
E-TENDER DOCUMENT

NAME OF THE WORK:

**Setting up of “Kedar Parichay Museum”
at Kedarnath Dham, Uttarakhand.**

TENDER INVITING AUTHORITY

National Science Centre

(A unit of NCSM, Ministry of Culture Govt. of India)

Near Gate No. 4, Pragati Maidan

Bhairon Marg, New Delhi – 110001

(A constituent unit of National Council of Science Museums)



Ministry of Culture
Government of India



NATIONAL COUNCIL OF SCIENCE MUSEUMS

Index

Sr. No.	Particular	Remark (name of Tender Document)	
1	Disclaimer & Disclosures	TenderNotice_1	
2	Instructions to the Tenderers/Bidders for e-Submission of Bids Online Through e-Procurement Site		
3	Notice Inviting e-Tender		
4	Appendix to NIT		
5	Bank Details of National Science Centre, Delhi for Submission of EMD / Performance Guarantee		
6	Terms and Conditions for Providing Services for 'Integrated Development of Galleries and Exhibits for Kedar Parichay Museum at Kedarnath Dham, Uttarakhand'		
7	Format for Bank Guarantee Bond (For EMD only)		
8	Format for Bank Guarantee Bond (For Performance Guarantee / Retention Money only)		
9	Format for Articles of Agreement		
10	Bidder's Information Sheet		Annexure-A
11	Format for Declarations & Undertakings		Annexure-B
12	Bid Securing Declaration Form		Annexure-C
13	CHECKLIST for the Tenderer		Annexure-D
14	Work Experience (As per eligibility conditions)		Annexure-E
15	Declaration of Technical Expertise and Key Personnel Details		Annexure-F
16	Annual Turnover (Last 7 Financial Years)		Annexure-G
17	Affidavit Regarding Non-Blacklisting and No Criminal Case		Annexure-H
18	Experience in Similar Atmospheric/ Geographical conditions		Annexure-J
19	Sample of rate Quote Sheet (Bill of Quantities)		Annexure-K
20	Sample of Rate Only Quote		Annexure-L
21	Scope of Work: Proposed Kedar Parichay Museum, Kedarnath, Uttarakhand	Annexure – I	
22	Specification of Works for Museum Work Items	Annexure – II	
23	List of preferred makes	Annexure – IIA	
24	Curatorial Layout Scheme	Annexure – III	
25	Tentative List of Paintings / Maps to be Commissioned	Annexure – IV	TenderNotice_2
26	Tentative List of Sculptures to be Commissioned	Annexure – V	
27	Tentative List of Identified Manuscript Images / References	Annexure – VI	TenderNotice_3
28	Reference of Kedar Doli	Annexure – VII	
29	Tentative List of Identified Photographs and Drawings	Annexure – VIII	TenderNotice_4
30	Building Layout and Presentation of Kedar Parichay Museum with rendered views	Annexure-IX	

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 RFP process giving due notification through the NSCD's website (www.nscd.gov.in).

NSCD will not be liable for any costs incurred by the Bidders in the preparation of the RFP & its presentation.

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.

INSTRUCTIONS TO THE TENDERERS/BIDDERS FOR E-SUBMISSION OF BIDS ONLINE THROUGH E-PROCUREMENT SITE <https://eprocure.gov.in/eprocure/app>

This tender document has been published on the Central Public Procurement (CPP) Portal (URL: <https://eprocure.gov.in/eprocure/app>). The tenderers/bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates (DSC). The instructions given below are meant to assist the tenderers/bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal. More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>

REGISTRATION

- 1) Tenderers/bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “**Click here to Enroll**” on the CPP Portal. Enrolment is free of Charge.

As part of the enrolment process, the tenderers/bidders will be required to choose a unique username and assign a password for their accounts.

Tenderers/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.

Upon enrolment, the tenderers/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 / TCS / nCode / eMudhra etc.), with their profile.

Only one valid DSC should be registered by a tenderer/bidders. Please note that the tenderers/bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.

Bidder then logs in to the site through the secured log-in by entering their user ID & password and the password of the DSC / e-Token.

SEARCHING FOR TENDER DOCUMENTS

- (a) There are various search options built in the CPP Portal, to facilitate tenderers/bidders to search active tenders by several parameters. These parameters could include organization name, location, date, value, etc. There is also an option of ‘**Advanced Search**’ for tenders, wherein the tenderers/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.
- (b) Once the tenderers/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 tenderers/bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
- (c) The bidder 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.

PREPARATION OF BIDS

- (a) Tenderer/bidder should take into account any corrigendum published on the tender document before submitting their bids. 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 contents of each of the documents that need to be submitted.
- (b) Bidder, 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 formats as mentioned. **Bid documents may be scanned with 100 dpi with black and white option.**
- (c) To avoid the time and efforts 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 tenderers/bidders. Tenderers/bidders can use “My Space” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting the bid just by tagging and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

- 1) Tenderer/bidder should log into the site well in advance for bid submission so that he/she uploads the Bid in time i.e. on or before the bid submission time as per the system. Bidder will be responsible for any delay due to other issues.
- 2) Tenderer/bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) The Tender Inviting Authority (TIA) will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the tenderers/bidders. The bidder should see that the bid documents submitted should be free from virus and if the documents could not be opened, due to virus, during tender opening, the bid is liable to be rejected.
- 4) The tenderer should furnish EMD in requisite format as indicated in the NIT and upload scanned copy of the same along with technical bid of the tender. EMD to be submitted to the Centre physically before due date of the tender.
- 5) Tenderers/bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. The price bid has been given as a standard **Rate Quote Sheet (Percentage BoQ Template)** in .xls format with the tender document, which is to be downloaded and to be filled by all the tenderers/bidders. Tenderers/bidders are required to download the **Rate Quote Sheet (Percentage BoQ Template)** file, open it and complete the blue colored (unprotected) cells with their respective financial quotes and other details (such as name of the Tenderer/bidder). No other cells should be changed. Once the details have been completed, the tenderer/bidder should save it and submit it online, without changing the filename. If the **Rate Quote Sheet (Percentage BoQ Template)** file is found to be modified by the tenderer/bidder, the bid will be rejected. In e-Tendering, intending tenderer/bidder can quote their rate in figures only. The total amount is generated automatically. Therefore, the rate quoted by the tenderer/bidder in figures shall be taken as correct. The Comparative Statement is also generated automatically by the system. The Comparative Statement and rate quoted by each tenderer/bidder shall be downloaded. **The manual calculation check of tenders/bids and Comparative Statement, shall be final. In case, any discrepancy is noticed, the decision of appropriate NCSM authority shall be final and binding.**

- 6) The server time (which is displayed on the tender's/bidder's dashboard) will be considered as the standard time for referring the deadlines for submission of the bids by the tenderers/bidders, opening of bids etc. The tenderers/bidders should follow this time during bid submission. The tenderers/bidders are requested to submit the tenders/bids through online e-tendering system to the **Tender Inviting Authority (TIA)** well before the bid submission end date & time (as per Server System Clock).
- 7) All the documents being submitted by the tenderers/bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128-bit encryption technology. Data storage encryption of sensitive fields is done.
- 8) The uploaded tender documents become readable only after the tender opening by the authorized tender/bid openers.
- 9) Upon the successful and timely submission of tenders/bids, the portal will give a successful tender/bid submission message & a tender/bid summary will be displayed with the NIT/tender/bid no. or Name of Work and the date & time of submission of the tender/bid with all other relevant details.
- 10) The tender/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 tender/bid opening meetings.

ASSISTANCE TO TENDERERS/BIDDERS

- (a) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the **Tender Inviting Authority (TIA), National Science Centre, Near Gate No. 04, Pragati Maidan, Bhairon Road, New Delhi- 110001 Ph. 011-7428693710-17; Website: www.nscd.gov.in Email: nscdl01@gmail.com , nscdelhivilsection@gmail.com**
- (b) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed call to the 24x7 CPP Portal Helpdesk Ph. **1800-3070-2232.**

**NOTICE INVITING E-TENDER
(E-NIT)**

Ref. No: NSCD/15014/8/e-tender/09/2025-26

Date: 31.07.2025

Online e-tenders are invited for ‘**Setting up of “Kedar Parichay Museum” at Kedarnath Dham, Uttarakhand**’ in two Bid System, from competent and eligible agencies /consortiums **having experience in designing, curation and setting-up of museums which are object/artefact/artwork based at International/ National/ state level.**

Agencies who satisfy the eligibility criteria enumerated in the Tender Documents may download the NIT document from the Central Public Procurement Portal (CPPP): <http://eprocure.gov.in/eprocure/app> as per the following schedule: -

Bid Document Published Date	31-07-2025 (As per portal time)
Bid Document Download Start Date	31-07-2025 (As per portal time)
Bid Document Download End Date	21-08-2025 (11:00 AM)
Bid Clarification Start Date	31-07-2025 (As per portal time)
Pre- Bid Meeting Date	11-08-2025 (11.00 AM) at NSC, Delhi
Bid Clarification End Date	13-08-2025 (1.00 PM)
Bid Submission Start Date	30-07-2025 (As per portal time)
Bid Submission End Date & Time	21-08-2025 (2:00 PM)
Earnest Money Deposit (EMD)	Rs. 40 Lakhs shall be submitted by the bidder at NATIONAL SCIENCE CENTRE, Delhi
Technical Bid Opening Date	22-08-2025 (02:00 PM)
Technical Presentation to be made at National Science Centre, Near Gate No. 4, Pragati Maidan, Bhairon Marg, New Delhi- 110 001	Date and details shall be communicated to the bidders (Tentatively between 25-08-2025 to 29-08-2025)
Financial Bid opening Date	To be notified on CPPP

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

Visit of the Site: The e-tenderer may visit site before giving e-tender and must get acquainted with the working conditions. However, if the physical site visit of the Kedarnath is not feasible due to prevailing climatic condition, agencies/ bidders are advised to study the building features from the drawings, building location and the logistic related aspects thoroughly through their own sources before submitting their bid. All the e-tenderers are advised to raise any clarifications, if needed, within the Bid Clarification Last date and attend the pre-bid meeting as per the schedule given in this tender/ RFP, where they shall be briefed about the site and the area will be familiarized through documented photos and videos of site so as to get acquainted with the site and nature of work before bidding.

Submission of the Bid: This Tender is an e-Tender; **bids are to be submitted through CPP Portal (<http://eprocure.gov.in>) only.** *Bids submitted in physical forms will be summarily rejected.*

Details of Tender fee, EMD, submission of tender, etc. are indicated in the tender document.

Both Technical Bid and Financial bid duly furnished in Cover –I and Cover-II, respectively, should be uploaded online by the due date and time as per the tender schedule. The responsibility to ensure the same and timely uploading lies with the agencies/ bidders.

NSCD reserve 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 design shall be of prime consideration for selection.

