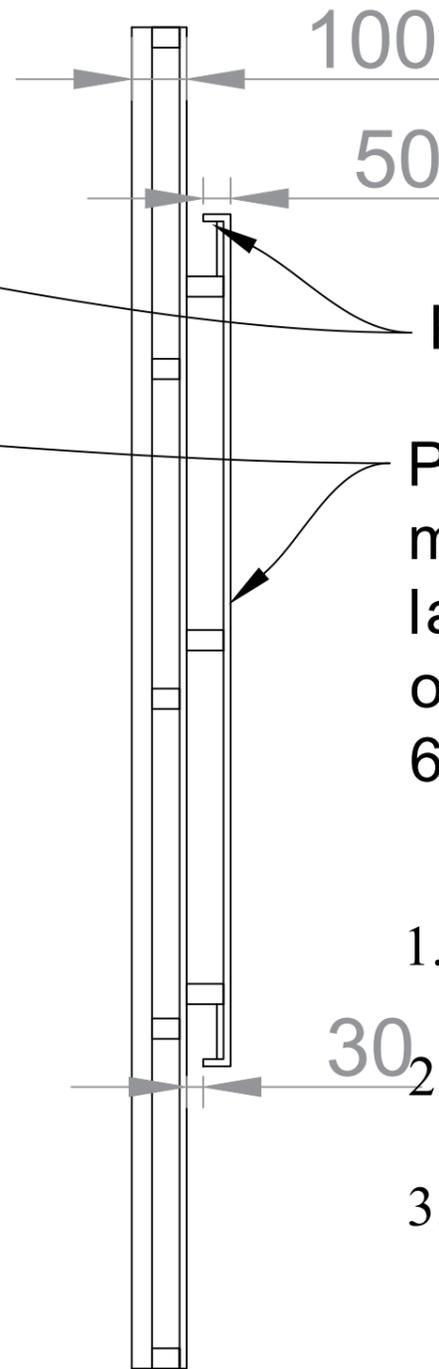
Straight Wall panel made of 12 mm HDHMR Board with teakwood (50 x 37 mm) frame grid @ 600 x 600 mm c/c, Finish with 1 mm laminate of approved colour.

8 mm Toughened Glass fix with 20 mm teakwood beading finish with matching paint

 NATIONAL SCIENCE CENTRE, DELHI	NAME	DATE
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MEASURE THE UNIVERSE, UNDERSTAND MYSTERIES	SHEET NO.	01 OF 01
	DRAWING NO.	NSCD/SH/AST- 05



*Section - AA'*



*Section - CC'*

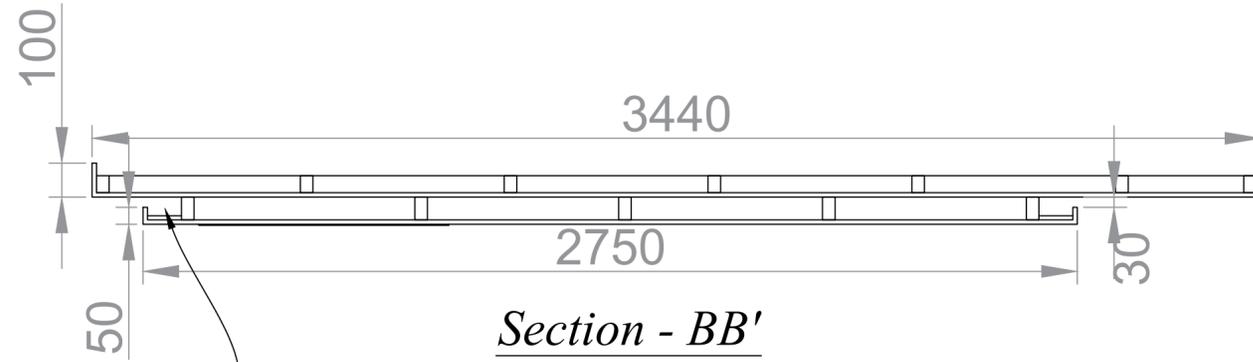
Provision of Cove Lighting

Projected Wall panel made of 12 mm HDHMR Board with 1 mm laminate finish. Frame made up of teakwood (50 x 37 mm) grid @ 600 x 600 mm c / c

**NOTES:-**

1. For material specs and finishes, please refer to the specification sheet of tender document.
2. Dimensions given here are tentative and may vary as per site condition.
3. All exposed area except floor to be covered with 1mm laminate sheet (of approved make and color).

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ALL DIMENSIONS ARE IN MM.	APPROVED BY		
THE CELESTIAL FIRE BALLS - BIRTH & DEATH	SHEET NO.	02 OF 02	
	DRAWING NO.	NSCD/SH/AST- 06	



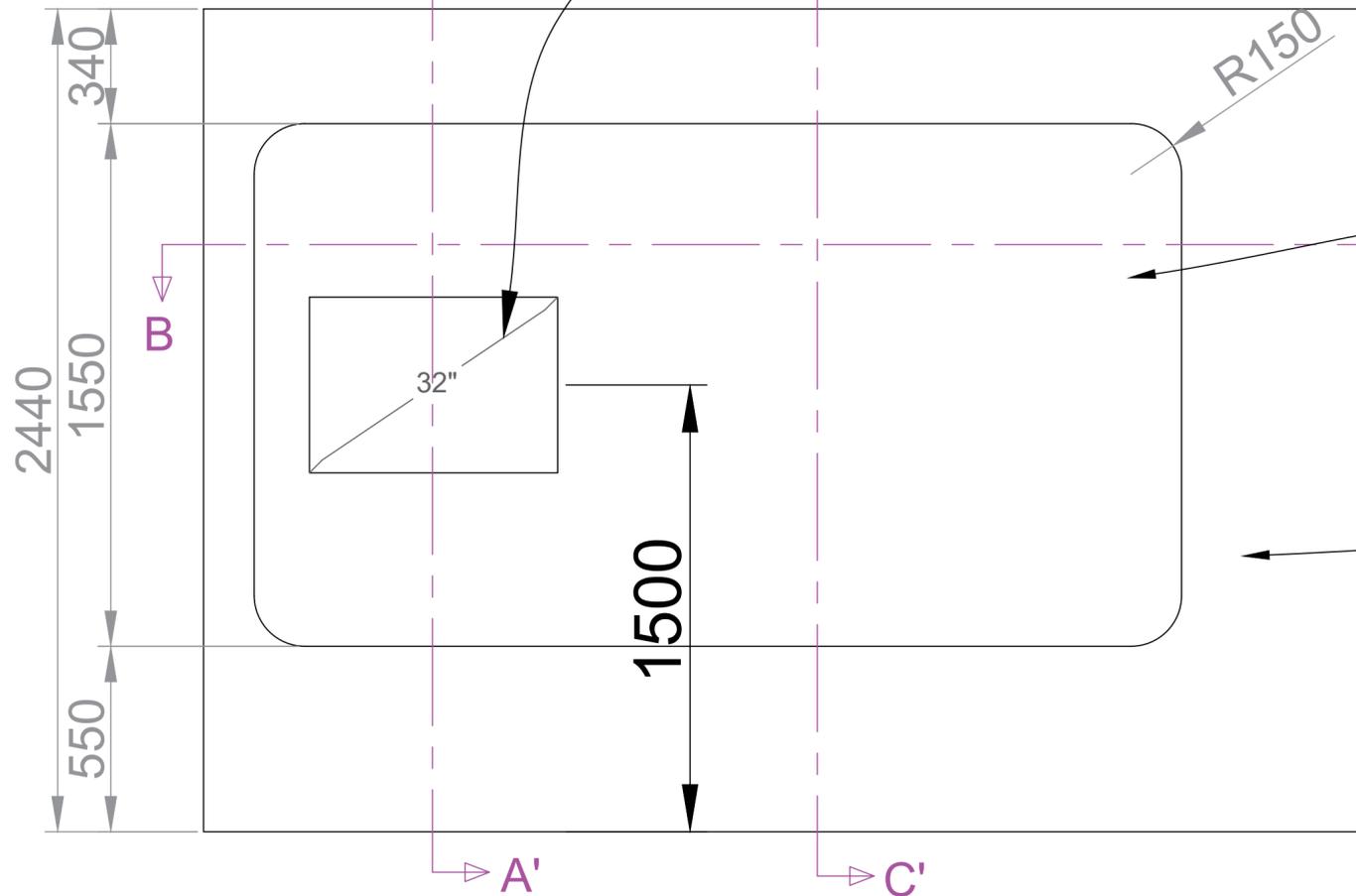
*Section - BB'*



*Indicative Image*

Space for cove lighting.  
Philips or equivalent LED  
lighting with power supply is  
to be done by the agency

32" Display provided by NSCD, is  
to be installed by agency . Display  
size is tentative, please confirm  
before cutting structure and  
installation.

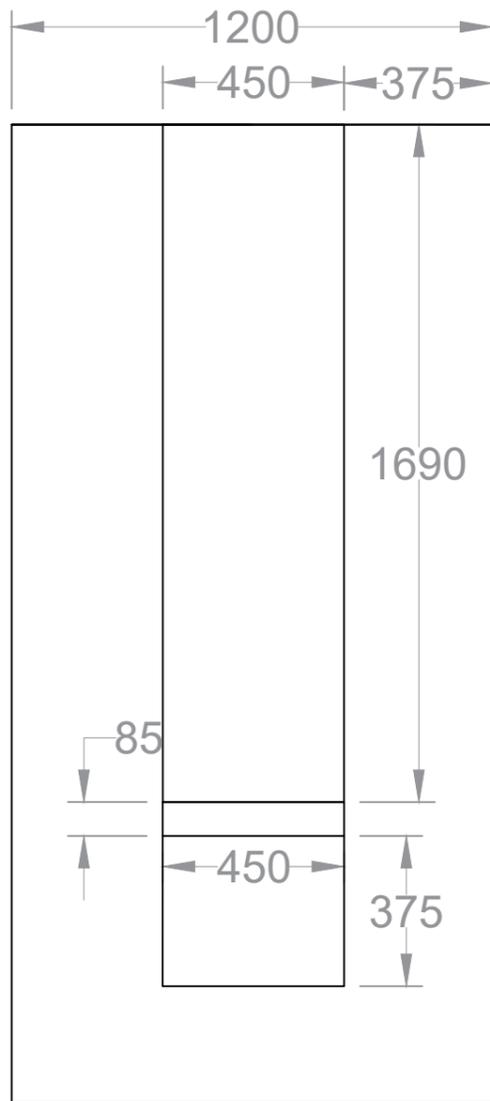
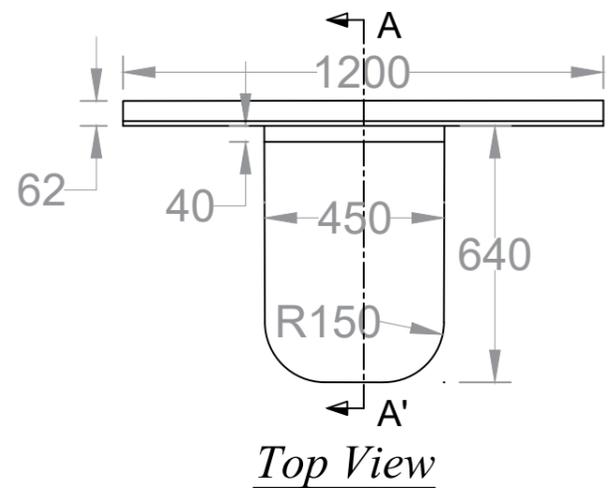


*Front View*

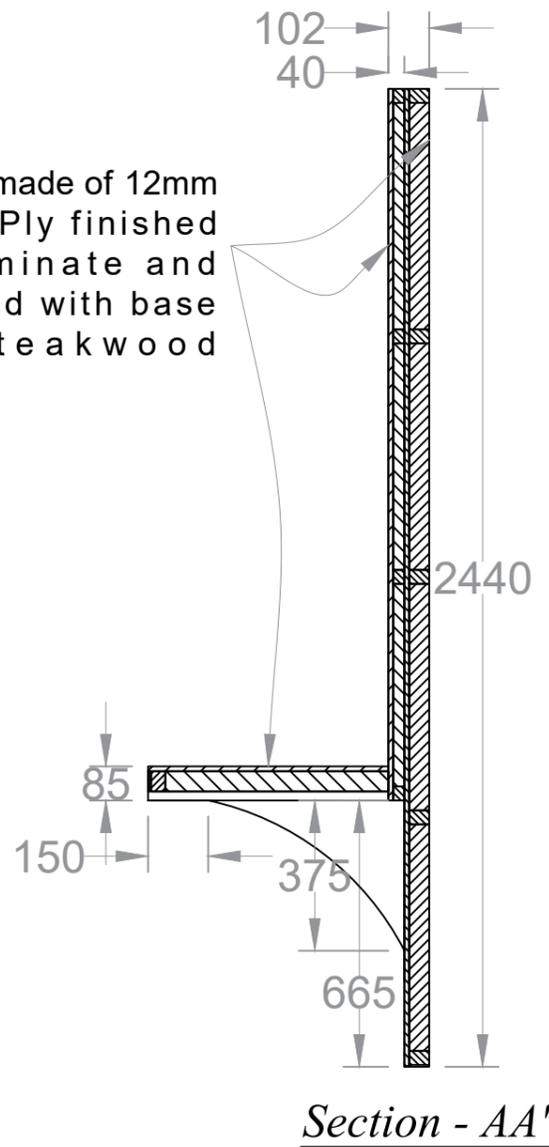
Projected Wall panel made of 12 mm HDHMR Board with 1 mm laminate finish. Frame made up of teakwood (50 x 37 mm) grid @ 600 x 600 mm c/c

Straight Wall panel made of 12 mm HDHMR Board with teakwood (50 x 37 mm) frame grid @ 600 x 600 mm c/c, Finish with 1 mm laminate of approved colour.