Appendix to NIT

1. SUMMARY CONDITIONS OF CONTRACT

Defect Liability Period	Three years from the date of virtual completion as certified by the Museum/Centre or from the date of passing of final bill, whichever is later.
Time for Completion	240 days (excluding the snow period) from the date of Award of Contract (AOC) as per NIT
Interim Certificate/Bill	15% of the work award value. Bills for lesser amounts may also be considered at the discretion of the Museum/Centre but not more than one running bill in a month.
Earnest Money to be deposited with the e-tender	Rs. 40 lakhs Refer to clause 3 of the Terms and Conditions of NIT
Liquidated Damages for non-completion of work in time (Clause 10 of the general conditions of contract).	1% per week of the total cost of the work awarded subject to a maximum of 10% of gross value of work done or cost of the work awarded whichever is greater.

2. RETENTION MONEY

A. For Part-I component of the work as per the BoQ attached as Annexure-K

Total : 10 % as per the following detail-

(i) Performance Guarantee : **3% of Part-I** tendered value (After adjusting EMD deposited with tender i.e. Rs. 40.00 Lakhs) to be deposited on award of work (before signing of agreement) through Demand Draft drawn on any Nationalized Bank/Certified Cheque from a Nationalized Bank or insurance surety bond or fixed deposit receipt or bank guarantee or online transaction in the account of NSCD

(ii) Security deposit : 7 % of the value of work done to be recovered from each R.A. Bill/Final Bill up to billing of Part-I component of the work

Note: -

1. The money submitted/deducted towards Performance Guarantee (PG)/Security deposit under part-I component of the work (i.e. 10% of the final billed value for Part-I scope of the work), shall be retained and 30% released after successful completion of one year of Defect Liability Period (DLP).
2. Subsequently, 30% will be released after completion of 2nd year of DLP & 40% will be released after completion of 3rd year of DLP.

B. For Part-II component of the work as per the BoQ attached as Annexure-K (3 years Operation of the Museum)

Applicable only if the competent authority of NSCD/Uttarakhand Government or as the case may be, finds it suitable to award the work under Part-II, after successful completion of Part-I.

Retention money will be as below:

- (i) Performance Guarantee: **10% of average annual tendered value of Part-II** to be deposited on awarding the work under this Part-II component (before signing of agreement for this component of the work) through Demand Draft drawn on any Nationalized Bank/Certified Cheque from a Nationalized Bank or insurance surety bond or fixed deposit receipt or bank guarantee or online transaction in the account of NSCD or Uttarakhand Government or as per the directives issued.

Note: -

1. The money submitted/deducted towards Performance Guarantee (PG)/Security deposit under part-II component of the work(i.e. 10% of the annual tendered value for Part-II scope of the work as described above), shall be retained for entire period of the contract and shall be release after successful completion of the contract.
2. If the agency refuses to take up the work for Operation of the Museum under Part-II, a penalty equivalent to 10% of tendered value of part-II shall be recovered from the Security Deposit retained under Part-I at the discretion of the Centre.

C. For Part-III component of the work as per the BoQ attached as Annexure-L (4th and 5th year Annual Comprehensive Maintenance and Operation of the museum)

Applicable only if the competent authority of NSCD/Uttarakhand Government or as the case may be, finds it suitable to award the work under Part-III (as per Annexure-L) after successful completion of Part-II(as per Annexure-K).

(first 3 years of AMC are included in the on-site comprehensive warranty with this NIT under Part-I scope)

Retention money will be as below:

- (i) Performance Guarantee: **10% of the average annual tendered value/ award of the work value of Part-III** to be deposited on awarding the work under this Part-III component (before signing of agreement for this component of the work) through Demand Draft drawn on any Nationalized Bank/Certified Cheque from a Nationalized Bank or insurance surety bond or fixed deposit receipt or bank guarantee or online transaction in the account of NSCD or Uttarakhand Government or as per the directives issued

Note: -

1. The money submitted/deducted towards Performance Guarantee (PG)/Security deposit under part-III component of the work(i.e. 10% of the annual tendered value/ award of the work value for Part-III scope of the work as described above), shall be retained for entire period of the contract and shall be release after successful completion of the contract.

3. **Period of submitting final bill:** 06 months from the date of virtual completion by the successful tenderer.

**BANK DETAILS OF NATIONAL SCIENCE CENTRE, DELHI FOR SUBMISSION OF
EMD / PERFORMANCE GUARANTEE**

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

TERMS AND CONDITIONS FOR PROVIDING SERVICES FOR ‘Setting up of “Kedar Parichay Museum” at Kedarnath Dham, Uttarakhand’:

Online e-tenders are invited for ‘Setting up of “Kedar Parichay Museum” at Kedarnath Dham, Uttarakhand’ in two Bid System, from competent and eligible agencies /consortiums **having experience in designing, curation and setting-up of museums which are object/artefact/artwork based at International/ National/ state level.**

1. The E-Tenderer should fulfill the following minimum eligibility criteria: -

The bidder should have past experience, technical and financial capabilities on the lines mentioned below:

- a) Accomplished and completed such /similar project of repute successfully as under during the last 5 years ending the date of publishing of this tender:
- Minimum one project of Rs. 9.5Crore or
 - Two projects of Rs. 6 Crore or
 - Three projects of Rs. 5.0 Crore
- (In case of consortium/JV, work experience of either of the Partners or combined work experience will be considered)

Note:

1. “Similar work” shall mean **design and execution of museums and cultural spaces having artistic and object/artefact-oriented displays**, which involve **combination of the following elements**:
 - Thematic interior works for museums, science centres, cultural galleries, or interpretation centres.
 - Execution of commissioned artistic works for public institutions or cultural spaces.
 - Development and integration of interactive digital experiences, multimedia displays, or projection-based storytelling etc.
 - Fabrication and installation of FRP-based models, murals, sculptures etc.
 - **Content development, script writing, and curatorial design** for interpretive storytelling in cultural or religious contexts.
 - End-to-end execution of exhibit spaces including **fabrication, mounting, lighting, AV integration**, and environmental controls.
2. Out of these above works that qualify for eligibility, the agency **MUST HAVE** executed at least one work for the Government of India/State Government/any PSU)

(Fill and submit Annexure-E)

- b) **Technical Expertise:** In view of the specialized and multidisciplinary nature of work involved in the creation and execution of galleries for the Kedar Parichay Museum at Kedarnath, bidders must demonstrate availability of qualified and experienced technical personnel across relevant domains on their rolls or submit consent from the experts regarding their commitment to this project during its tenure. The scope of work includes commissioned sculptural works, artistic painting, digital and multimedia integration, FRP applications, thematic interior execution, exhibit cabinet fabrication, content development, curatorial designing, creative lighting and associated fixing and testing.

Accordingly, the bidder shall ensure deployment of the following **domain-specific experts**:

Sl. No.	Area of Expertise	Minimum Requirement
1	Artist – Traditional Stone Sculptors	At least one senior sculptor with minimum 10 years' experience in traditional sculpting with proven record.
2	Artist - paintings	Well recognized painting artists for replicating paintings in required sizes.
3	FRP Artists &/or Sculptors	Skilled & experienced fiberglass artists/sculptors in executing FRP wall panels, murals, or relief structures, etc.
4	Audio-Visual & Digital Experts	At least one multimedia designer/engineer with experience in digital exhibits, AR/VR, projections, or multimedia kiosks etc.
5	Interiors & Thematic Space Designer	Interior designer/architect with experience in museum interior environments for designing and execution.
6	Curation, Script & label writing	Museum content expert or curator with experience in storyline development, text panels, and exhibit design.
7	Project Manager	To execute the work at site and coordination among all stakeholder

Documentation Required:

- CVs, credentials, and work portfolios of the proposed personnel.
- Experience certificates or completion reports of cited similar works.

Note:

Bidders failing to provide sufficient evidence of required technical expertise are liable to be **technically disqualified** during the evaluation process. In case of consortium/JV, technical expertise of any or all of the Partners in their individual capacities only will be considered. Works of any agency/partner done in JV/consortium with other agency/ies will not be considered.

(Fill and submit Annexure-F)

- c) Intending agency should be an independent legal entity, registered under the applicable Act for running business of similar nature. The bidder/lead partner of Consortium of allied professionals / organization / Firm/Company should have with proven experience in museum / permanent exhibition development. **(Fill and submit Annexure-A)**
- d) Financial soundness - The applicant should have:
1. PAN & GST registration (proof to be submitted)
 2. Should have a minimum average financial turnover of Rs. 10 Crore in any three years in last 7 financial years (in case of consortium/JV, turnover of Lead Partner ONLY will be considered)

(Fill and submit Annexure-G)

- e) The firm/ agency/ members or partners of JV or Consortium should never have been blacklisted by any of the National/ state Govt. organization and no criminal case should be pending against the firm/ agency. **An affidavit is required to be submitted to this effect.** If the information provided is found to be false at a later date, necessary penal action shall be taken at the risk and cost of the agency. **(Fill and submit Annexure-H)**
- f) **Experience in Similar Atmospheric/Geographical Conditions:**
The bidding agency should preferably have experience in executing projects in high altitude hilly regions or have collaboration with the agencies who have worked in such areas. Details of collaborations/works executed in high altitude terrains to be submitted on the agency's letterhead.
(Fill and submit Annexure-J)

2. **Place of Work and Geographical Conditions:**

Place of Work: The place of work for the **Museum** is located in **Kedarnath Dham**, District Rudraprayag, Uttarakhand. The work includes the detailed designing (based on the DPR), development, fabrication, installation and setting-up of **Kedar Parichay Museum** with commissioned artworks, digital installations, and interiors as per the designs and DPR provided with this tender.

Geographical and Environmental Conditions:

- **Altitude:** Approx. **11,750 feet (3,583 meters)** above MSL.
- **Accessibility:** The site is accessible either by **helicopter services** (seasonal and weather-permitting) or via a **steep 16 km uphill trek** from Gaurikund. No motorable road connects directly to Kedarnath Dham from Gaurikund.
- **Climatic Conditions:** The area experiences **extreme cold, snowfall, winds**, frequent rainfall and **oxygen-deficient atmosphere**.
- **Logistical Challenges:** Movement of materials, equipment, and personnel is constrained due to **manual transport (porters, mules)** and **helicopter ferrying**, subject to local administrative and weather-related regulations.

Associated Hardship:

- Harsh working conditions due to **altitude sickness, low temperatures, and unpredictable weather patterns**.
- Restricted working season (typically May to October will be available for working and other period is usually considered as snow period), requiring meticulous planning and efficient execution.
- Limited availability of power supply, and accommodation facilities.
- Requirement for advance coordination with **local administration, Disaster Management Authority** for site access, permissions, and working protocols.

Note: Bidders are expected to physically inspect the site before quoting and ensure readiness to execute the work in such terrain and environmental conditions. Costs associated with project execution based on site specific requirements may also be considered while submitting financial quotes.

3. **Earnest Money Deposit** for the tender is **Rs. 40 lakhs (Rupees Forty Lakhs 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 New Delhi. Alternately, 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 effected 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. The bidders registered with National Small Scale Industries Corporation (NSIC)/ MSME for the Tendered item under single point registration scheme and desirous of claiming exemptions available to such units on EMD, should submit a copy of each of their valid NSIC/ MSME certificate.

Bidders claiming exemption of EMD under this rule (170 of GFR) are however required to submit a signed Bid securing declaration as per format given in **Annexure – C**.