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	DRAWN BY	20/09/25
ALL DIMENSIONS ARE IN MM.	CHECKED BY	
	APPROVED BY	
THE CELESTIAL FIRE BALLS - BIRTH & DEATH	SHEET NO.	01 OF 02
	DRAWING NO.	NSCD/SH/AST- 06



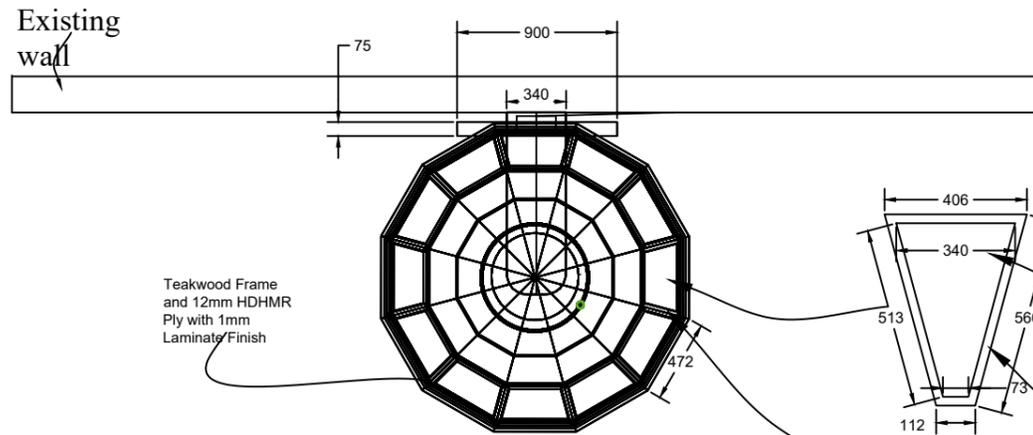
Structure made of 12mm HDHMR Ply finished with laminate and supported with base using teakwood



**NOTES:-**

1. For material specs and finishes, please refer to the specification sheet of tender document.
2. Dimensions given here are tentative and may vary as per site condition.
3. All exposed area except floor to be covered with 1mm laminate sheet (of approved make and color).

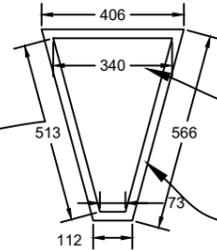
 <b>NATIONAL SCIENCE CENTRE, DELHI</b>		NAME	DATE
	DRAWN BY		20/09/25
	CHECKED BY		
ALL DIMENSIONS ARE IN MM.	APPROVED BY		
GRAVITATIONAL LENSING	SHEET NO.	01 OF 01	
	DRAWING NO.	NSCD/SH/AST- 07	



Teakwood Frame and 12mm HDHMR Ply with 1mm Laminate Finish

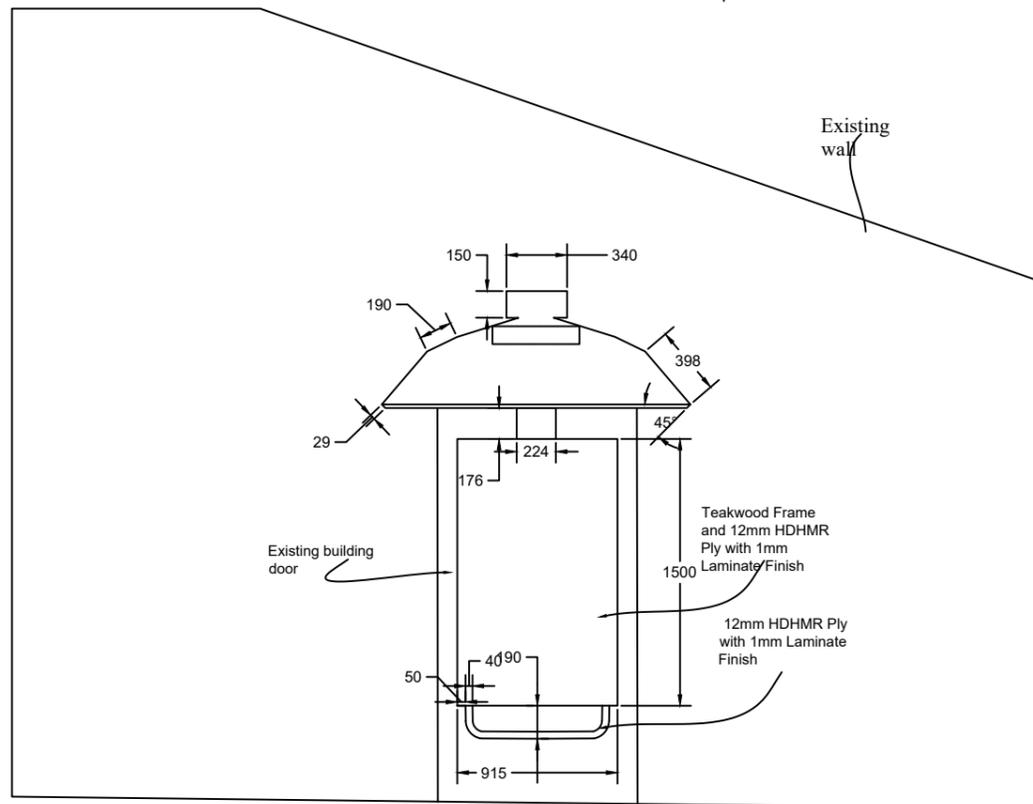
*Top View*

Translight holders made of 12mm HDHMR ply and 1mm laminate. It should have hinges at wide side and magnet catcher at other side (smaller side). Fabrication should be such that replacement of LED light and translight can easily be replaced.



Frame should be without joint i.e single ply. Sizes are tentative. Actual sizes will depend on final size of umbrella like structure.

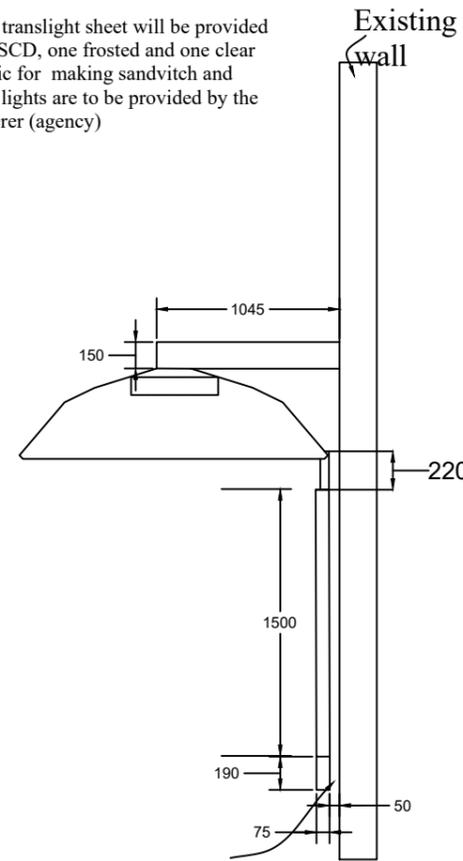
Only translight sheet will be provided by NSCD, one frosted and one clear acrylic for making sandwich and LED lights are to be provided by the tenderer (agency)



*Front View*

Teakwood Frame and 12mm HDHMR Ply with 1mm Laminate Finish

12mm HDHMR Ply with 1mm Laminate Finish



*R.Side View*

Space for cove lighting. Philips LED lighting with power supply is to be done by the agency

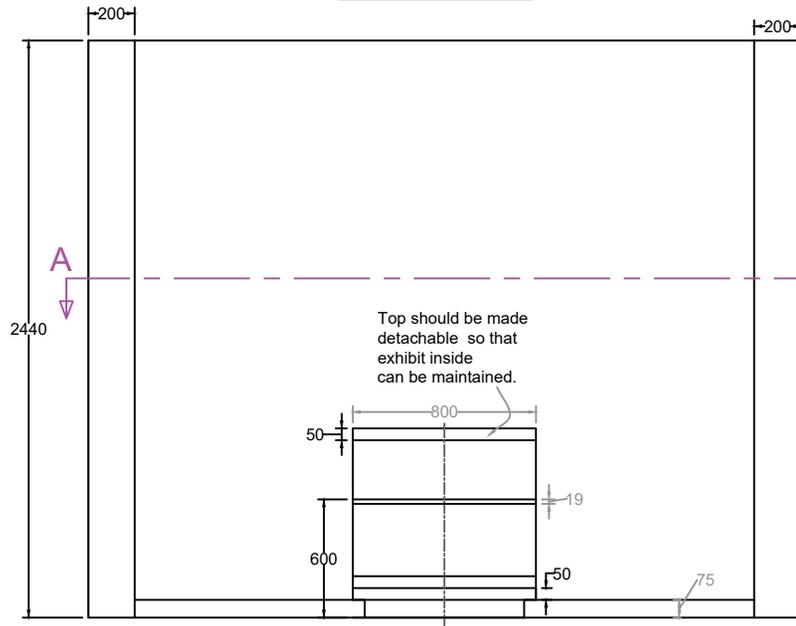
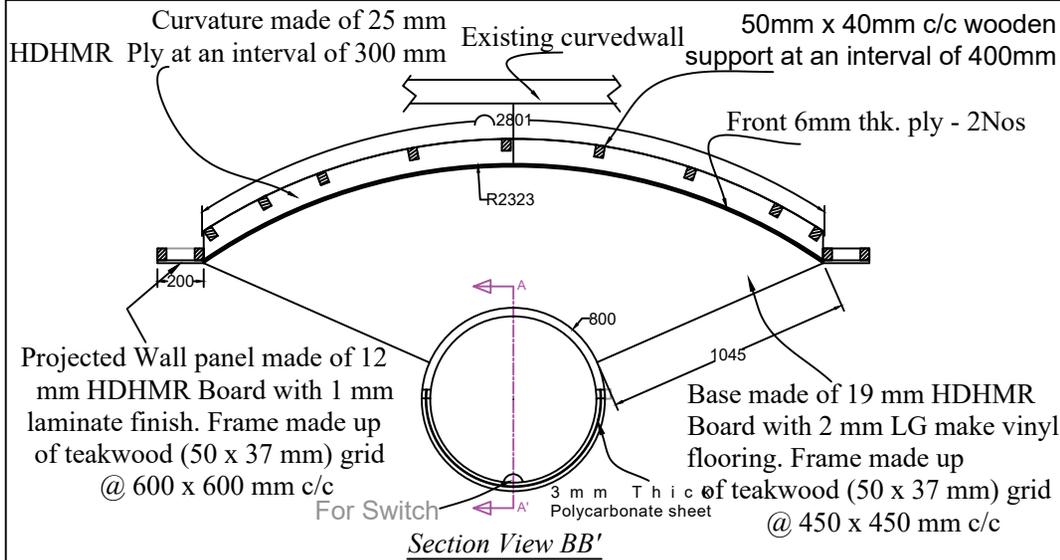


*Indicative Image*

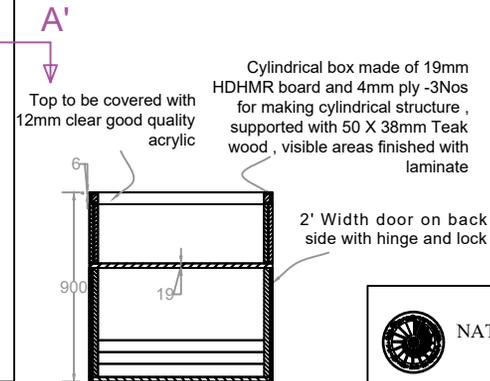
**NOTES:-**

1. For material specs and finishes, please refer to the specification sheet of tender document.
2. Dimensions given here are tentative and may vary as per site condition.
3. All exposed area except floor to be covered with 1mm laminate sheet (of approved make and color).

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	DRAWING NO.	NSCD/SH/AST- 08	



Front View

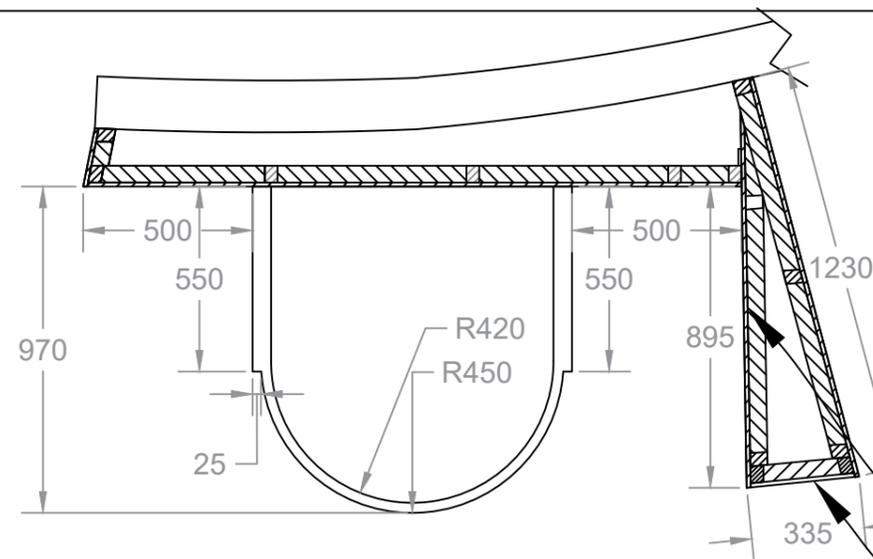


Section View AA'

**NOTES:-**

1. For material specs and finishes, please refer to the specification sheet of tender document.
2. Dimensions given here are tentative and may vary as per site condition.
3. All exposed area except floor to be covered with 1mm laminate sheet (of approved make and color).