The EMD will be forfeited on account of one or more of the following reasons:

- a) Bidder withdraws its bid during the validity period specified in the Tender document after opening of technical bids
- b) Bidder does not respond to requests for clarification of its bid.
- c) Bidder fails to provide required information during the evaluation process or is found to be non-responsive.
- d) In case the successful bidder fails to sign the contract in time; or furnish Performance Guarantee in time.

4. Detailed Scope of Work

The scope of work for this tender is attached at Annexure-I of this NIT. This should be read along detailed references, specifications etc. given from Annexure-II to Annexure-IX & Annexure-K(BoQ) & Annexure-L(rate Only) of this NIT.

5. Before submitting the E-Tender, the E-Tenderer must assess the mandatory commitment, quantum and nature of work involved in execution of work/rendering the required services and deliverables for the project as per scope of work defined.

6. Bid Submission Details

The e-Tenders are invited under **two electronic envelopes system**. The bidder shall submit **TECHNICAL BID ENVELOPE** and **FINANCIAL BID ENVELOPE** simultaneously. **These envelopes shall contain the following documents:**

A. TECHNICAL BID ENVELOPE shall contain the following documents:

- i. **Digitally signed e-Tender document** (along with addenda/ corrigendum, if any issued to the technical bid document) should be submitted in pdf format.
- ii. **Annexure-A:** supported by Detailed information in respect of the bidder is to be provided, Scanned copy of Enlistment Order/Registration certificate with appropriate authority in PDF format. In case of JV/Consortium, a copy of the deed to be added. **Attach Scanned copies of PAN Card, GSTIN Certificate, EPF registration certificate, ESI registration certificate, Professional Tax Registration certificate (wherever applicable) etc.**

- iii. **Annexure-B:** Scanned copy of **Declarations** and **Undertaking** duly signed with and affixing Tenderer's/Bidder's seal in PDF format.
- iv. Scanned copy of details depicting deposition of EMD as per clause 3 of terms and conditions. **Or Annexure-C:** Bid Security Declaration should be submitted if opted for EMD exemption as applicable as per this NIT.
- v. **Annexure-D:** Checklist for the tenderer
- vi. **Annexure-E:** supported with Scanned copies of EXPERIENCE CERTIFICATES/ CONTRACT EXECUTION CERTIFICATE along with **Work Order/Letter of Intent** issued by Govt./Semi-Govt./Autonomous/PSUs etc. as per the clause 1(a) of Terms and Conditions in PDF format.
- vii. **Annexure-F:** supported with requisite details of technical expertise along with the consent letters from them to the effect that they remain associated with the project till its completion.
- viii. **Annexure G: Statement of Financial Turnover** issued by the Chartered Accountant for last 7 years supported with Income Tax Returns and audited Balance Sheet and Profit & Loss accounts for last five years **in PDF format**.
- ix. **Annexure-H:** Affidavit regarding non-blacklisting and no criminal case
- x. **Annexure-J:** Experience in similar weather conditions

B. FINANCIAL BID ENVELOPE shall contain the following documents:

- i. **Rate Quote Sheet** in .XLS format and to be submitted online (Ref. document is available at **Annexure – K**).
- ii. **Rate Only Quote:** Agency needs to Quote 'Rate Only' in this document named 'Rate Only for 4th and 5th year Comprehensive Annual Maintenance and Operation of the Museum' and to be converted in .PDF format and to be submitted online in Financial Bid Envelope.

7. Evaluation Methodology (EVALUATION OF THE BIDS):

The submitted bids will be evaluated in two stages:

- 1. Stage 1 – General cum Technical Bid Evaluation and
- 2. Stage 2 – Financial Bid Evaluation.

1. Stage-1: General cum Technical Bid Evaluation

The technical bids will be evaluated first to ascertain the fulfilment of eligibility criteria, including the technical presentation by the agencies who submit their valid bids with all necessary documents as per NIT within the due date fulfilling the eligibility criteria. (Agencies who submit valid bids, will be invited officially through e-mail to make a presentation before the Technical Evaluation Committee (TEC)). The TEC will evaluate the submitted bid documents along with the presentations and award the marks based on the weightage criteria defined in the following table:

Sl. No.	Parameter	Criteria	Sub Marks	Max. Marks	Marks Obtained
				100	
01.	Work Experience as per clause 1 (a) (minimum marking in this section will be 6 marks) (Total Max. marks- 10)	Minimum Eligibility + 01 mark for each additional work of 5.0 cr. value or above subject to 10 marks maximum	6	10	
02.	Financial Soundness: (minimum marking in this section will be 10 marks) (Total Max. Marks- 15)	Turnover of Rs.10 – 15 Cr. (including 10) Turnover of above 15.00 crore up to 20 Cr. Turnover more than 20 Cr.	10 12.50 15	15	
03.	Net Worth (Total Max. marks- 05)	3-4 cr. Above 4.0 cr.	3 5	05	
04.	Technical expertise (Inhouse / collaborated) having 8-10 years' experience. (Marks will be allocated based on their earlier work quality by the TEC) (Total Max. Marks- 15)	Artist – Traditional Stone Sculptors Artist - paintings FRP Artists &/or Sculptors Audio-Visual & Digital Experts Curation, Script & label writing Interiors & Thematic Space Designer & Project Manager	2 3 3 2 3 2	15	
05.	Technical presentation before the Technical Evaluation Committee (Total Max Marks- 55)	Understanding of Project Objectives and Site Conditions Execution Strategy & Methodology Quality of the previous works executed with reference to the current requirements (AV content, display workmanship etc.) Integration of Digital, FRP, Artistic, and Interior Elements Innovation / Value Additions (Keeping the theme and tone of the museum planned)	15 10 15 5 10	55	

Financial bids of only those bidders shall be opened who obtain a **minimum qualifying score of 75%** of total marks allotted for technical evaluation. **No weightage of technical evaluation score shall be given in the evaluation of the financial bid.**

2. Stage-2: Evaluation of Financial Bid

- The Financial Bids of the technically qualified bidders will be opened online through CPP Portal, which will be submitted in .XLS format. **The acceptable composite lowest quote (Grand quoted value of Part-I and part-II) will be considered for financial bid evaluation. However, initial order will be placed only for Part-I.**
 - Agency's quoted 'Rate Only' in document named 'Rate Only for 4th and 5th year Comprehensive Annual Maintenance and Operation of the Museum' (*reference document attached as Annexure-L*) will not be considered for Financial Bid Evaluation, however rate quoted by bidder will be valid and work under this scope may be awarded after completion of scope under Part-I & Part-II (as per Annexure-K of NIT) at the discretion of NSCD/ Uttarakhand Government.
8. Successful E-Tenderer shall be required to enter into an agreement with the Centre, governing the terms and conditions of the tender on non-judicial stamp paper of Rs. 100/- as per the proforma enclosed.
9. The term 'Centre' wherever mentioned in the N.I.T. shall mean the authorities of National Science Centre, Delhi.
10. **Time of Completion:** Time is the essence of the contract. Time allotted for completion of the entire work under the scope of this tender is **240 days** from the date of issue of Award of Contract.
11. **Liquidated Damages:** The work needs to be proceeded with due diligence. In the event of work not completed within the specified time including extension of time granted, if any), liquidated damages will be levied on the contract value of awarded work. The LD charges shall be 1% per week of the total cost of the work awarded subject to a maximum of 10% of gross value of work done or cost of the work awarded whichever is greater.
12. The agency shall ensure that all statutory wages and allied benefits like P.F., Bonus, ESIC etc., as are prescribed by the Government from time to time, are paid to their staff deployed for the purpose of this contract. They shall remain liable to the authorities concerned for compliance of the respective existing rules and regulations of the Govt. for this purpose and shall also remain liable for any contravention thereof. The agency shall have to abide by the Minimum Wage Legislations and must pay Minimum Wages, as per law, to their staff/personnel deployed at any time by them for the purpose of this contract.
13. **Letter of Intent (LOI)**
The successful bidder/ agency, who will be issued Letter of Intent (LOI), shall submit the following documents within 15 days from the date of award of LOI:
- i. Duplicate copy of the LOI/award letter duly signed and sealed by the tenderer as a token of acceptance.
 - ii. Original copy of Agreement governing the terms and conditions of the Contract on non-judicial stamp paper of Rs 100.00 value.
 - iii. Copy for validation for Deposition of Performance Guarantee as per NIT

Failing which the LOI for award of work is liable to be cancelled and EMD/Performance Security forfeited or as per the directives of the competent authority.

14. The agency shall be fully responsible for providing all materials, manpower, equipment, and logistical support necessary for the successful execution of the Kedar Parichay Museum work at Kedarnath. This includes supplying all required materials, tools & tackles, engaging adequate skilled manpower, highly skilled artists, digital content developers, interior specialists, engineers, and support staff etc. to complete the project with best quality. It shall also ensure the safety of the site. The agency shall be responsible for making all logistic arrangements such as accommodation, meals, heating (considering climatic conditions), safety gear, and transportation to and from the work site shall be made by the agency, including provision of health and accidental insurance for all personnel for the staff deployed by them at site. The agency shall coordinate regularly with the designated knowledge partner (e.g., Indian Institute of Heritage) and incorporate feedback into the execution after intimating the same to the Centre. The agency must facilitate inspection of the work by officials of NSCD, Ministry of Culture, or their designated representatives as and when required. All costs towards engaging subject-specific consultants, content writers, curators, digital specialists, or other experts shall be borne by the agency. Additionally, it must ensure availability of temporary electricity, water, generator, lighting, workstations (both on-site and off-site), and other essential infrastructure. All incidental and associated expenses required to achieve the intended quality and timely completion of the work shall also be under the scope and responsibility of the agency.
15. The date of commencement of work shall be the date of Award of Contract.
16. The validity period of the e-tender shall be at least 6 (six) months from the date of opening of bids. This period may be extended with mutual consent if the decision regarding issue of Letter of Intent is delayed for any unforeseen reason.
- 17. SCOPE OF THE CONTRACT**
- The successful e-tenderer shall carry out and complete the works in every respect in accordance with this contract, scope of work and as per approved designs to the satisfaction of the authorities of the Museum/Centre. The Centre may from time to time issue further written instructions, detailed directions in regard to:
- a) modification of the design, quality or quantity of works
 - b) Any discrepancy in the designs owing to site conditions or between the schedule of quantities and/or drawing and/or specifications.
 - c) removal of all unused/excess material brought therein by the successful e-tenderer to the site.
 - d) The removal and/or re-execution of any works executed by the successful e-tenderer.
 - e) The opening up for inspection of any work covered up.
 - f) The amending and making good of any defects.
 - g) Liaison with the knowledge partner (Indian Institute of Heritage) for vetting of the labels, content etc. prepared for the Museum.
- The successful e-tenderer shall comply with the instructions and execute work.
- 18. INSPECTION OF SITE**
- The e-tenderer may visit site before giving e-tender and must get acquainted with the working conditions.
 - The e-tenderer shall examine all specifications, e-tender conditions and drawings before e-tendering for the works, if any.
 - The e-tenderer shall obtain all information relating to local regulations, bye-laws, application of any and all laws relating to his work or profession. No additional claims shall be admissible on this account.

19. ON-SITE ARRANGEMENTS

The successful e-tenderer shall arrange at their own cost supply of water and electric power, temporary storage space, accommodation, food, heating arrangements, scaffoldings, shuttering, moulds, cordoning of work spaces etc. at site as required by them for the execution of the work.

20. FAULTY MATERIALS AND WORK

The successful e-tenderer is required to use specified make and quality materials for the work executed by them at all times. Any sub-standard materials brought site shall be replaced immediately at their own cost (even if they are already used) as per the instructions of the authorised representative of the Centre. The materials and techniques used for executing the works should be able to withstand the harsh weather conditions and temperature fluctuations. Hence, using best quality materials becomes necessary. Faulty materials / processes/works should be promptly rectified as and when it is brought to the notice of the agency.

21. ACCESS

The Museum/Centre or its representatives shall at all reasonable time have free access to the works and/or to the workshops or factories or other places where materials are being prepared or constructed for the contract and also to any place where materials are lying or from which they are being obtained and the Successful e-tenderer shall facilitate inspection, examination and testing of the materials and workmanship. Except the representative of Public Authorities and those mentioned above, no person shall be allowed on the works at any time without the prior written permission of Museum/Centre.

22. DEFECT LIABILITY PERIOD AND DEFECTS AFTER COMPLETION

Defect Liability Period shall be **3 years** from the date of virtual completion of work, as certified by the Museum/Centre. Any defect, shrinkage or other faults, which may arise within the defect liability period shall be repaired at his own cost upon intimation in writing and within such reasonable time as shall be specified therein. In case of default, the Museum/Centre may engage any agency/person to make good such defect/s and expenses consequent thereon or incidental thereto shall be made good and deducted from any money due or that may become due to the Successful e-tenderer or retention money.

23. SITE CLEARANCE AND CLEAN UP

The Successful e-tenderer shall, from time to time clear away all debris and excess materials accumulated at the site. After completion of the entire work to the satisfaction of the authorities of the Centre, they shall clean up the same and remove all plaster, paints, stains, stickers and other foreign matter of discoloration leaving it in ready to use condition.

On completion of all works, they shall demolish all temporary storages put up by them, remove all surplus materials and leave the site in a broom clean condition.

24. RATES

The rates quoted by the Successful e-tenderer shall be paid at net rates. The agency should include in their costs & allowance for increase or decrease in the prices of input materials due to market fluctuation. Any increase or decrease in statutory taxes like GST, Income tax, labour cess etc., which are controlled by Government and the agency has no control, shall be paid/deducted at actuals at the time of billing. Accepted e-tender rates shall not be changed due to changes in wages of labour either.

25. QUANTITIES

All the quantities given in schedule of quantities are provisional.

The e-tenderers shall be deemed to have given Balanced Rates for each item, irrespective of the quantities given. Also irrespective of variation in quantities to any extent the e-tenderer shall be paid at accepted contract rates only. Museum/Centre reserves the right to increase or decrease quantities to any extent.

26. RETENTION OF MONEY (read this along with Appendix to NIT clause 2)

This shall mean and be 10% of the total gross value of the work as paid for against this contract including the performance guarantee and the amount which shall be recovered from the running bills. In case of termination of contract, this retention money shall be forfeited and amount necessary to make up this amount shall be recovered from the money due to the successful tenderer under this contract, or any other contract. The successful tenderer can give retention money in the form of a Bank Guarantee from a Nationalised Bank in approved format to the extent of 10% of the total cost of work awarded valid for a period equal to completion period plus 3 years (which will have to be suitably extended to cover defect liability period and extended period of contract whichever is later). Tenderers who have deposited earnest money/ performance guarantee in Bank Draft along with the tender could get refund of earnest money deposited in cheque or Bank Draft or via bank transfer after the Bank Guarantee for the 10% of the total cost is received and accepted by the Museum/Centre. The retention money in the form of Bank Guarantee will not be accepted in parts.

The successful tenderer shall have to extend the Bank Guarantee period, from time to time at least three weeks before the expiry of a Bank Guarantee to cover the defects liability period, reckoned from the date of virtual completion. In case they fail to extend the Bank Guarantee at least three weeks before its expiry, it shall be considered a breach of contract on the part of the successful tenderer and hence, the Museum/Centre shall be free to demand or encash the Guarantee money from the Bank. The retention money will be refunded to the successful tenderer after successful completion of defect liability period as per **Appendix to NIT** or from the date of passing of final bill, whichever is later and after the successful tenderer has rectified all the defects pointed out to him.

Note: - EMD and Performance Guarantee deposited in other modes than online transfer, has to be drawn or duly pledged in favour of National Science Centre, Delhi.

27. DEVIATIONS

Bids submitted with any deviations to the contents of the Tender Document will be considered as non-responsive. No deviation(s) / assumption(s) / recommendation(s) shall be allowed with the bid. Bidders must ensure that pre-bid meeting is attended by their authorized representatives so that all clarifications and assumptions are resolved before bid submission.

The successful e-tenderer may when authorize and when directed, in writing with the approval of the Museum/Centre add or omit or vary the works shown upon the drawings, or described in the specifications, or included the bill of quantities, but they shall make no addition, omission or variation without such authorization or direction.

- 28. Certification of Bills:** The items of works executed, as per the BoQ, shall be raised through an interim bill and the same shall be verified by the duly constituted committee and based on the recommendation of the committee, payments will be released to the agency towards interim payments. Once the project is completed in all respects, the final bill shall be raised with executed quantities by the agency which will be verified by the committee and certified for completion based on which final payment will be released after adjusting the interim payments, deducting the performance security amounts, deducting the mandatory taxes applicable.

29. PAYMENT TERMS

No advance payment will be made under any circumstances. Payment shall be released based on the progress of work done at site and actual measurement at the site.

Payment to the successful bidder shall be released as per actual work carried out. The bidder shall submit Bills along with complete measurement sheets and report based on joint measurement and inspection done by the agency along with authorized representative of the Centre/ Museum.

Minimum value of work for interim certificate shall be 15% of the award value (or less at discretion of the Museum/Centre) but not more than one running bill, in a month. Centre shall release payment within 30 days of receipt of bill submitted duly certified for the work executed.

The Final Bill will be based on the actual measurement of works/items executed at site duly measured and certified jointly by official/s of the Centre and the Successful Bidder or his/her authorized representative/s. Final payment shall be released within 6 months from the date of submission of bills duly certified by the authorized representative of the Centre.

The Centre reserves the right to deduct a portion of the agreed payment of the successful Bidder, in case of any deficiency in the services rendered.

30. EXTENSION OF TIME

If the successful e-tenderer shall desire an extension of time for completion of the work on the grounds of his having been unavoidably hindered in its execution and for reasons not attributable to him, extension may be accorded at the discretion of the Centre.

31. EXECUTION OF WORK AT SITE

The work at site must be executed with due diligence and with utmost priority as the working window at the site would be very valuable. In case of any hindrance to the work or necessity for suspension of work at site for conditions that are beyond the control of the agency, the same shall be brought to the knowledge of the authorities of the Centre in writing for necessary decision and directions.

32. DETERMINATION OF CONTRACT BY THE MUSEUM/CENTRE

The Centre reserves the right to determine the contract, in case of inordinate delay in execution of the work by the agency for reasons not justified or the agency stops work at site for whatsoever reason, after getting fully satisfied that the agency is no longer interested in executing the work and get the work executed by engaging any other agency at the risk and cost of the successful bidder.

33. TERMINATION OF CONTRACT BY SUCCESSFUL E-TENDERER

In case the works remains suspended / the successful e-tenderer is not allowed to execute the work beyond 120 days (excluding the snow period), the successful e-tenderer shall have right to terminate the contract by giving a notice of 30 days. In such case, the bidder shall be entitled to recover from the Museum/Centre payment for all works executed and for useful materials (but not plants) purchased for the purpose of the contract and is brought to the site.

34. LABOUR WAGES AND REGULATIONS

1. Notwithstanding anything contained in the conditions of this contract, the Successful e-tenderer shall comply with the provision of the contract labour (Regulation & Abolition) Act 1970 and various rules framed thereunder by the Central Govt. / concerned State Government in

respect of all labourers directly or indirectly employed by the Successful e-tenderer in the project through labour contracts or otherwise, the Successful e-tenderer shall be considered as "Principal Employer". The agency shall make all payments to the personnel deployed by them at the minimum wages,

2. The successful e-tenderer shall indemnify the Museum / Centre against all claims which may be made under the Minimum Wages Act, 1948, Abolition of Child Labour Act, 1986, Provident Fund Act, 1952, ESI Act 1948, Payment of Bonus Act 1965, Industrial Dispute Act 1947, Payment of Gratuity Act 1972, Payment of Wages Act, 1936 or any statutory modification thereof or Rules there-under or otherwise for in respect of any damage or compensation arising in-consequence of any dispute under these Acts.

3. The tenderer shall ensure that the personnel deployed by him at the work site for executing the works under this contract must adhere and follow the all the safely norms. For any violation/contravention on safety aspects, liquidated damage to the extent the Museum/Centre suffer loss will be recovered from the successful e-tenderer's R.A./Final Bill(s) or/and the Security money besides the lawful action to be taken against the successful e-tenderer.

35. ARBITRATION

Except where otherwise provided in the contract all questions and disputes relating to the meaning of the specifications, design, drawing, and instructions hereinbefore mentioned and so to any question, claim right, matter or thing whatsoever, in any way arising out of or relating to the contract, designs, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning the works, or the execution of the same whether arising during the progress of the work or after the completion or abandonment thereof but excluding disputes on material and workmanship shall be referred to the sole arbitration of a person nominated by the Director General, National Council of Science Museums and if the former is unable or unwilling to act to the sole arbitration, of some other person appointed by the Director General, NCSM willing to act as such arbitrator. The submission shall be deemed to be submission to Arbitration under the meaning of the Arbitration & Reconciliation Act, 1996 or any statutory modification or re-enactment thereof for the time being in force. The award of arbitrator so appointed shall be final, conclusive and binding on all parties to this contract.

- a) It is agreed that the Successful e-tenderer shall not delay the carrying out of the work by reasons of any reference to arbitration and shall proceed with the work with all due diligence and shall, until the decision of arbitration, abide by the decision of the Engineer duly conveyed to him.
- b) The Arbitrator(s) may from time to time with the consent of the parties, extend the time for making and publishing the award.

36. OTHER PERSONS ENGAGED BY MUSEUM/CENTRE

The Museum/Centre reserves the right to use the premises and any portion of the site for the execution of any work not included in this contract and the successful e-tenderer shall allow all reasonable facilities for the execution of such work.

37. INSURANCE OF PERSONNEL

The Successful e-tenderer shall be responsible for all injury to persons, animals or things and for all damages to property, structural and decorative, whether such injury or damage arise from carelessness or accident or in any way connected therewith. The Successful e-tenderer indemnifies the Museum/Centre and holds the Centre harmless in respect of all expenses arising from such injury or damage to persons or property aforesaid and also in respect of any claim made in respect of injury or damages consequent upon such claim.