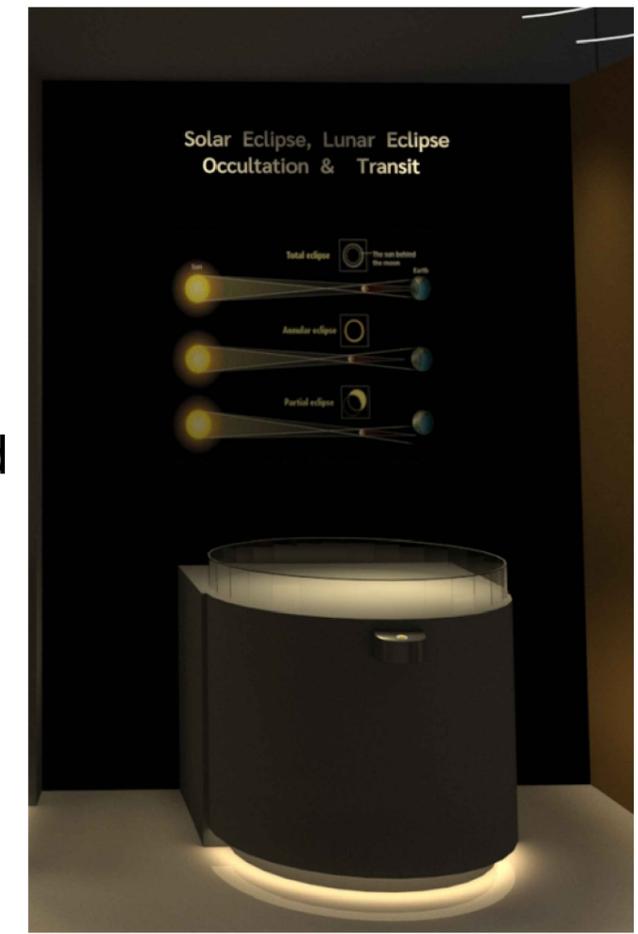
 NATIONAL SCIENCE CENTRE, DELHI	NAME	DATE
	DRAWN BY	21/09/25
ALL DIMENSIONS ARE IN MM.  THE BACKWARD STEP OF PLANET	CHECKED BY	
	APPROVED BY	
	SHEET NO.	02 OF 02
	DRAWING NO.	NSCD/SH/AST- 09



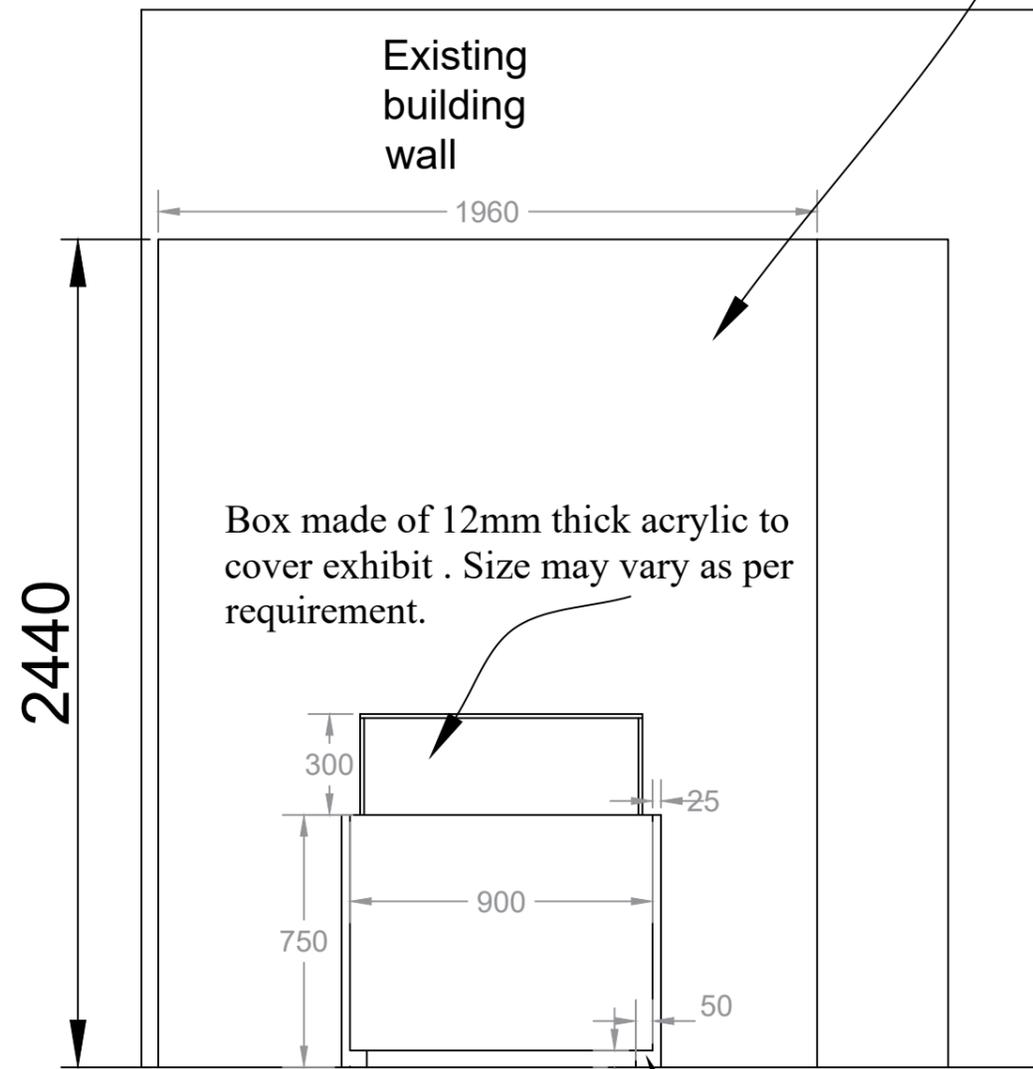
*Top View*

Projected Wall panel made of 12 mm HDHMR Board with 1 mm laminate finish. Frame made up of teakwood (50 x 37 mm) grid @ 600 x 600 mm c/c

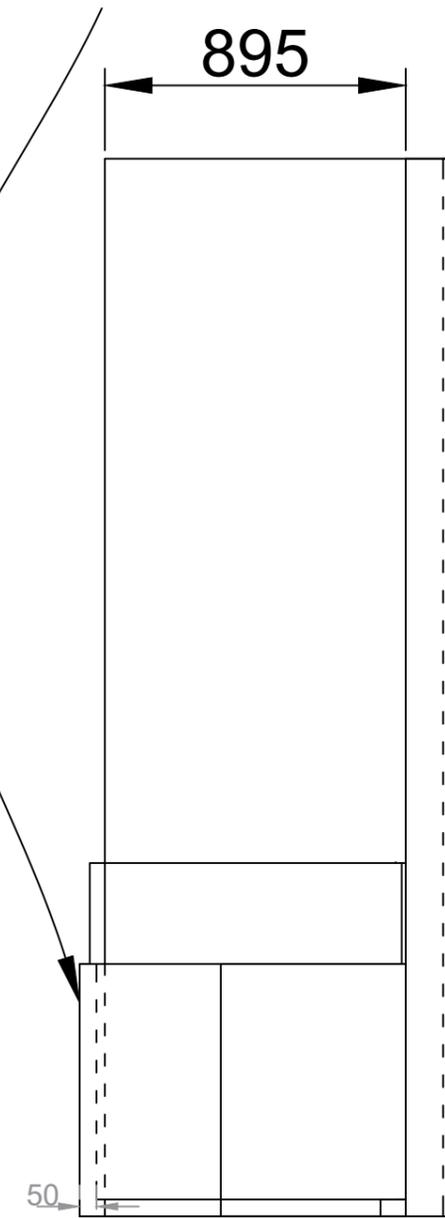
Box made of 12 mm and two 4mm HDHMR ply and teak wood frame with 1 mm laminate finish.



*Indicative Image*



*Front View*



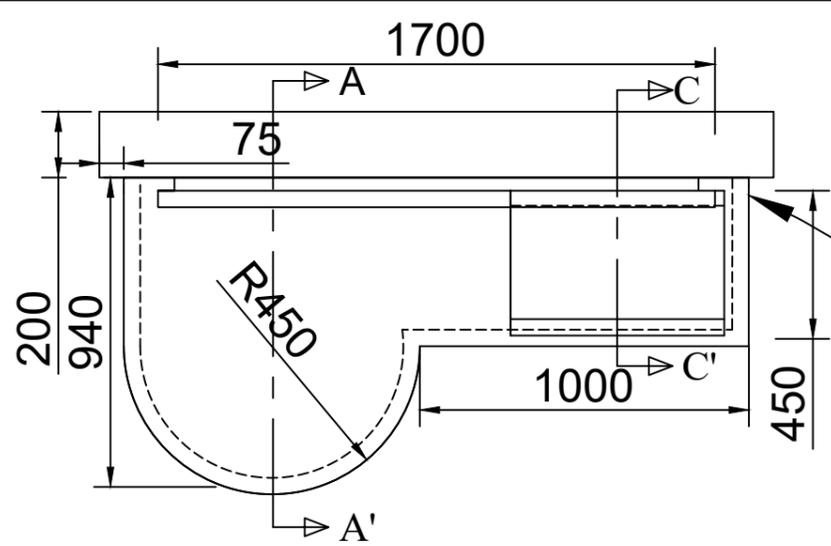
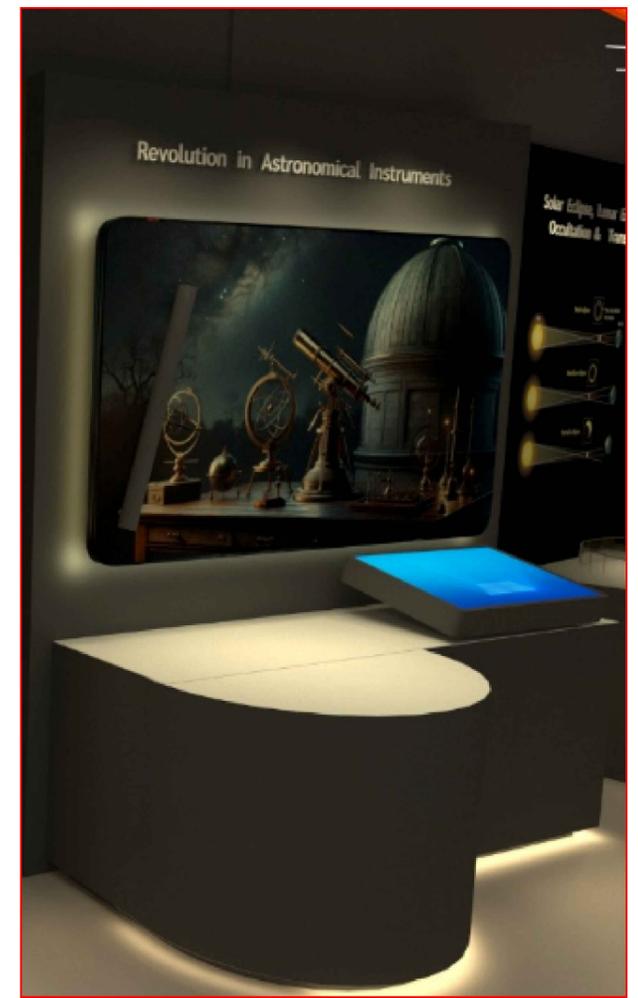
*L. Side View*

Box made of 12mm thick acrylic to cover exhibit . Size may vary as per requirement.

Space for cove lighting. LED lighting with power supply is to be done by the agency

- NOTES:-**
1. For material specs and finishes, please refer to the specification sheet of tender document.
  2. Dimensions given here are tentative and may vary as per site condition.
  3. All exposed area except floor to be covered with 1mm laminate sheet (of approved make and color).

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	SHEET NO.	01 OF 01
	DRAWING NO.	NSCD/SH/AST- 10

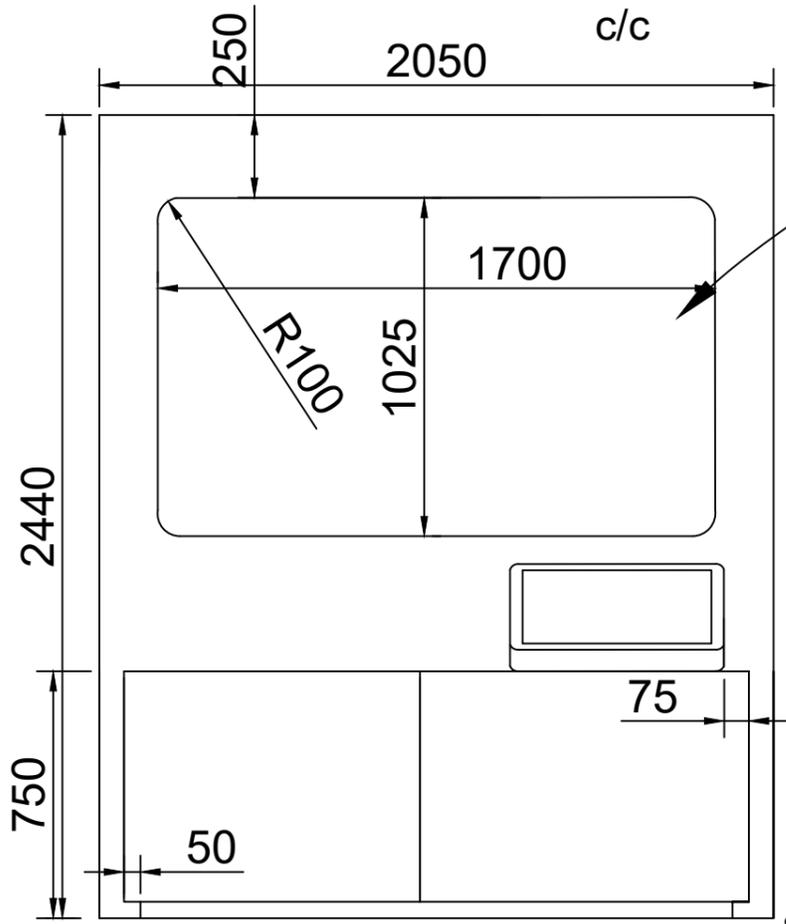


TOP VIEW

400 X 600 Maintenance door made of 12 mm HDHMR Board with 1 mm laminate finish. Frame made up of teakwood.

Partition wall panel made of 12 mm HDHMR Board with 1 mm laminate finish. Frame made up of teakwood (50 x 37 mm) grid @ 600 x 600 mm c/c

Projected Wall panel made of 12 mm HDHMR Board with 1 mm laminate finish. Frame made up of teakwood (50 x 37 mm) grid @ 600 x 600 mm c/c

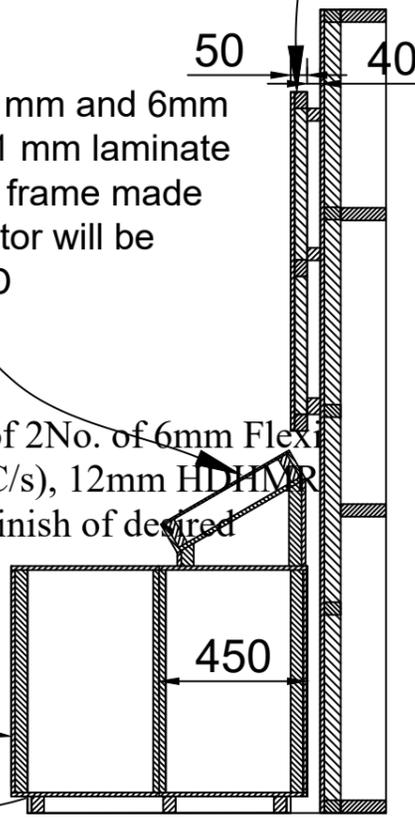


FRONT VIEW

Kiosk made of 12 mm and 6mm HDHMR ply with 1 mm laminate finish. Supporting frame made of teakwood. Monitor will be supplied by NSCD

Wooden structure made of 2No. of 6mm Flexi Ply, teakwood (50 X 38 C/s), 12mm HDHMR Ply and 1mm laminate finish of desired shade.