- a) The Successful e-tenderer also indemnifies the Museum/Centre against all claim which may be made upon the Museum/Centre during the currency of this contract by any employee or representative of an Employee of the agency, or any sub-agency, employed by him, for any injury to or loss of life or such employees, or for compensation payable under any law for the time being in force to any workman or to the representative of any deceased or incapacitated workmen.
- b) The Successful e-tenderer also indemnifies the Museum/Centre in respect of any costs, charges and/or expenses, including legal costs as between Solicitor and client, occurring out of any award of compensation and/or damages consequent upon such claims.
- c) The Museum/Centre shall be at liberty and is hereby empowered to deduct the amount of any damages, compensation cost, charges and/or expenses arising or ascertaining from or in respect of any such claim and/or damages as aforesaid from any sum, or sums due to, or become due to the Successful e-tenderer.

The agency shall take necessary/ appropriate insurance etc. to cover the above aspects.

38. FORCE MAJEURE

In the event of either party being rendered made by Force Majeure to perform any obligation required to be performed by them under the contract, the relative obligation of the party affected by such Force Majeure shall be suspended for the period during which such cause lasts. The term "Force Majeure" as employed herein shall mean acts of God, War, Civil Riots, hostilities, revolt, strikes, lockouts, epidemics, explosion, flood, earthquake, Fire directly affecting the performance of the contract, Flood and Acts and because of any law & other proclamation, regulation or ordinance of any Govt. or any other cause beyond the control of the two parties namely the M/s (successful e-tenderer) and NCSM, which could not have been foreseen or avoided by the exercise of due diligence. Upon the occurrence of such cause and upon its termination, the party alleging that it has been rendered unable as aforesaid thereby, shall notify the other party in writing, the beginning of the causes amounting to Force Majeure as also the ending of the said clause by giving notice to the other party within 72 (Seventy-two) hours of the alleged beginning and ending of the cause respectively. If performance under this agreement is suspended by Force Majeure conditions lasting for more than two months, either party shall have the option of cancelling this agreement in whole or part at its discretion without any liability on its part. Time for performance of the relative obligation suspended by Force Majeure shall stand extended by period for which such cause lasts.

FORMAT FOR BANK GUARANTEE BOND

(For EMD only)

1. In consideration of the (Name and address of the Museum/Centre) hereinafter called the Museum/Centre having stipulated under clause 16 of the Notice Inviting E-tender No. for the work of (mention name of work as in NIT) at the aforesaid site agreed to accept payment of Earnest Money for due fulfillment of the terms and conditions contained in the said NIT (including appendix) for participation in the e-tender from (Name and address of the prospective e-tenderer) (hereinafter called the prospective e-tenderer) by production of a bank guarantee of (Mention amount of EMD in figure & words) only, we (Name and address of Bank furnishing guarantee (Br. Code)) (hereinafter referred to as "The Bank") do hereby undertake to pay to the Museum/Centre an amount not exceeding (mention EMD amount in figure & Words) only against any loss or damage caused to or suffered or would be caused to or suffered by the Museum/Centre by reasons of any breach by the said prospective e-tenderer of any of the terms or conditions contained in the said NIT (including appendix) relating to participation in the e-tender.

2. We, (Name of Bank), do hereby undertake to pay the amounts due and payable under this guarantee without any demur, merely on a demand from the Museum/Centre stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the Museum/Centre under National Council of Science Museums by reasons of any breach by the said prospective e-tenderer of any of the terms or conditions contained in the said NIT (including appendix) or by reason of the prospective e-tenderer's failure to comply with conditions contained in the said NIT relating to participation in the e-tender. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the bank under this guarantee. However, our liability under this guarantee, shall be restricted to an amount not exceeding (mention amount of EMD in figures and words) only.

3. We, (Name of Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period as mentioned in Clauses 26 and 27 of the said NIT (including appendix) or the period stipulated under clause 28 for deciding the e-tender and that it shall continue to be enforceable till the dues of the Museum/Centre under or by virtue of the said NIT (including appendix) have been fully paid and its claims satisfied or discharged or the Museum/Centre certified that the terms and conditions of the said NIT (including appendix) have been fully and properly honoured and carried out by the said prospective e-tenderer for participation in the e-tender and accordingly discharges the guarantee. Unless a demand or claim under this guarantee is made on us in writing on or before the periods stipulated above, we shall be discharged from all liability under this guarantee thereafter.

4. We, (Name of the Bank) further agree with the Museum/Centre that they shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to extend time of deciding the e-tender as may be expedient and to forbear or enforce any of the terms and conditions relating to the NIT (including appendix) and we shall not be relieved from our liability by reason of any such extension being granted to the said proposed e-tenderer for any forbearance, or act of omission on the part of the Museum/Centre or any indulgence by the Museum/Centre to the said proposed e-tenderer or by any such matter or thing whatsoever which under the law relating to surety.

5. We, (Name of the Bank) lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Museum/Centre in writing.

Dated, the day of

For

(Authorised signatory of the Bank with Seal)

FORMAT FOR BANK GUARANTEE BOND *
(For Performance Guarantee/Retention Money only)

1. In consideration of the
..... (hereinafter called “The Museum/Centre”)
having agreed to exempt

.....
(Hereinafter called the “successful e-tenderer’ from the demand, under Clause 16 of the Notice inviting E-tenderNo. dated and/or the terms and conditions of an Agreement dated Made between the Museum/Centre and successful e-tenderer(s) for(hereinafter called “the said agreement”) of Earnest Money/Retention Money for the due fulfillment by the said Contract(s) of the terms and conditions contained in the said NIT or the conditions of (execution of work) or the agreement on production of a bank guarantee of Rs.....(Rupees

..... only), We(hereinafter referred to as “The Bank”) do hereby undertake to pay to the Museum/Centre an amount not exceeding Rs..... against any loss or damage caused to or suffered or would be caused to or suffered by the Museum/Centre by reasons of any breach by the said successful e-tenderer of any of the terms or conditions contained in the said NIT, the conditions of Contract or the Agreement.

2. We, do hereby undertake to pay the amounts due and payable under this guarantee without any demur, merely on a demand from the Museum/Centre stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the Museum/Centre under National Council of Science Museums by reasons of any breach by the said successful e-tenderer of any of the terms or conditions contained in the said NIT or the conditions of contract or the Agreement or by reason of the successful e-tenderer’s failure to perform as per conditions contained the said NIT or the condition of contract or the Agreement. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However our liability under this guarantee shall be restricted to an amount not exceeding Rs.....

*Note:

(Bank guarantee bond towards Retention Money/Security deposit as defined under clause 32 of the General Conditions of contract at the time of signing of agreement on award of work acceptable only if furnished by any of the Nationalised Banks.)

3. We, further agree that the guarantee herein contained shall remain in full force and effect during the period as mentioned in Clause 26 & 27 of the said NIT read with clause 32 of the conditions of contract, or the period that would be taken for the performance of the said Agreement and that it shall

continue to be enforceable till the dues of the Museum/Centre under or by virtue of the said NIT or the conditions of contract or the Agreement have been fully paid and its claims satisfied or discharged or the Museum/Centre certified that the terms and conditions of the said NIT or the conditions of contract or the Agreement have been fully and properly honoured and carried out by said successful e-tenderer and accordingly discharges the guarantee.

Unless a demand or claim under this guarantee is made on us in writing on or before the

We shall be discharged from all liability under this guarantee thereafter.

4. We, further agree with the Museum/Centre that they shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said Agreement or to extend time of performance by the said successful e-tenderer from time to time or to postpone for any time or from time to time any of the powers exercisable by the Museum/Centre against the said successful e-tenderer and to forbear or enforce any of the terms and conditions relating to the said Agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said successful e-tenderer for any forbearance, or act of omission on the part of the Museum/Centre or any indulgence by the Museum/Centre to the said successful e-tenderer or by any such matter or thing whatsoever which under the law relating to surety.

5. We,lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Museum/Centre in writing.

Dated, the day of

For

(Authorised signatory of the Bank with seal)

FORMAT FOR ARTICLES OF AGREEMENT
INSTRUCTIONS (not to be typed in Agreement)

(Articles of Agreement have to be typed on non-judicial stamp paper. The value of the stamp paper varies from state to state and is to be known from the particular place. 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)

(under the 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)

trading in the name and style of

.....
(Name and complete address of the successful e-tenderer)

hereinafter referred to as the successful e-tenderer 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 (Including appendix), drawings, schedule of quantities and specifications describing the work and conditions of contract to be prepared by.....

.....
.....

(Name and address of the Architect).

AND WHEREAS the said NIT (including appendix) drawings as per list attached, specifications and the priced schedule of quantities and conditions of contract have been signed by or on behalf of the parties hereto. AND whereas the Successful e-tenderer has paid EMD / Performance Security in approved form a sum of Rupees

.....

(exact amount in words)

with the Museum Centre as Initial Security for the due performance of this Agreement as provided in the said conditions. In the case of Bank Guarantee, the period of Bank Guarantee referred to being valid until the defect liability period as specified in e-tender and to be revalidated to required dates as demanded by the Museum/Centre if completion date is extended.

NOW IT IS HEREBY AGREED AND DECLARED BY AND BETWEEN

THE PARTIES HERETO AGREES AS FOLLOWS:

1. In consideration of the payments to be made to the successful e-tenderer shall, upon and subject to the conditions herein contained, execute and complete the work within days from the date of issue of Award of Contract (as defined under NIT clauses 4.9 and 5 (v)) and as per the said drawings and such further detailed drawings as may be furnished to 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 e-tenderer 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, throughout the stipulated period of this contract, strictly according to the CPM/PERT/BAR CHART attached herewith and forming a part of this agreement. At any stage during execution, if any work lags behind the target as indicated in the CPM/PERT/BAR CHART for reasons directly attributable to the successful e-tenderer, he shall pay or allow the Museum/Centre to deduct from any money due to him a liquidated damage as per Clause 39 of 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 (As defined under clause 2 of General conditions of contract) 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 except as excluded under Clause 2 of General Conditions of contract appended herewith, arising out of or in connection with the contract on the carrying out of works (Whether during the progress of the work or after their completion and whether before or after the determination, abandonment or breach of the contract) shall be referred to arbitration as per Clause 44 of the said conditions of contract. 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.

6. The following documents will be part of this agreement for all purposes in connection with the execution of this contract:

- i. e-tender document along with all annexures etc. (NIT)
- ii. Schedule of the quantities
- iii. Drawing and notes thereon
- iv. PERT/ CPM Charts etc.
- v. Copies of correspondences exchanged / to be exchanged in future between the Museum/Centre/ Engineer and the successful e-tenderer.

In witness whereof the parties have set their respective hands the day and the year and the place hereinabove written.

Signed by for and on behalf of the Museum/Centre

(Administrative Officer)

In the presence of

1.

Seal (*Finance & Accounts Officer*)

2.

(Project Co-coordinator/Engineer)

Signed by the said Successful e-tenderer

In the presence of

(1)

Seal

(2)

Bidder's Information Sheet

Bidder's Information Sheet		
Bidder's legal name		
In case of Joint Venture / Consortium	Lead Partner	
	Other partners	
Bidder's Address in Delhi NCR		
Bidder's country of constitution		
Bidder's year of constitution		
Bidder's legal address in country of constitution		
Bidder's authorized representative (Name, address, telephone numbers, fax numbers, e-mail address)		
Attached are copies of the following original documents. 1. In case of single entity, articles of incorporation or constitution of the legal entity named above. 2. Authorization to represent the firm or JV named in above. 3. In case of JV, letter of intent to form JV or JV agreement. 4. In case of a government-owned entity, any additional documents not covered under 1 above required.		

(Signature of the tenderer/ bidders/JV Partners)

with company seal/rubber stamp

ANNEXURE – B

(Format for Declarations & Undertaking to be typed on bidder agency's letter head and to be submitted in Part –I (TECHNICAL ENVELOPE) of the e-tender document)

DECLARATION -1

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.

Date:

(Signature of the tenderer)

Place:

with company seal/rubber stamp

DECLARATION -2

I/We hereby declare that I/we have not quoted any extra condition along with the Part-II (FINANCIAL ENVELOPE) of the e-tender.

Date:

(Signature of the tenderer)

Place:

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 also undertake that the physical EMD instrument shall be deposited by me/us with the office of NATIONAL SCIENCE CENTRE, DELHI inviting the e-tender before the bid opening date otherwise the NATIONAL SCIENCE CENTRE, DELHI inviting the e-tender may reject the bid and also take action to withdraw my/our enlistment or debar me/us from further tendering in NCSM or its constituent units.

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.

Date:

Place:

(Signature of the tenderer/ bidder)

With company seal/rubber stamp

National Science Centre
Near gate No. 4, Pragati Maidan
Bhairon Marg, New Delhi – 110001
(A c unit of National Council of Science Museums)

Bid Securing Declaration Form

Date -----

Tender No.

I/We. The undersigned, declare that:

I/We undersigned that, according to your conditions, bids must be supported by a Bid Securing Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with you for a period of one year from date of notification if I am/We are in a breach of any obligation under the bid conditions, 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 instructions to bidders.

I/We undersigned 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.

Signed :

(insert signature of person whose name and capacity are shown)

In the capacity of:

(insert legal capacity of person signing the Bid Securing Declaration)

Name:

(insert complete name of person signing he Bid Securing Declaration)

Duly authorized to sign the bid for an on behalf of (insert complete name of Bidder)

Dated on-----day of ----- (insert date of signing)

Corporate Seal (where appropriate)

CHECK LIST for the Tenderer

(to be signed, stamped and digitally uploaded in the technical bid cover (envelope -1))

Sl. No	Nomenclature	YES/NO
1.	Whether the Tender documents have been completely read, understood and accepted	
2.	Whether soft copy of EMD submission document has been uploaded in the technical Bid cover (Envelope -1).	
4.	Whether all the declarations and undertakings have been duly filled, signed with official stamp and digitally uploaded in the technical Bid cover (Envelope - 1).	
5.	Whether the scanned copies of documents in support of eligibility criteria as per NIT have been uploaded in the technical Bid cover (Envelope -1).	
6.	Whether the NIT along with all its annexures, General Terms & Conditions etc. has been digitally signed and uploaded in the technical Bid cover (Envelope -1).as a token of acceptance.	
7.	Whether the RATE QUOTE SHEET has been duly filled up as per the format given and uploaded in Digitally in the Financial Bid Cover (Envelope-2) .	
8.	Whether the tenderer have visited the work site (or) understood the site conditions clearly and conducted market survey before quoting the rate and understand the nature/scope of work and condition of the site.	
10.	Whether the tenderer has understood that the rates quoted will be considered inclusive of all materials, wastage, labour, transportation, carriage, shifting charges, GST, other taxes & duties, all incidental charges, logistics etc. required for this job and no additional payment shall be made for this purpose other than quoted rate.	
11.	Whether the tenderer agrees that all the materials to be used for this work should strictly be as per the specifications prescribed in the tender and of approved make.	
12.	Whether the tenderer understood that the work has to be carried out following all safety and precautionary measure as prescribed under safety norms and all statutory provisions have to be complied by the tenderer to this effect.	
13.	Whether the tenderer understood that work has be carried out following all rules and regulations under minimum wages act of both the Central and State Govt. and all statutory provisions under the same have to be complied by the tenderer.	
14.	Whether the tenderer has gone through the scope of work attached with the tender NIT and have understood the nature of work and type of work to be executed before quoting their rates.	
15.	Whether the tenderer have understood that the time is the essence of this contract and he agrees to complete the work well within the stipulated time as prescribed in the tender document.	

Signature of the tenderer/ bidder) with
company seal/rubber stamp

Work Experience

In order to fulfill the criteria under Clause 1 (a) of NIT, bidders must give detail of Experience accomplished and completed successfully as under during the last 5 years ending the date of publishing of this tender:

- i. Minimum one project of Rs. 9.50 Cr. or
- ii. Minimum Two projects of Rs. 06.00 Cr. or
- iii. Minimum Three projects of Rs. 05.00 Cr.

Each Bidder or Lead Partner of JV must fill in this form

Sl. No.	Name of the work/project	Start	Finish	Name of Employer/ Organization which placed order	Description of work executed by bidder	Value of work executed	Remarks

Note: Attach copies of certificates of completion for the projects listed above

(Signature of the tenderer/ bidders/JV Partners)
with company seal/rubber stamp

Declaration of Technical Expertise and Key Personnel Details

(To be submitted on Agency’s Letterhead and duly signed)

1. Summary of Domain Experts Proposed for the Project

Sl. No.	Area of Expertise	Name of Expert	Qualification	Years of Experience	Relevant Project Details	CV Enclosed (Yes/No)
1.	Artist – Traditional Stone Sculptors					
2.	Artist - paintings					
3.	FRP Artists &/or Sculptors					
4.	Audio-Visual & Digital Experts					
5.	Interiors & Thematic Space Design & Execution					
6.	Curation, Script & label writing					
7.	Project Manager					

2. Declaration

We hereby certify that the above-mentioned personnel will be deployed for the said project in accordance with the project requirements. Supporting documents such as detailed CVs, qualification certificates, and relevant project experience and Consent Letter of the experts (to be associated with the project till completion) have been enclosed.

We understand that furnishing incorrect or misleading information may result in rejection of our bid or termination of contract at any stage.

Date:

Place:

Authorized Signatory:
(Name & Designation)
(Seal of the Agency)

Financial Turnover

Each Bidder or member of a JV must fill in this form

Annual Turnover Data for the Last 5 Years	
Year	Amount INR
2024-2025	
2023-2024	
2022-2023	
2021-2022	
2020-2021	
2019-2020	
2018-2019	

The information supplied should be the Annual Financial Turnover of the Bidder or the Lead Partner of JV in terms of the amounts billed to clients for each year for work in progress or completed.

(Signature of the tenderer/ bidders/JV Partners) with company seal/rubber stamp

Authentication by certified by Chartered accountant/Auditor with company seal/rubber stamp

Affidavit Regarding Non-Blacklisting and No Criminal Case

Name of Work:

I, [Name], [Designation] of [Name of Firm/Agency], having its registered office at [Address], do hereby solemnly affirm and declare as under:

1. That our firm/agency has never been blacklisted by any National or State Government department/organization/agency, public sector undertaking, or autonomous body.
2. That no criminal case is pending against our firm/agency or any of its partners/directors/proprietors in any court of law in India or abroad.
3. That if any information provided in this affidavit or in the submitted documents is found to be false or misleading at any stage, we understand that our bid/contract may be rejected/terminated and necessary penal action may be taken by the client at our risk and cost.

This affidavit is executed in compliance with the tender condition and is true and correct to the best of my knowledge and belief.

Date:

Place:

Deponent

Signature

Name:

Designation:

Firm/Agency Name:

Seal:

Verification

Verified at _____ on this ___ day of _____ 20__ that the contents of the above affidavit are true and correct to my knowledge and belief and nothing material has been concealed therefrom.

Deponent

Experience in Similar Atmospheric/Geographical Conditions

The bidding agency is required to provide details of their experience in executing projects in high-altitude hilly regions or collaborations with agencies that have worked in such areas.

Declaration:

We, M/s _____, having our registered office at _____, hereby submit the details of our experience/collaborations relevant to high-altitude hilly terrains as required under the tender condition.

1. Experience in High Altitude/Hilly Regions:

(Please provide details of projects executed in similar geographical and climatic conditions. Attach work orders, completion certificates, or any supporting documents.)

S. No.	Project Name	Location	Altitude	Scope of Work	Client	Year	Remarks

2. Details of Collaboration (if applicable):

(In case direct experience is not available, please provide details of collaboration with agencies having experience in such conditions.)

S. No.	Name of Collaborating Agency	Nature of Collaboration	Projects Executed	Location	Year

We hereby confirm that the above information is true and correct to the best of our knowledge and can be substantiated with supporting documents upon request.

Authorized Signatory
(Signature with Seal)

Name: _____

Designation: _____

Date: _____

Place: _____

Sample Rate Quote sheet (Bill of Quantity)
(for reference purpose)

1. Agency needs to Quote in FINANCIAL BID ENVELOPE ON CPP Portal ONLY which shall contain the Rate Quote Sheet in .XLS format and to be submitted online. This Rate Quote Sheet in .XLS format will only be considered for Financial Bid Evaluation as per NIT clause 6-B of Terms and Conditions.
2. This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only.

SETTING UP OF KEDAR PARICHAY MUSEUM, KEDARNATH , UTTRAKHAND						
BILL OF QUANTITY FOR MUSEUM WORK						
Sl. No.	Item Description	Units	Quantity	BASIC RATE In Figures To be entered by the Bidder in Rs. P	GST (percentage %)	TOTAL AMOUNT With Taxes Rs. P Rs. P
A	Part-I					
1	Electrical Work					
1.01	Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed PVC conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required.	RM	900			
1.02	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit along with 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	Rm	100			
1.03	Supply & wiring of submains with 2 nos. 2.5 sq.mm & with 1 no. earth wire of 1.5 sq.mm FR PVC copper conductor cable in existing PVC conduit complete, including supply of all material, labour and T&P etc. required for proper completion of the work as directed by Engineer I/C.	Rm	600			
1.04	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Rm	100			
1.05	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required.	Each	10			
1.06	Supplying and fixing suitable size GI box	Each	10			

	with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.					
1.07	Supplying and fixing following size/modules, GI box along with modular base & cover plate for modular switches in recess etc. as required. (1 or 2 Module (75mmX75mm))	Each	6			
1.08	Supplying and fixing following size/modules, GI box along with modular base & cover plate for modular switches in recess etc. as required. (78mm X 205 mm X 50 mm)	Each	6			
1.09	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 5/6 A switch	Each	12			
1.10	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 3 pin 5/6 A socket outlet	Each	12			
1.11	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. 25 mm	Each	50			
1.12	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. 32mm	Each	50			
1.13	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) .6 way , Double door	Each	4			
1.14	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including	Each	3			

	earthing etc. as required. (But without MCB/RCCB/Isolator). 8 way , Double door					
1.15	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Single pole	Each	18			
1.16	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Single pole and neutral	Each	2			
1.17	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. 40A	Each	2			
1.18	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. 63A	Each	2			
1.19	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	Each	8			
1.20	Supplying installation testing & commissioning of COB Spot Light 1x7watt LED Light fixture White having Powder coated die cast aluminium housing with heat sink, glare free diffuser with uniform light distribution, PF above 0.9, efficacy above 90 lm/watt, pre wired with constant current LED driver set, suitable for 1 phase, 240 V, 50 Hz, IP 20 complete in all respects. (colour temperature 3000°K / 4000°K / 6500°K - to be confirmed before supply)	Each	10			
1.21	Strip light : Supply, Installation, assembling, connection, testing & commissioning of 10W/m encapsulated clear PU flex, should be at least IP 67 3000K 24Vdc CRI >80 Macadam step 3 Beam angle : 120°, 1.22Should be equipped with dot less homogenous lighting effect Electronic driver ON/OFF (External driver) MATERIAL	RM	30			