Space for cove lighting. LED lighting with power supply is to be done by the agency

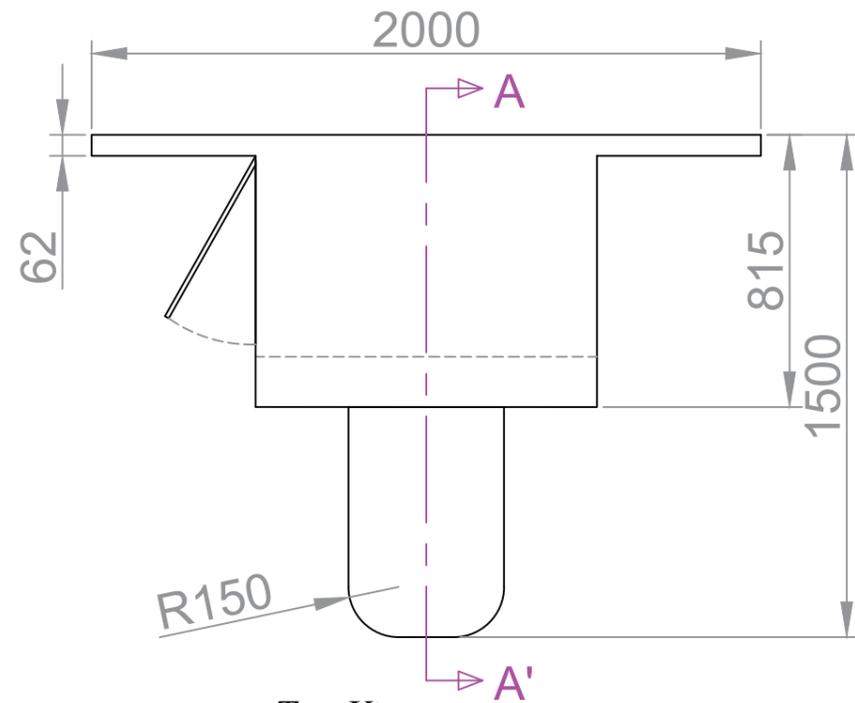


Section - AA' & CC'

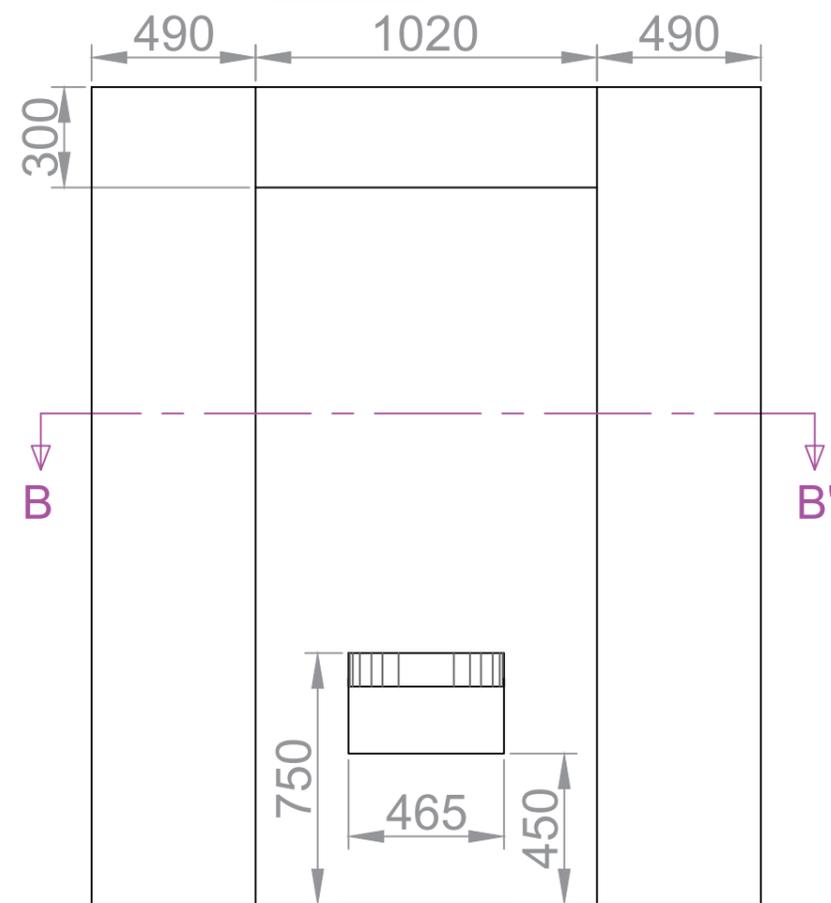
**NOTES:-**

1. For material specs and finishes, please refer to the specification sheet of tender document.
2. Dimensions given here are tentative and may vary as per site condition.
3. All exposed area except floor to be covered with 1mm laminate sheet (of approved make and color).

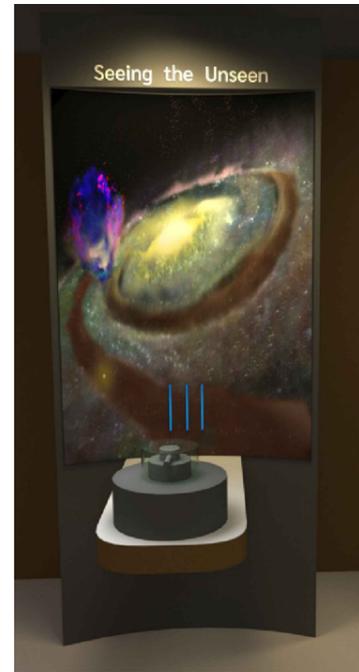
 NATIONAL SCIENCE CENTRE, DELHI	NAME	DATE
	DRAWN BY	Muktada 24/09/25
	CHECKED BY	
ALL DIMENSIONS ARE IN MM.	APPROVED BY	
REVOLUTION IN ASTRONOMICAL INSTRUMENTS	SHEET NO.	02 OF 02
	DRAWING NO.	NSCD/SH/AST- 11



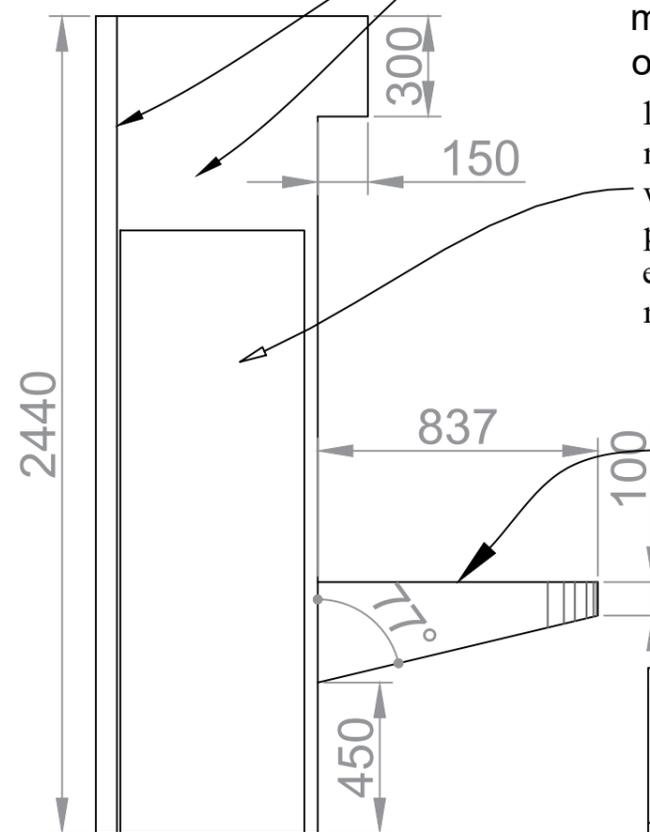
Top View



Front View



Indicative Image



R. Side View

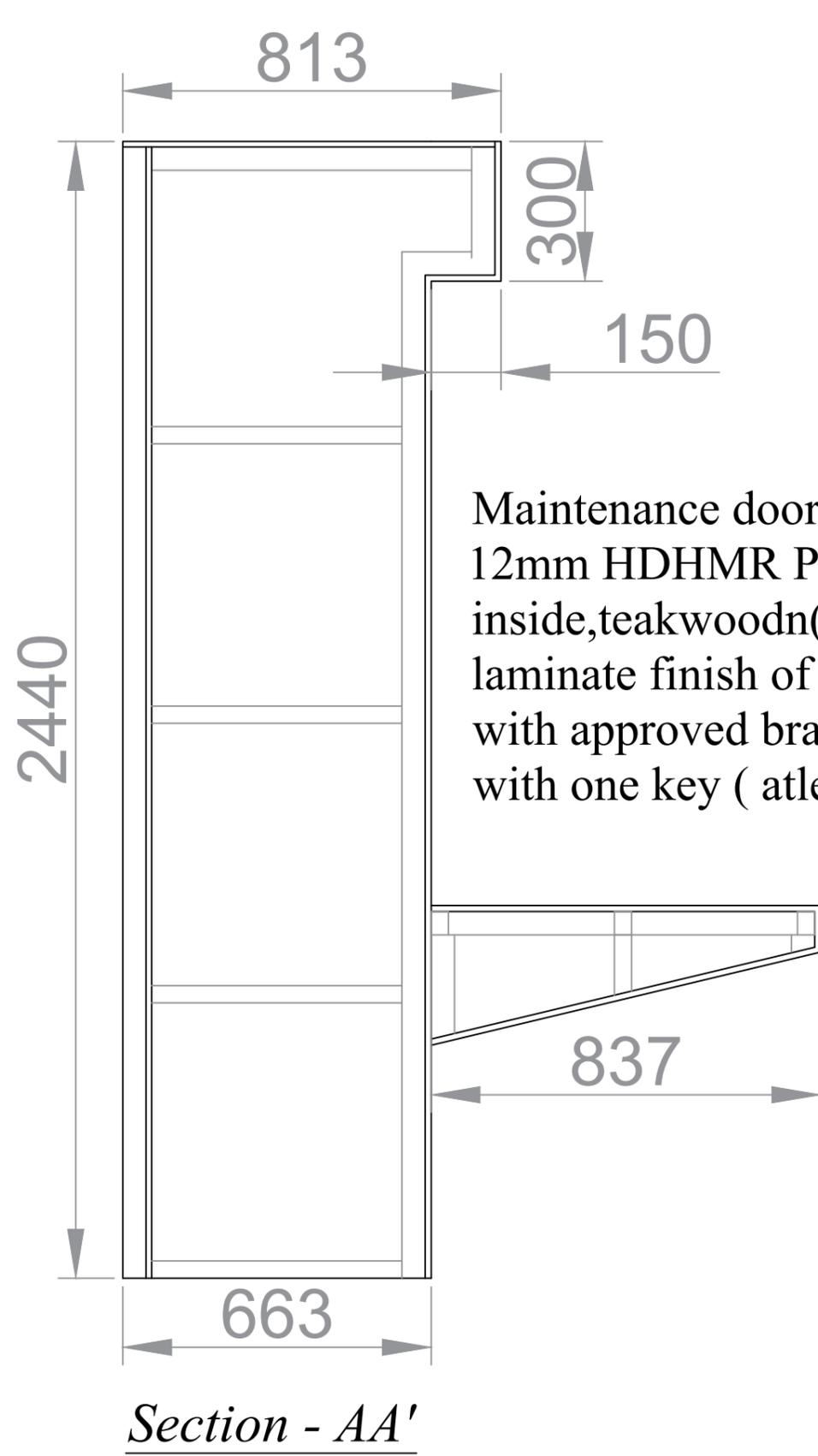
**NOTES:-**

1. For material specs and finishes, please refer to the specification sheet of tender document.
2. Dimensions given here are tentative and may vary as per site condition.
3. All exposed area except floor to be covered with 1mm laminate sheet (of approved make and color).