	<p>CHARACTERISTICS Copper coated strip, Silicone moulded diffuser, End cap, Clip, This luminaire contains built-in LED modules. LED modules are engineered accordingly to the existing regulations of Lumen Maintenance (LM80) and Technical Memorandum (TM21), Lifespan of the luminaire > 50,000 hours at 40°C. Operating ambient temperature range is from -15°C to +50°C. Driver efficiency >70%, Power factor >0.80, Surge protection 3KV.IES, LM 79, LM 80, & TTC certificates will be provided from NABL accredited lab. Certification: CE Certified, Design Patented/Registered, ROHS compliant, BIS Certification for Luminaires & Drivers Make: K-Lite/NERI/NEON FLEX/Lamartini</p>					
1.22	<p>Supplying installation testing & commissioning of Track light (Framed Projector) 1x10watt LED Light fixture black having Metal housing with heat sink, glare free diffuser with uniform light distribution, PF above 0.9, efficacy above 700 lm/watt, pre wired with constant current LED driver set, suitable for 1 phase, 240 V, 50 Hz, IP 20 complete in all respects. (colour temperature 3000°K / 4000°K / 6500°K - to be confirmed before supply)</p>	Each	30			
1.23	<p>Supplying installation testing & commissioning of Track light (Zoomable) 1x10watt LED Light fixture black having Metal housing with heat sink, glare free diffuser with uniform light distribution, PF above 0.9, efficacy above 700 lm/watt, pre wired with constant current LED driver set, suitable for 1 phase, 240 V, 50 Hz, IP 20 complete in all respects. (colour temperature 3000°K / 4000°K / 6500°K - to be confirmed before supply)</p>	Each	60			
1.24	<p>Supplying installation testing & commissioning of Track light 7 watt to 10watt LED Light fixture black having Metal housing with heat sink, glare free diffuser with uniform light distribution, PF above 0.9, efficacy above 700 lm/watt, pre wired with constant current LED driver set, suitable for 1 phase, 240 V, 50 Hz, IP 20 complete in all</p>	Each	60			

	respects. (colour temperature 3000oK / 4000oK / 6500oK - to be confirmed before supply)					
1.25	Supply, Installation, Testing, Commissioning of ceiling mounted tracks of various sizes as instruction of engineer in charge.	Metre	135			
1.26	Design, engineering, procurement, installation, testing, and commissioning of a complete VRV (Variable Refrigerant Volume) HVAC system of heat pump type, tailored to the specific site conditions and in accordance with the latest departmental approvals. The work involves a detailed heat load assessment, system configuration planning, and preparation of schematic and layout drawings. It includes the supply and installation of indoor and outdoor VRV units, refrigerant piping with proper insulation, drainage systems, electrical wiring, control cabling, and central and local control units. All components and accessories shall be selected for energy efficiency, system compatibility, and long-term performance. The entire system shall be tested for pressure integrity, refrigerant levels, electrical safety, and operational efficiency before final commissioning. As-built drawings, O&M manuals, and a complete handover with onsite training shall form part of the deliverables. The execution must comply with relevant IS standards and be completed in close coordination with other on-site services to ensure smooth integration.	Ton	18			
1.27	Supply, Installation, Testing, Commissioning of UPS 10 KVA	Each	3			
1.28	Supply, Installation, Testing, Commissioning of UHF RFID Gate including 100 tags	Set	2			
1.29	Supply & wiring of Cat 6 cable	RM	400			
1.30	Network switch 16 port	Each	1			
2	Civil Work					
2.01	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	Cum	6			
2.02	12 mm cement plaster of mix : 1:6 (1 cement: 6 coarse sand)	SQM	30			
2.03	Providing and applying white cement	SQM	100			

	based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.					
2.04	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications: Two or more coats applied on beam & walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr /10 sqm as per instruction of engineer-in-charge Make : Asian/Berger/Azconobel	SQM	250			
2.05	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters : 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	SQM	5.04			
2.06	Installation of Sliding Flush Door ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters : 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	SQM	5.04			
3	Display Showcase, Wall Fascia, Panelling & Partition					
3.01	Providing and fixing wall fascia with 18 mm WPC/BWP Ply as per various elevation design using GI frame at @600 mm c/c in both directions duly treated with anti-termite treatment making grooves painting of grooves specification and drawing using 18 mm thick bwp ply complete with required hardware Screw complete as per design, GI wall frame system comprising Channel Sections (45 x 18 x 0.50 x 3050 mm), Fixing Brackets (45 x 29.5 x 0.91 x 195 mm), Wall Angles (25 x 25 x 0.50 x 3050 mm), and Channel Connectors (42 x 16 x 0.55 x 91 mm), all in galvanized iron with rust-resistant finish. All components shall be installed as per approved layout and aligned accurately to	SQM	500			

	form a stable and durable wall lining framework, as directed by engineer in charge (BWP Ply: century, Greenply & Merino make)					
3.02	Providing and fixing 100 mm thick wooden partition upto ceiling as per various elevation design including GI frame at @600 mm c/c including both side 18 mm thick both side WPC/BWP ply as various shape and size as per design including making it good surface with acrylic putty to pasting vinyl film or art work as per instruction of engineer-in-charge . GI wall frame system comprising Channel Sections (45 x 18 x 0.50 x 3050 mm), Fixing Brackets (45 x 29.5 x 0.91 x 195 mm), Wall Angles (25 x 25 x 0.50 x 3050 mm), and Channel Connectors (42 x 16 x 0.55 x 91 mm), all in galvanized iron with rust-resistant finish. All components shall be installed as per approved layout and aligned accurately to form a stable and durable wall lining framework. Extra shall be paid for Graphic film and Artwork. (BWP Ply : century, greenply & Merino make)	SQM	137.5			
3.03	Providing and fixing 1 mm thick laminate including all necessary screw, fittings all complete in direction of engineer in charge. (Laminate: century, greenply & Merino make) measurement should be measured upt ceiling height.	SQM	125			
3.04	Providing & fixing display cabinet various size deep to be made using 18 mm BWP Ply all sides finished with 1 mm thickness laminate finish and 18mm ply support inside Front glass to be extra clear 10 mm thick laminated toughened . Glass to be fixed with 50x100 First class teak wood member finished with laminate including required Ghana teak wood mounding, beading including ant termite treatment & 5 mm frosted acrylic sheet as per suitable size complete with required hardware, powder coated brass fittings complete as per design, drawing and as directed by in charge Cabinet Depth 600 (BWP Ply & Laminate : century, greenply & Merino make) (Toughened Glass : Atul, saint gobain & Modiguard make)	SQM	18			
3.05	Supply of Office Furniture (Table & Chair Set)	Set	3			

3.06	Visitor chair	Nos	6			
4	Artwork & Multilayer Exhibits					
4.01	Props required as per aesthetics and Design. Display items such as pooja thali set, set of flora, such as plant, flower etc. to be made in mix media like metal/ FRP/ Brass/ Fabric etc as per requirement.	Set	15			
4.02	Tilted relief Indian map for projection mapping H2.5 m W2.5 to be made with 18 mm BWP and FRP including all required , goo paint ,shall be constructed using 18mm thick BWP plywood, wood, MDF or mix-media as base material and include materials such as fibre, cloth, back drop painting, 3D models and other required materials, all of which must be water and rust proof as per Engineer/Architect in Charge's satisfaction. All necessary tools and plants (T&P) required	Nos.	1			
4.03	Hand Painting on high-quality canvas fabric made from 100% cotton or a cotton-polyester blend with a plain or duck weave, suitable for use in display backdrops, banners, wall coverings, or artistic installations. The fabric shall have a weight range of 300–500 GSM, offering medium to heavy-duty strength, with a minimum tensile strength of 200 N (warp) and 150 N (weft), and tear strength of at least 50 N, by highly skilled artist in supervision of art expert on wall and wall panels surface as per design with water based acrylic colour of artistic grade as per instruction of engineer-in-charge and client.	SQM	20			
4.04	Design, supply and installation of Artistic Mural made in FRP by highly skilled artist of required shape and size as per design with premium quality colour coating and instruction of engineer-in-charge.(Payment to be made on actual area of work done)	SQM	47.2			
4.05	Design, supply and installation of FRP for wall panels by highly skilled artist of required shape and size as per design with premium quality colour coating and instruction of engineer-in-charge.	SQM	350			
4.06	Wooden Cladding with Veneer (18mm) on Beam: Providing and fixing 18 mm thick BWP cladding on beams using seasoned and chemically treated wood of approved species, securely fixed with adhesive and concealed fasteners to ensure a seamless finish. All joints shall be properly filled	SQM	70			

	and finished to maintain uniformity. The surface shall be sanded, stained (if required), and finished with veneer of approved shade and sheen, applied in multiple coats with proper drying intervals for a durable and aesthetically pleasing finish. Measurement shall be in square meters as per the executed work, and the rate shall include material, labor, surface preparation, and finishing.					
4.07	Homogeneous Vinyl Flooring: Providing and laying homogeneous vinyl flooring of approved make, shade, and thickness (minimum 2mm/3mm as specified), with anti-bacterial, anti-fungal, and slip-resistant properties. The flooring shall be installed over a smooth, dry, and properly levelled subfloor (with the help of self-levelling floor compound) using high-quality adhesive as per manufacturer's specifications. Joints shall be heat-welded for a seamless finish, ensuring durability and hygiene. The surface shall be rolled with a heavy roller to eliminate air pockets and ensure proper bonding. Measurement shall be in square meters as per the actual laid area, and the rate shall include material, labor, surface preparation, adhesive, and finishing.	SQM	370			
4.08	Supply, fabrication, and installation of partition wall consisting of MS tubular framework made from 50mm x 50mm square section, welded and fixed securely as per design layout. The framework shall be properly treated with anti-rust primer and painted with synthetic enamel. Both sides of the partition shall be clad with 18mm thick BWP (Boiling Water Proof) plywood, fixed with screws and adhesive to ensure stability and durability. All edges shall be finished flush, and provisions for openings, electrical conduits, or display mounting (if required) shall be incorporated as per the site conditions. Complete system to be fabricated, aligned, and installed plumb, ready for further finishing or surface treatment.	SQM	45			
4.09	Himalayan Stone Cladding (12-18mm) with Adhesive: Providing and fixing Himalayan stone cladding of 12 to 18mm thickness in approved size, shade, and texture, pasted using high-quality polymer-modified adhesive suitable for natural	SQM	45			