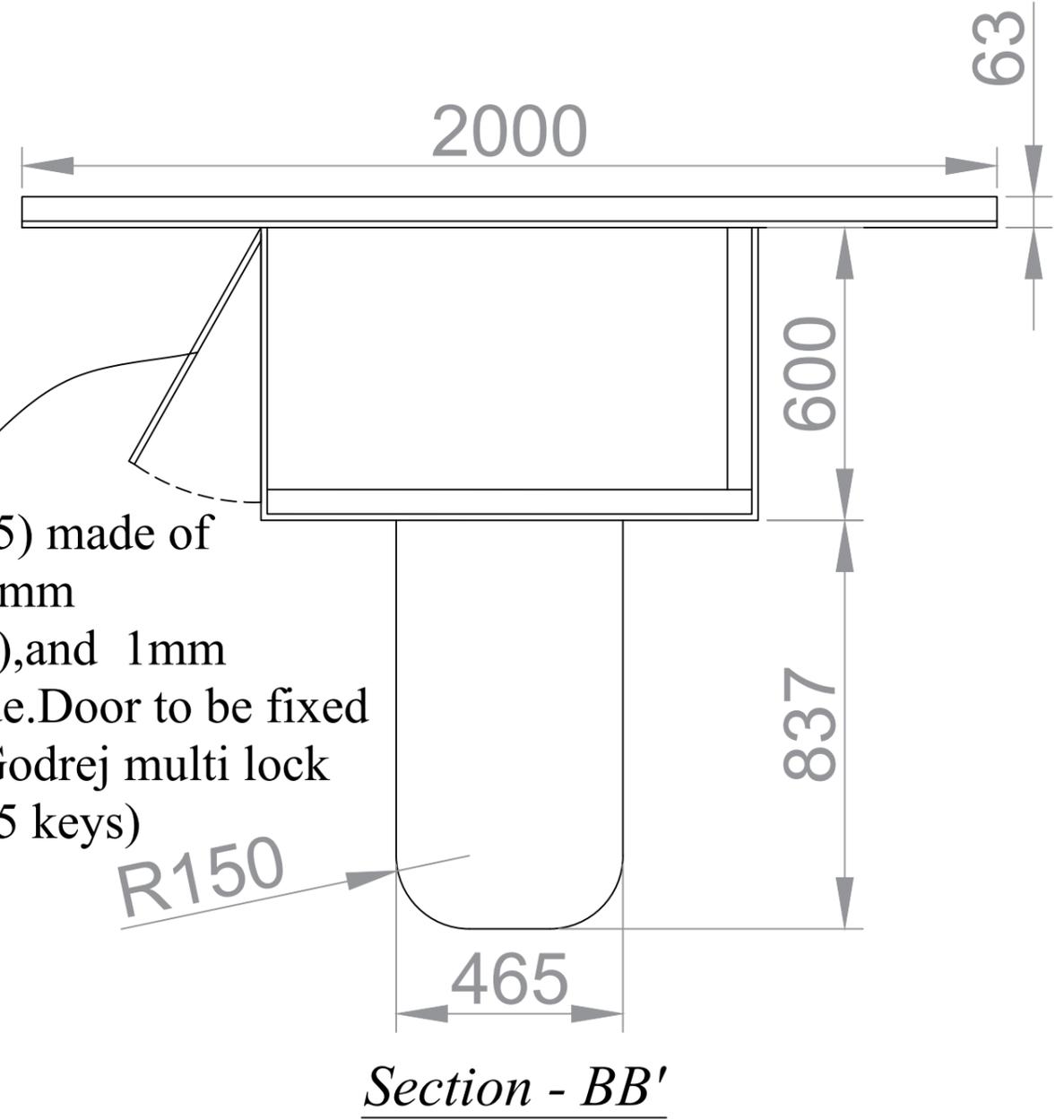
Straight Wall panel made of 12 mm HDHMR Board with teakwood (50 x 37 mm) frame grid @ 600 x 600 mm c/c, Finish with 1 mm laminate of approved colour. 1800X 550 mm door for maintenace, made of teakwood frame, out side 12mm (with laminate )and inside 6mm HDHMR ply (paint finish) with Godrej or equivalent approved lock ( one key with multiple locks)

Wooden strucure made of 2No. of 6mm Flexi Ply,teakwood (50 X 38 C/s), HDHMR Ply and 1mm laminate finish of desired shade.

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	DRAWING NO.	NSCD/SH/AST- 12a



Maintenance door (1800 X 565) made of 12mm HDHMR Ply out side 6mm inside, teakwoodn( 50 X 25 Cs), and 1mm laminate finish of desired shade. Door to be fixed with approved brand hinges, Godrej multi lock with one key ( atleast set of 3-5 keys)

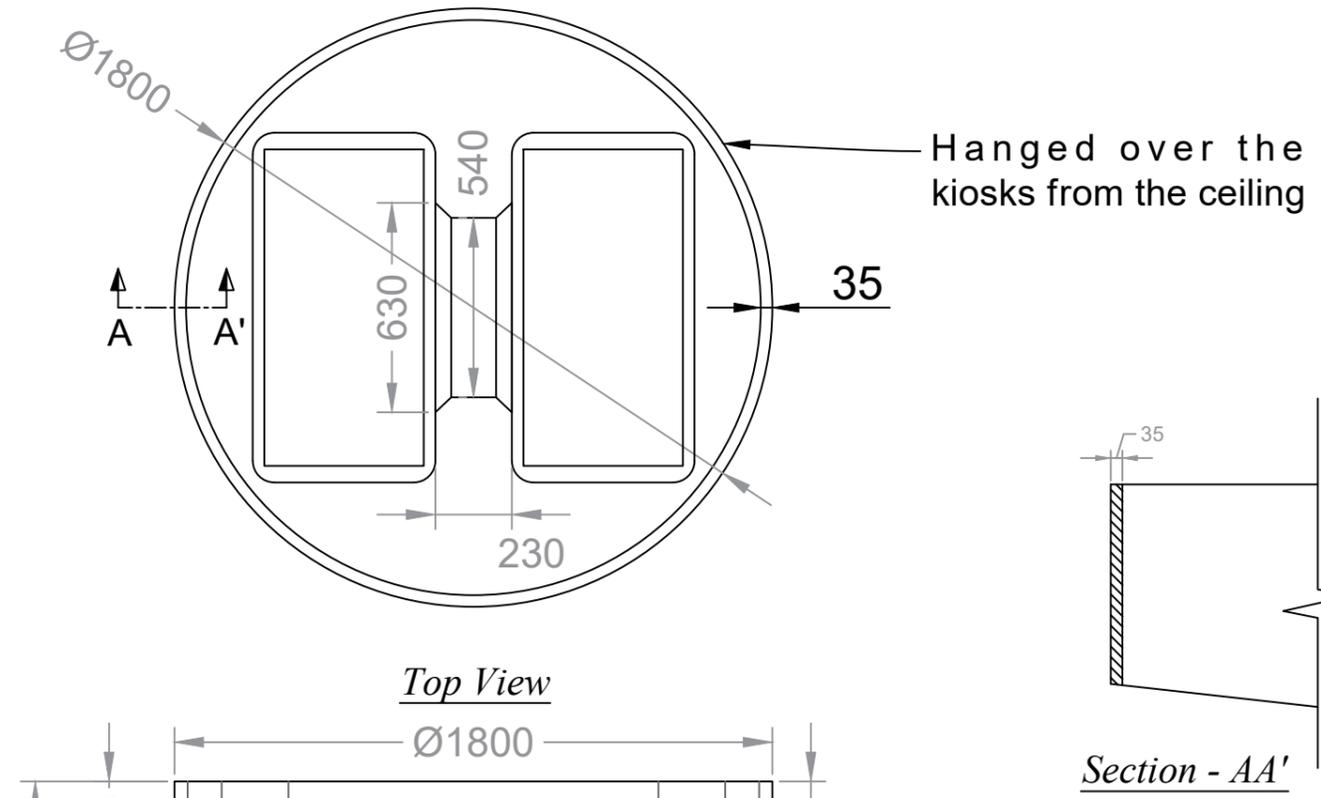


NATIONAL SCIENCE CENTRE,  
DELHI

ALL DIMENSIONS ARE IN MM.

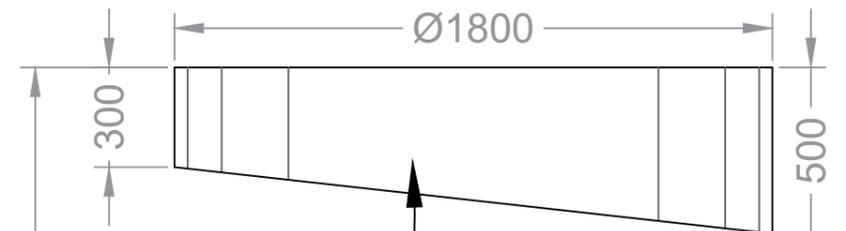
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APPROVED BY		
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DRAWING NO.	NSCD/SH/AST- 12b	



Hanged over the kiosks from the ceiling

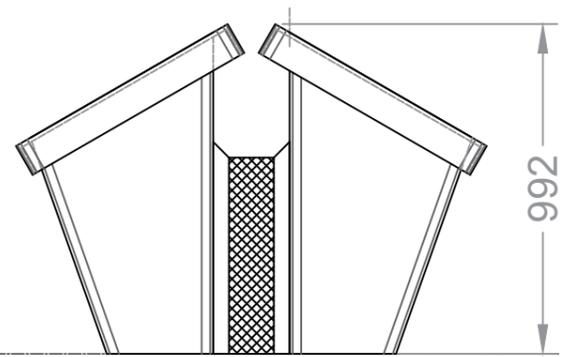
Part-2



Wooden strucure made of 2No. of 3mm Ply insde and 2No. of 3mm ply outside, Wood and 1mm laminate finish of desired shade.

After completion of strucure Moon models and one large size moon in the center (Provided by NSCD) are to be fixed on this stutuer and this stutuer is to be hanged by the agency from coffer as per image, by proper arrangement so that same should not come down.

3040



Part-1

Front View



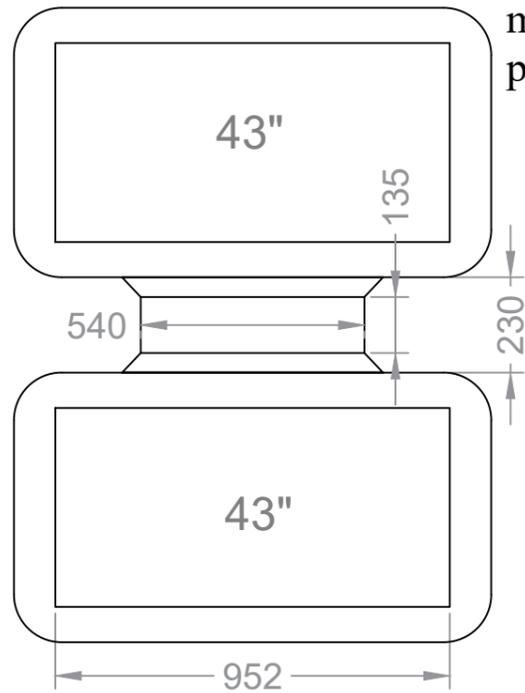
Indicative Image

**NOTES:-**

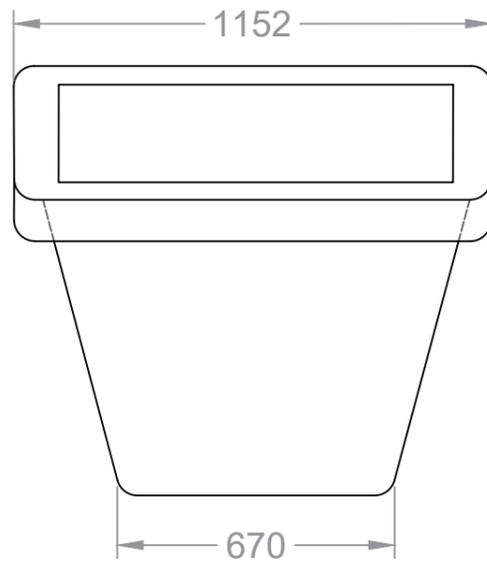
1. For material specs and finishes, please refer to the specification sheet of tender document.
2. Dimensions given here are tentative and may vary as per site condition.
3. All exposed area except floor to be covered with 1mm laminate sheet (of approved make and color).

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	DRAWN BY	Muktada	20/09/25
	CHECKED BY		
ALL DIMENSIONS ARE IN MM.	APPROVED BY		
<b>PHASES OF MOON</b>	SHEET NO.	01 OF 02	
	DRAWING NO.	NSCD/SH/AST- 13a	

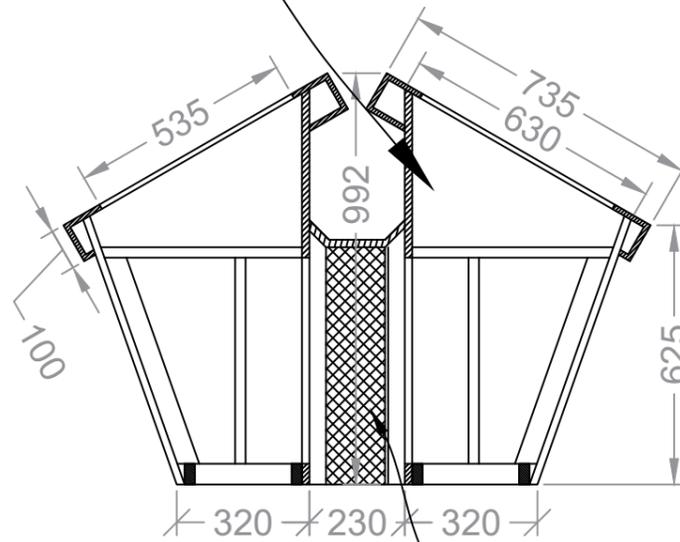
Monitors for 2 Kiosks will be provided by NSCD. Arrangement should be made by the agency in consultation of NSCD official for maintenance of monitor and CPU (which will be kept at the lower portion of Kiosk).



Top View

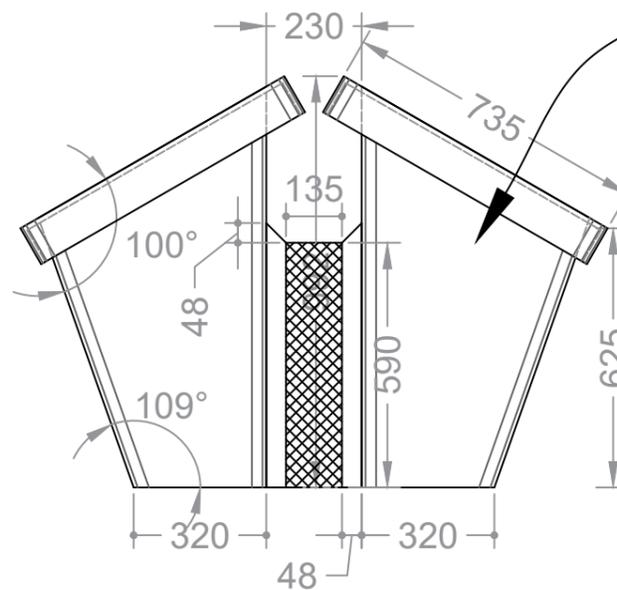


Front View

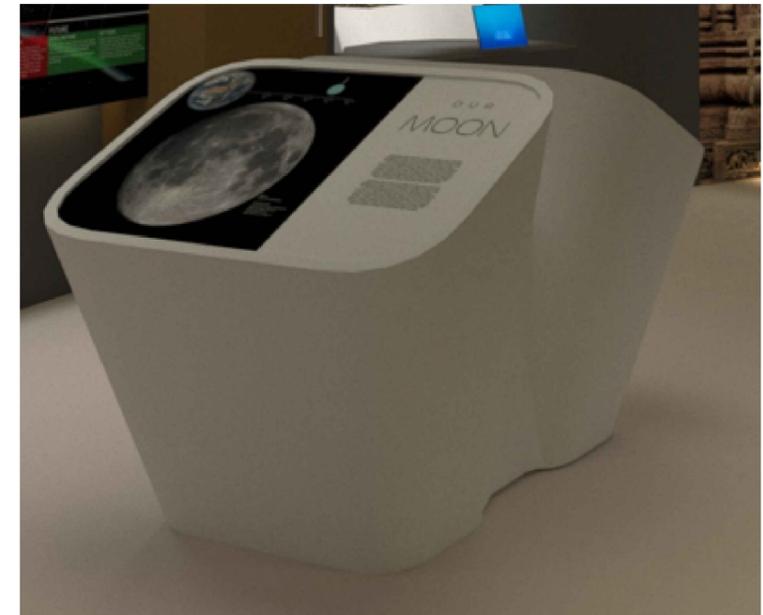


Section - BB'

Perforated sheet for ventilation



R. Side View



Indicative Image

Wooden structure made of 2No. of 6mm Flexi Ply( places where curvature is there),teakwood ( 50 X 38 Cs),12mm HDHMR Ply and 1mm laminate finish of desired shade.

**NOTES:-**

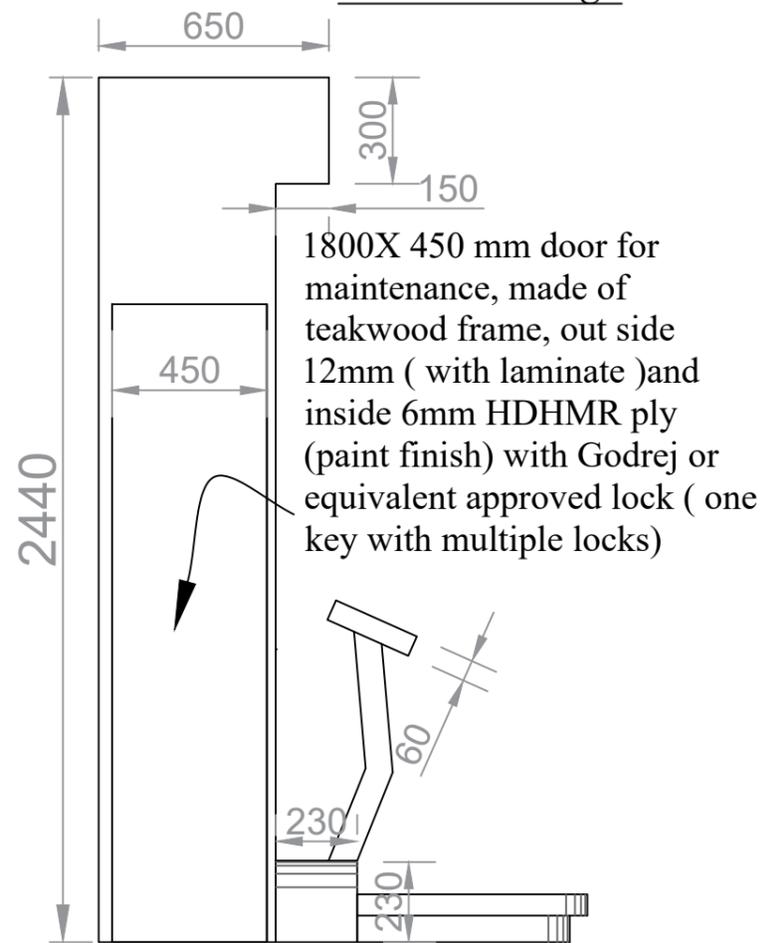
1. For material specs and finishes, please refer to the specification sheet of tender document.
2. Dimensions given here are tentative and may vary as per site condition.
3. All exposed area except floor to be covered with 1mm laminate sheet (of approved make and color).

Details of Part-1

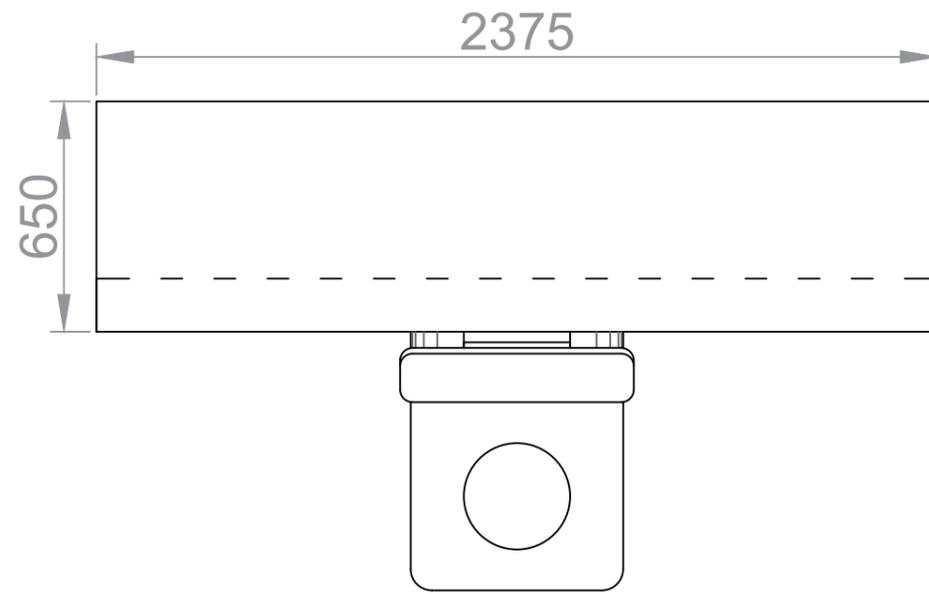
 NATIONAL SCIENCE CENTRE, DELHI	NAME	DATE
	DRAWN BY	Muktada
	CHECKED BY	
ALL DIMENSIONS ARE IN MM.	APPROVED BY	
PHASES OF MOON	SHEET NO.	02 OF 02
	DRAWING NO.	NSCD/SH/AST- 13b



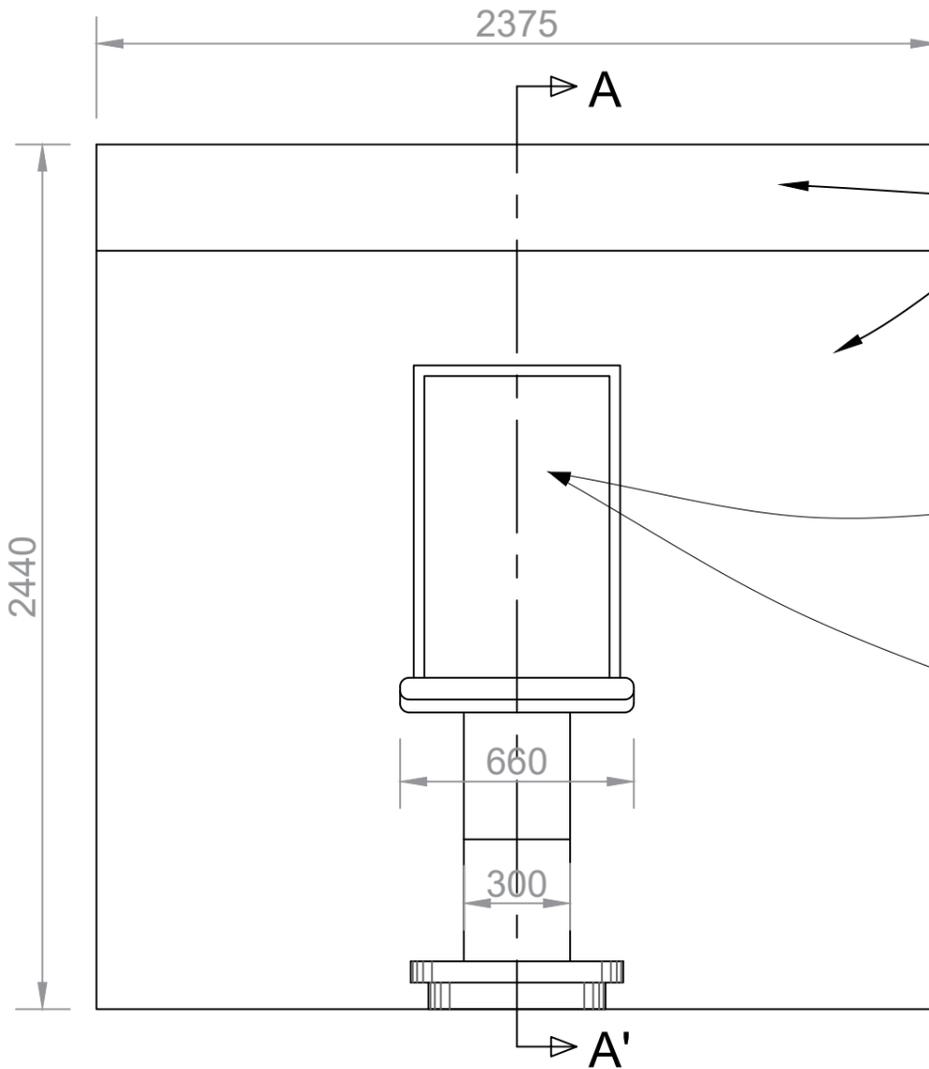
*Indicative Image*



*R. Side View*



*Top View*



*Front View*

**NOTES:-**

1. For material specs and finishes, please refer to the specification sheet of tender document.
2. Dimensions given here are tentative and may vary as per site condition.
3. All exposed area except floor to be covered with 1mm laminate sheet (of approved make and color).

Straight Wall panel made of 12 mm HDHMR Board with teakwood (50 x 37 mm) frame grid @ 600 x 600 mm c/c, Finish with 1 mm laminate of approved colour.

42" Display to be provided by NSCD is to be installed by agency. Display size is tentative, please confirm before cutting structure and installation.

Arrangement should be made for fixing Monitor from front side. Frame to cover the monitor should be made with 6mm thick black opaque acrylic as shown in image.

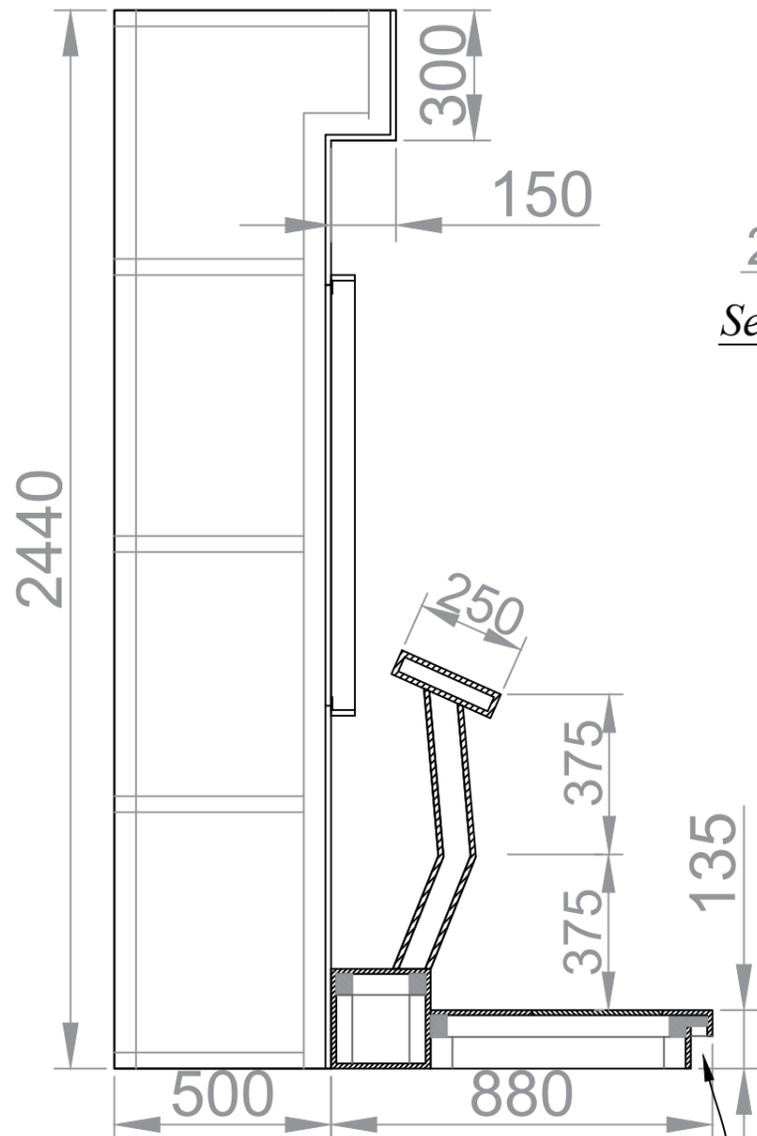
 NATIONAL SCIENCE CENTRE, DELHI	NAME	DATE
	DRAWN BY	Muktada
	CHECKED BY	
ALL DIMENSIONS ARE IN MM.	APPROVED BY	
YOUR WEIGHT ON DIFFERENT PLANETS	SHEET NO.	01 OF 02
	DRAWING NO.	NSCD/SH/AST- 14

Switch box made of 6mm & 12mm HDHMR Ply, teakwood, and 1mm laminate finish of desired shade. Bottom side should be made openable for replacement of switches.

Weighing Platform (Provided by NSCD) is to be covered with wooden structure made of 12mm HDHMR Ply, teakwood, and top finish with LG vinyl flooring of desired shade.

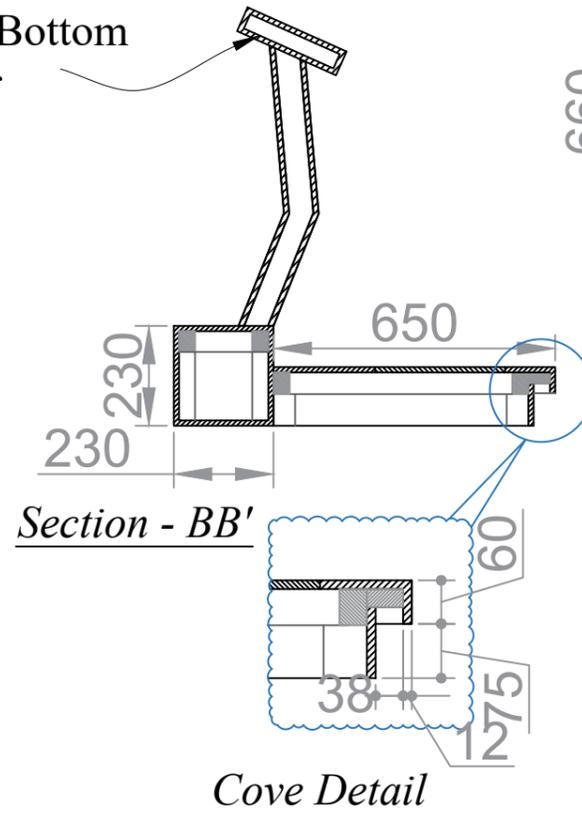


*Indicative Image*



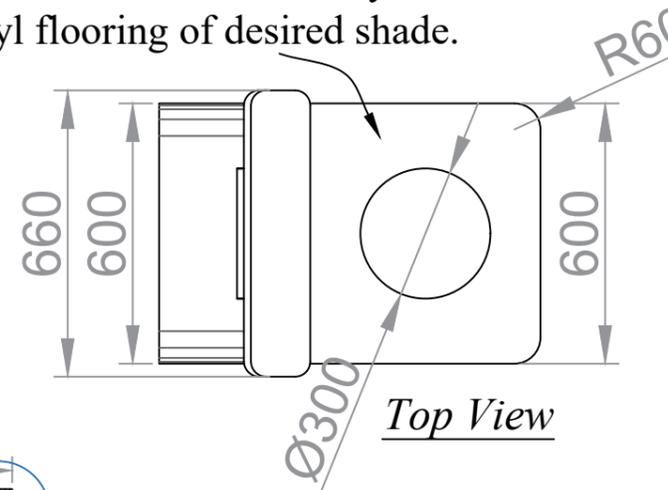
*Section - AA'*

Space for cove lighting. Philips LED lighting with power supply is to be done by the agency.

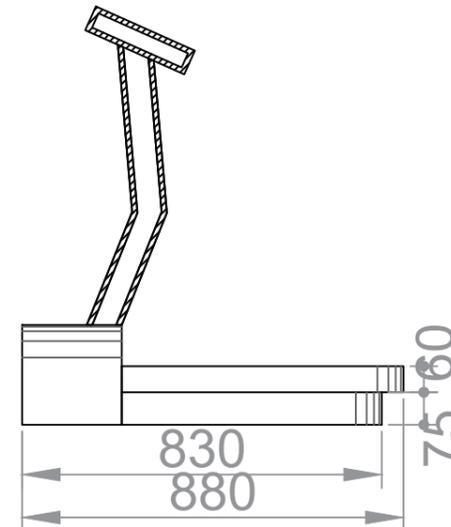


*Section - BB'*

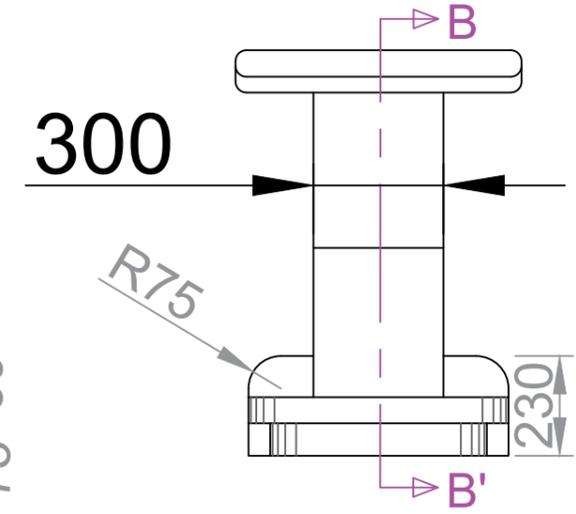
*Cove Detail*



*Top View*



*Front View*

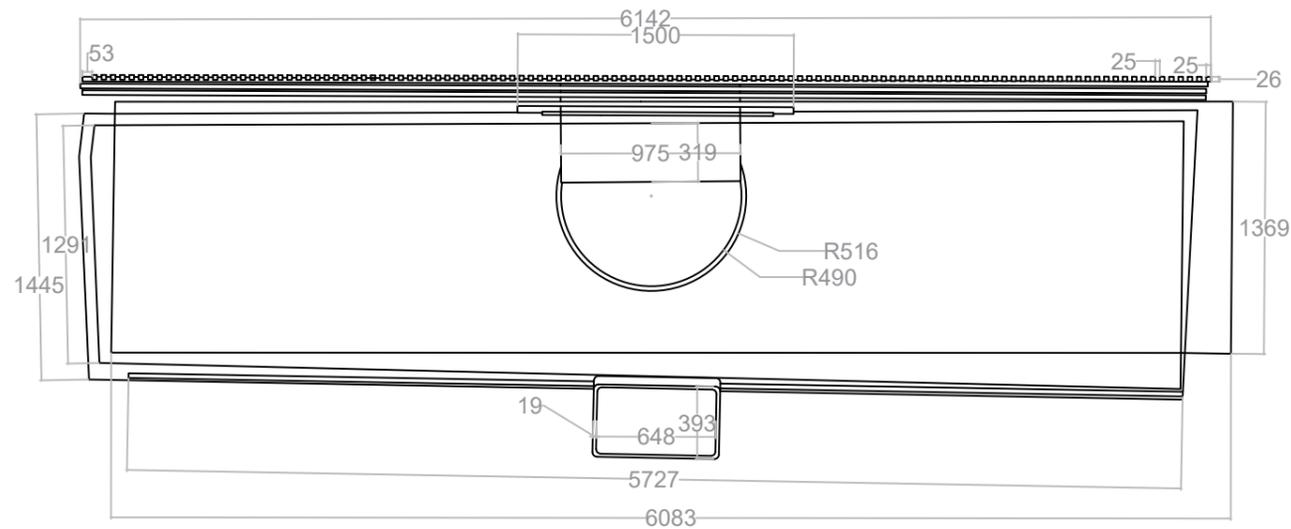


*R. Side View*

**NOTES:-**

1. For material specs and finishes, please refer to the specification sheet of tender document.
2. Dimensions given here are tentative and may vary as per site condition.
3. All exposed area except floor to be covered with 1mm laminate sheet (of approved make and color).

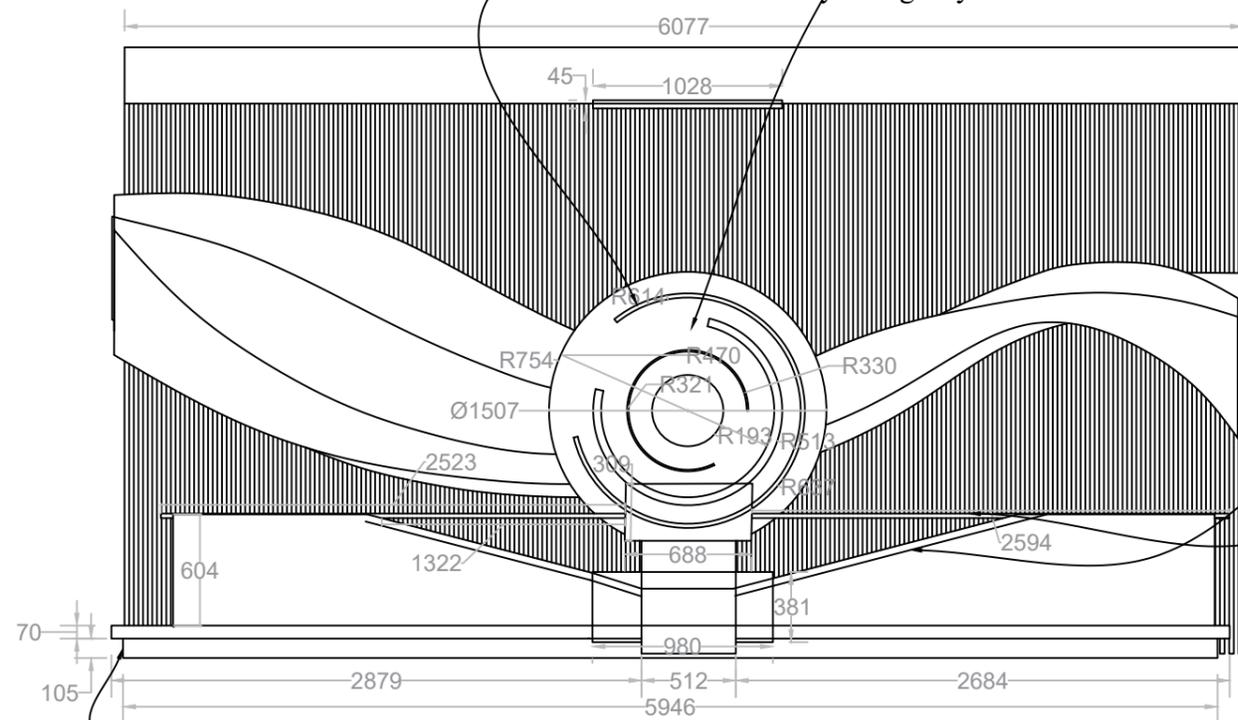
 NATIONAL SCIENCE CENTRE, DELHI	NAME	DATE
	DRAWN BY	Muktada
ALL DIMENSIONS ARE IN MM.	CHECKED BY	
	APPROVED BY	
YOUR WEIGHT ON DIFFERENT PLANETS	SHEET NO.	02 OF 02
	DRAWING NO.	NSCD/SH/AST- 14



*Top View*

12mm blue acrylic rings as per approved color and design are to be fixed by the agency.

12mm frosted acrylic with LED lighting and power supply is to be done by the agency

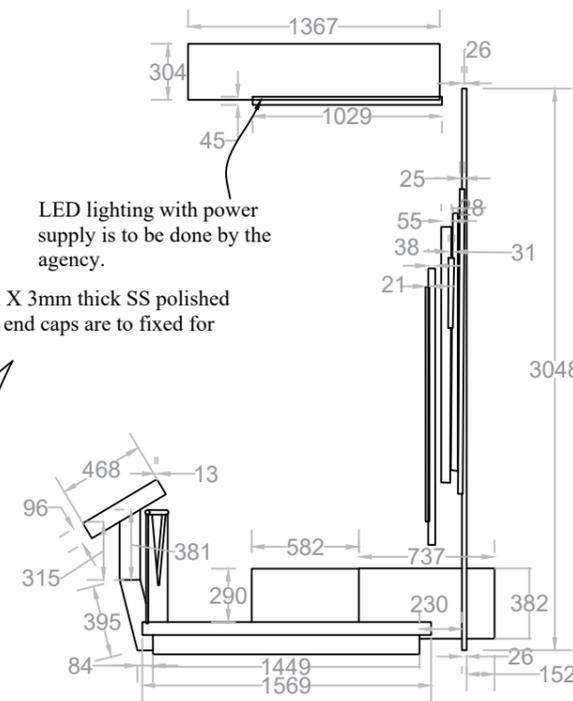


*Front View*

Space for cove lighting. Philips LED lighting is to be done by the agency



*Indicative Image*



*R. Side View*

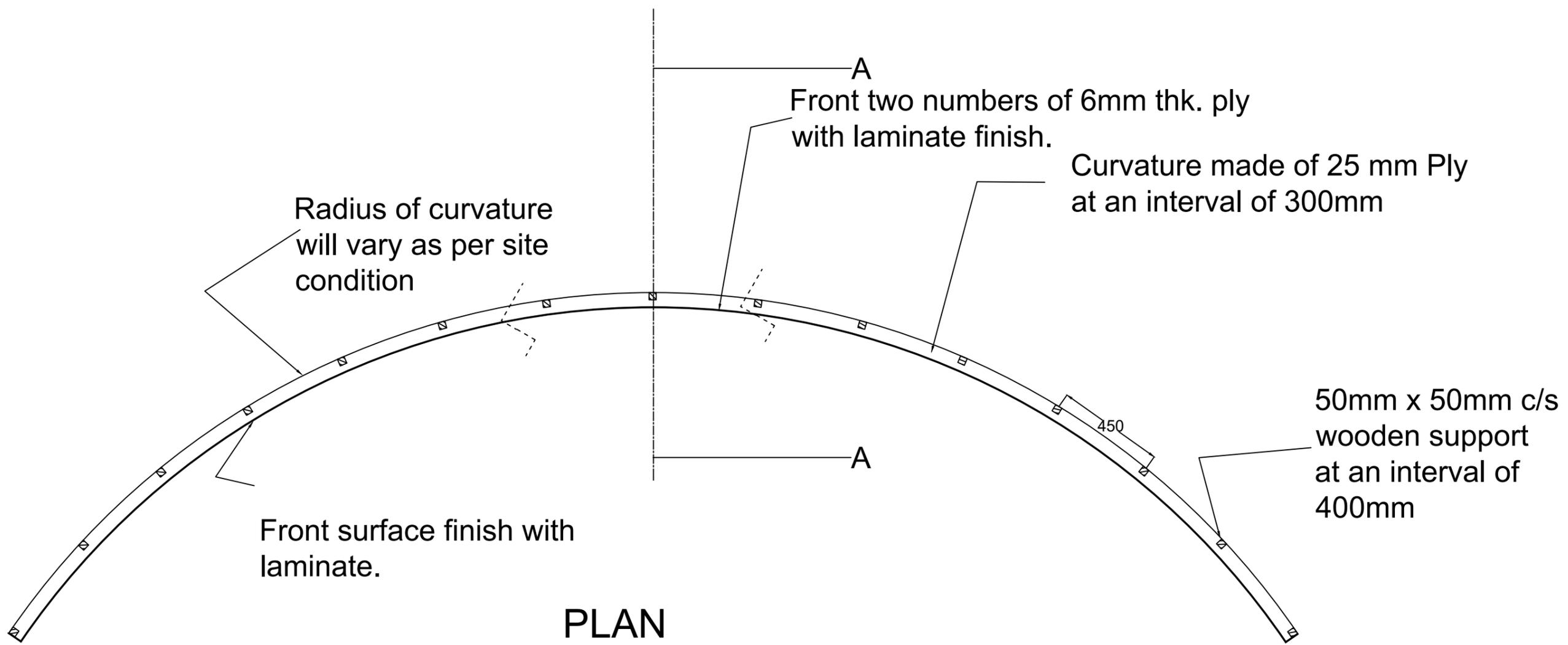
LED lighting with power supply is to be done by the agency.

40-50mm X 3mm thick SS polished pipe with end caps are to fixed for railing.

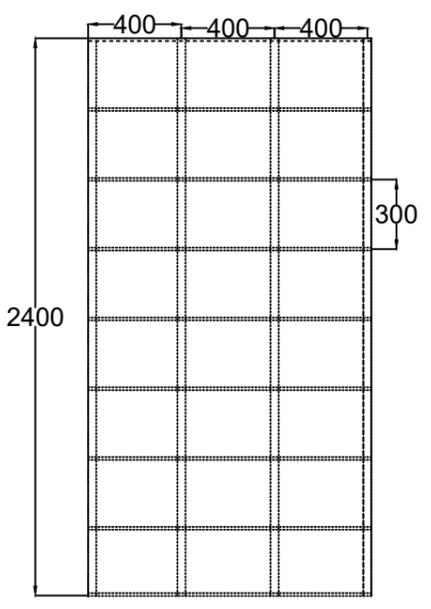
**NOTES:-**

1. For material specs and finishes, please refer to the specification sheet of tender document.
2. Dimensions given here are tentative and may vary as per site condition.
3. All exposed area except floor to be covered with 1mm laminate sheet (of approved make and color).

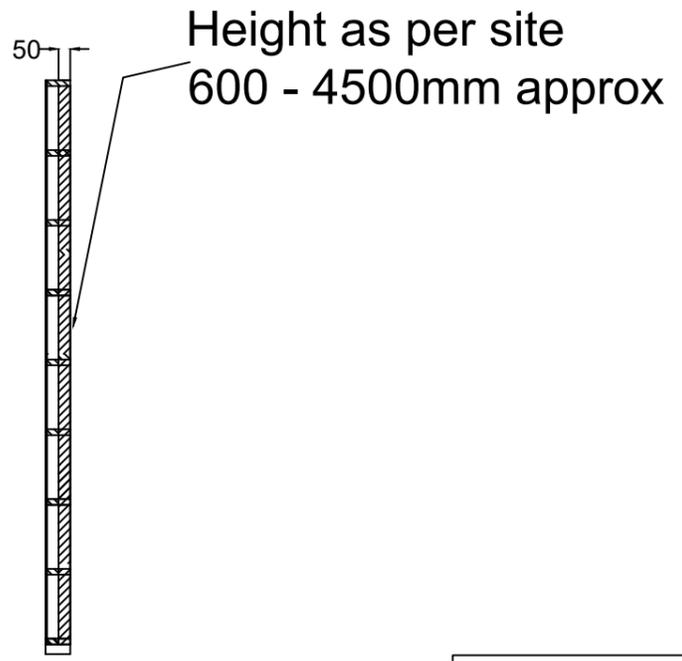
 NATIONAL SCIENCE CENTRE, DELHI	NAME	DATE
	DRAWN BY	24/09/25
ALL DIMENSIONS ARE IN MM.	CHECKED BY	
	APPROVED BY	
INDIA IN SPACE	SHEET NO.	01 OF 01
	DRAWING NO.	NSCD/SH/AST- 15



**PLAN**



**ELEVATION**

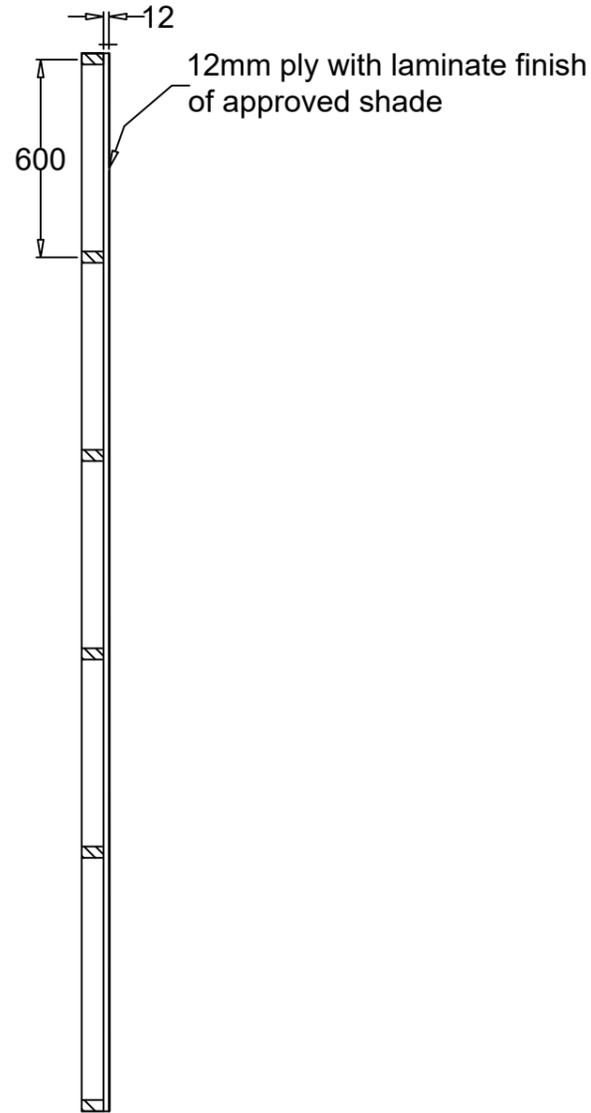
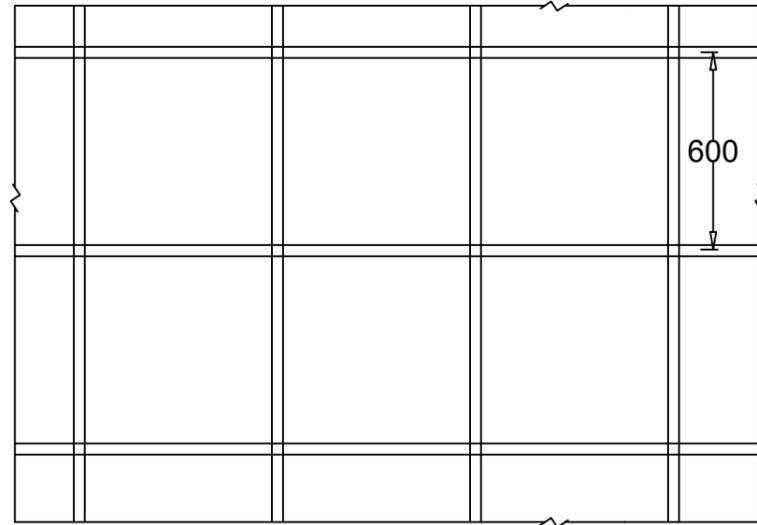
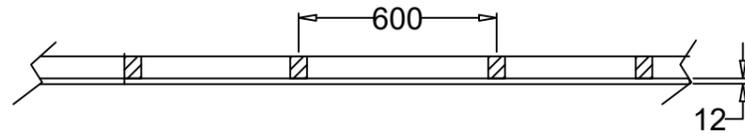


**SECTION AA**

Technical Specification for wooden paneling

- 1) use 50mmx 50mm cross section fully seasoned good quality medium Teak Wood for vertical and 50mm x 38mm cross section medium Teak Wood for horizontal members.
- 2) Use only fully seasoned knot and crack free medium Teak Wood.
- 3) Use only new and latest stock of phenol bonded plywood (BWP) of Century /Green ply. These are to be got approved before using in fabrication. Ply marked with Century/Green Ply of their best grade only will be accepted. No other mark of ply though from same manufacturer will be accepted.
- 4) Front surfaces of wooden Paneling should have teak veneer of approved shade of Century/Green make or emulsion paint finish as mentioned in the drawing .
- 5) Use only Fevicol (SH) adhesive for frame joining; ply fixing on frames, laminate pasting works etc.
- 6) Proper eco-friendly anti termite chemical shall be applied on all wooden/plywood surfaces, those are not visible.

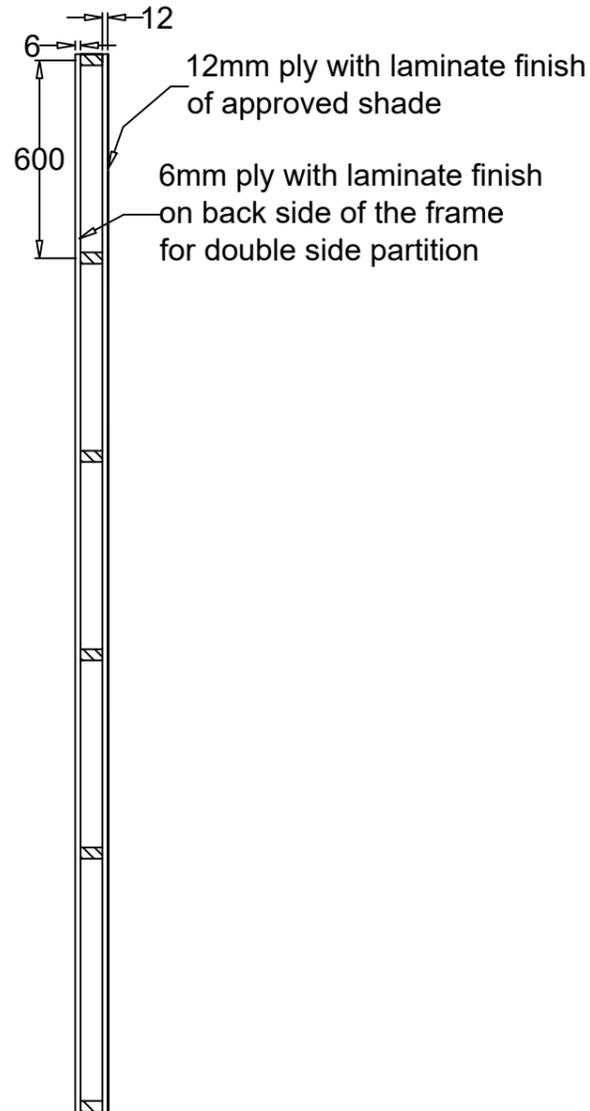
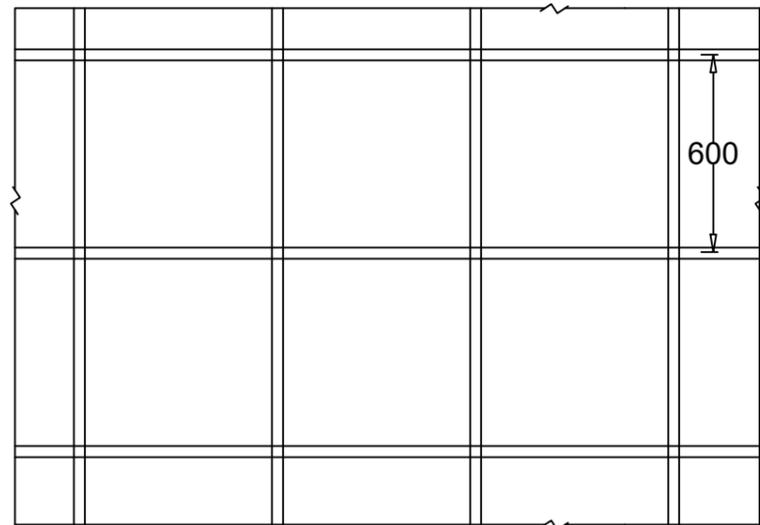
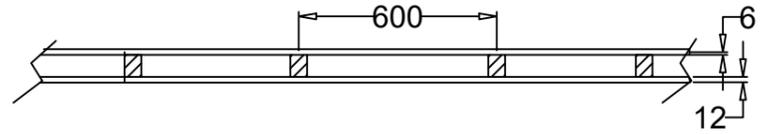
 NATIONAL SCIENCE CENTRE, DELHI		NAME	DATE
	DRAWN BY	Muktada	24/09/25
	CHECKED BY		
ALL DIMENSIONS ARE IN MM.	APPROVED BY		
CURVED PARTITION	SHEET NO.	01 OF 01	
	DRAWING NO.	NSCD/SH/AST- 16	



Technical Specification for wooden paneling

- 1) use 50mm x 50mm cross section fully seasoned good quality medium Teak Wood for vertical and 50mm x 38mm cross section medium Teak Wood for horizontal members.
- 2) Use only fully seasoned knot and crack free medium Teak Wood.
- 3) Use only new and latest stock of phenol bonded plywood (BWP) of Century /Green ply. These are to be got approved before using in fabrication. Ply marked with Century/Green Ply of their best grade only will be accepted. No other mark of ply though from same manufacturer will be accepted.
- 4) Front surfaces of wooden Paneling should have teak veneer of approved shade of Century/Green make or emulsion paint finish as mentioned in the drawing .
- 5) Use only Fevicol (SH) adhesive for frame joining; ply fixing on frames, laminate pasting works etc.
- 6) Proper eco-friendly anti termite chemical shall be applied on all wooden/plywood surfaces, those are not visible.

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SINGLE SIDE STRAIGHT PARTITION	SHEET NO.	01 OF 01
	DRAWING NO.	NSCD/SH/AST- 17



Technical Specification for wooden paneling

- 1) use 50mm x 50mm cross section fully seasoned good quality medium Teak Wood for vertical and 50mm x 38mm cross section medium Teak Wood for horizontal members.
- 2) Use only fully seasoned knot and crack free medium Teak Wood.
- 3) Use only new and latest stock of phenol bonded plywood (BWP) of Century /Green ply. These are to be got approved before using in fabrication. Ply marked with Century/Green Ply of their best grade only will be accepted. No other mark of ply though from same manufacturer will be accepted.
- 4) Front surfaces of wooden Paneling should have teak veneer of approved shade of Century/Green make or emulsion paint finish as mentioned in the drawing .
- 5) Use only Fevicol (SH) adhesive for frame joining; ply fixing on frames, laminate pasting works etc.
- 6) Proper eco-friendly anti termite chemical shall be applied on all wooden/plywood surfaces, those are not visible.

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ALL DIMENSIONS ARE IN MM.	APPROVED BY	
DOUBLE SIDE STRAIGHT PARTITION	SHEET NO.	01 OF 01
	DRAWING NO.	NSCD/SH/AST- 18