	stone applications. The substrate shall be properly cleaned, levelled, and primed before installation to ensure strong adhesion. Joints shall be filled with matching grout or sealant as required. The surface shall be cleaned and finished as per the approved design. Measurement shall be in square meters as per the executed work, and the rate shall include material, labor, adhesive, surface preparation, and finishing.					
4.10	Polycarbonate Roofing with Metal Framework: Providing and fixing multiwall polycarbonate roofing sheets of approved thickness (minimum 10mm as specified), UV-resistant and weatherproof, fixed over a galvanized MS framework as per structural design. The metal framework shall be fabricated from MS tubular sections, properly welded, primed, and painted with anti-corrosive coating for durability. The polycarbonate sheets shall be securely fixed using aluminium profiles, EPDM gaskets, and stainless steel fasteners to ensure water-tightness and thermal expansion allowance. Measurement shall be in square meters as per the actual covered area, and the rate shall include material, labor, fabrication, installation, and finishing.	SQM	27			
4.11	Supply and commissioning of 25 Nos. of replica paintings based on original antiquities, as per the specifications and sizes provided in the attached annexure. Each replica shall be produced with high fidelity to the original artwork in terms of colour, texture, and detailing. All paintings shall be framed using high-quality materials—either glass, acrylic, or wooden frames—as suited to the display and conservation requirements. The framing must be aesthetically appropriate and structurally sound to ensure safe handling and long-term durability. All artworks shall be framed using weatherproof, moisture-resistant materials—smaller works with non-reflective glass and larger ones with thick transparent plastic sheets stretched over sturdy wooden frames to prevent warping. The scope also includes complete packaging, safe transportation, and installation at the designated site, ensuring	Job	1			

	no damage during transit. All works must conform to museum-grade standards and be completed as per departmental approvals and curatorial guidelines.					
4.12	Supply and Commissioning of Replica Sculptures (Antiquities):The work includes the supply and commissioning of high-quality replicas of original antiquities (sculptures), comprising 1 No. in Bronze and 5 Nos. in Stone (as per annexure A2 attached), with sizes ranging between 450mm to 750mm. The replicas shall accurately reflect the form, detailing, and finish of the original sculptures, maintaining the cultural and historical essence.For the stone sculptures, sculpting work shall be undertaken in close consultation with CNC machining experts to ensure precision and durability. It is recommended that the sculptures be developed in modular parts or segments, each representing specific cultural elements or design motifs. These modules shall be fabricated at an off-site facility, ensuring quality control, and then carefully transported to Kedarnath for final assembly and installation. The site assembly shall involve precise joining, alignment, and pasting, ensuring a seamless appearance and structural integrity.All materials, tools, and execution methods shall adhere to conservation-grade standards and be approved by the competent authority prior to commencement.	Nos.	6			
4.13	Replica Making of Manuscripts: this item includes the creation of high-quality replicas of selected manuscripts using archival-grade, acid-free materials that closely resemble the texture, color, and detailing of the originals. The replicas shall be printed or reproduced on suitable surfaces such as parchment-finish paper, synthetic sheets, or treated fabric, as approved by the engineer-in-charge. Each replica shall be mounted using non-damaging, reversible methods and framed with moisture-resistant, weatherproof materials. (As per annexure VI)	Nos.	5			
4.14	Hardwood Bench (1m x 0.40m): Providing and placing a hardwood bench of size 1m x 0.40m, made from seasoned and chemically treated hardwood of approved species, with a minimum thickness of	EAC H	4			

	25mm for the seat and supports. The bench shall have a sturdy design with smooth, rounded edges and shall be securely assembled using stainless steel screws/fasteners. The surface shall be finely sanded and finished with melamine/polyurethane (PU) polish in an approved shade for durability and aesthetic appeal. Measurement shall be in numbers, and the rate shall include material, labor, polishing, and installation.					
4.15	Kedarnath Doli, designed as per actual dimensions using a hardwood base frame for authenticity and strength. Detailed elements crafted in FRP with traditional motifs and forms, complemented by high-quality fabric drapery in ceremonial colours. All materials are treated for durability and finished as per approved design specifications. The final work will be measured on overall size (which includes multiple layers as per approved designs).	each	1.00			
4.16	3D mural work in multiple layers , shall be constructed using 18mm thick BWP plywood, wood, MDF or mix-media as base material and include materials such as fibre, cloth, back drop painting, 3D models and other required materials, all of which must be water and rust proof. The diorama shall be painted and polished to the Engineer/Architect in Charge's satisfaction. All necessary tools and plants (T&P) required	sqm	36.00			
4.17	3D Map Kedarnath - shall be constructed using 18mm thick BWP plywood, wood, MDF or mix-media as base material and include materials such as fibre, cloth, back drop painting, 3D models and other required materials, all of which must be water and rust proof. The diorama shall be painted and polished to the Engineer/Architect in Charge's satisfaction. All necessary tools and plants (T&P) required	sqm	16.80			
5	Signage's / Display Work					
5.01	Printing, supply and pasting of non-pvc vinyl film on various surfaces including cost of graphic designing along with all labour and material etc. complete as per instruction of engineer-in-charge and client. Make: Avery/3M/Technova	Sqm	5			

5.02	Supply and pasting of printed canvas film on various surfaces including cost of graphic design and including all labour and material etc. complete as per instruction of engineer-in-charge and client .	Sqm	60			
5.03	Supply and fixing of backlit fabric graphic light box of any size including led strips light and necessary fittings as per as per design and instruction of engineer-in-charge. Cost of graphic will be extra payable.	Sqm	11			
5.04	Providing and fixing Gallery Signage in letters in English and Hindi. All letters should have 150mm height, 18 mm thickness and should be mounted on wall using 25 mm dia Stainless Steel studs & 18 mm hardwood board complete as per drawing & design and direction of in charge.	Sqm	3			
6	AV/IT Work					
6.1	Supply and fixing of high resolution short throw/ultra-short throw projector laser Projector 5000 Lumen Brightness Upto 20,000 Lamp Life Dual HDMI VGA) including cost of fixing arrangements as per instruction of engineer-in-charge . Make-BenQ & equivalent	Nos.	5			
6.02	Supply and Fixing of projection screen of high quality of size as per design,, will accommodate 16:9 as well as 16:10 ratio, High gain matte finish for maximum clarity, Chemical treated and coated for wide view angle Washable, foldable and long lasting including cost of all labour as per instruction of engineer-in-charge.	Sqm	4.8			
6.03	Supply and fixing of CPU complete with windows os consist or equivalent to 13th Gen i5 or retest Intel Processor , Memory 16 GB , Hard Drive 1 TB SSD, 8 GB Graphic Card nVidea, HDMI/DisplayPort, RJ45 (1 Gb Ethernet) or optional 5 Gb, PS/2 Serial, Audio jack out, WiFi Enabled including keyboard and mouse complete with UPS support as per instruction of engineer-in-charge	Nos.	8			
6.04	Implementation and configuration of projection mapping software, including lifetime licensing, system testing, and multimedia content integration. Make-Mad Mapper/Resolume Arena as equivalent	Nos.	3			
6.05	Content Development for Projection	Sec	210			

	Mapping for exhibit no. G6 (Projection mapping on the India map to show various tirthas). Content is mapped either time based when activated or in regular interval as per instruction of engineer-in-charge					
6.06	Content Development for Projection Mapping for exhibit no. S6 (There will be projections happening on the fibreglass diorama of Kedar valley through mapping on various features). Content is mapped either time based when activated or projected content based on selection of concepts from interactive console as per instruction of engineer-in-charge.	Sec	210			
6.07	Supply, installation, and commissioning of a 24-inch interactive console for operating and navigating interactive projection mapping content for Exhibit S6. The console shall include a high-resolution touch display, durable housing suitable for public use, and all necessary pre-installed and licensed software for seamless interaction with the projection system. The system must support content selection, activation, and control features, and be fully integrated with the exhibit's AV setup. Includes all hardware, software's, CPU, cabling, power supply, interface configuration, and testing as per the instructions of the Engineer-in-Charge.	Nos.	1			
6.08	Content Development for Projection Mapping for exhibit no. S8 (Digvijay map). Content is mapped either time based when activated or in regular interval as per instruction of engineer-in-charge	Sec	180			
6.09	Content Development for 'Aspects of Kedar' (Exhibit no. G12). The scope shall cover pre-production research, scriptwriting in multiple languages (Hindi and English), and creative concept development aligned with spiritual, cultural, and historical themes. Post-production shall include voiceover recording, background score with devotional ambiance, high-definition video editing, text overlays, logo animation (if required), color grading, and final rendering in multiple resolutions (Full HD & 4K). as per instruction of engineer-in-charge	Sec	210			
6.10	Supply and Installation of 32-Inch Screen: Providing, supplying, and installing a 32-	Nos.	2			

	inch LED screen of approved make and model, with Full HD/4K resolution, built-in speakers, and multiple input ports (HDMI, USB, VGA as required). The screen shall be securely mounted on a wall/stand using a heavy-duty bracket, ensuring proper alignment and stability. All necessary cabling, power connections and configuration shall be done for seamless operation. Measurement shall be in numbers, and the rate shall include supply, installation, mounting accessories, cabling, and labor.					
6.11	Content Development and Developing Graphic User Interface for 32 inch Screen as per instruction of engineer-in-charge	SEC	90			
6.12	Supply and fixing of 32-inch Touch Kiosk having multi touch point with Media player/Mini PC and complete with mounting and casing arrangement including required fittings as per design and instruction of engineer-in-charge. Make display unit Samsung and as all equivalent , Make for Media Player : Gigabyte/Intel/Dell/Hp	Nos.	4			
6.13	Supply and fixing of 55-inch Touch Table having multi touch point with Media player/ Mini PC and complete with mounting and casing arrangement including required fittings as per design and instruction of engineer-in-charge. Make display unit Samsung and as all equivalent , Make for Media Player : Gigabyte/Intel/Dell/Hp	Nos.	2			
6.14	Interactive Content Development, Gamification and developing Graphic User Interface for Touch Table (32 inch and 55 inch) as per instruction of engineer-in-charge	Job	6			
6.15	Supply and fixing of ceiling/wall mounted 10 watt directional Speakers. PANPHONICS SOUND SHOWER with all required hardware like amp and cables similar including 600X600	Nos.	8			
6.16	Supply, installation, testing, and commissioning of a complete Public Address (PA) System including six (6) high-quality wall-mounted or ceiling-mounted full-range speakers (minimum 30W RMS, 80 Hz–18 kHz frequency response, ≥ 90 dB sensitivity, 8-ohm impedance), one or more wired or wireless	Nos.	1			

	<p>microphones (UHF/VHF with at least 30-meter range, noise cancellation, mute switch), and an integrated audio controller/mixer amplifier (minimum 240W RMS output, 4 input channels, frequency response 50 Hz–20 kHz, ≤0.1% THD, volume and tone controls, suitable for rack or table top mounting). All required accessories including 2-core copper speaker cables (min. 1.5 sq.mm), balanced microphone cables, high-quality connectors (XLR/RCA/Phoenix), mounting hardware, and surge-protected power supplies shall be included. The system must ensure uniform and distortion-free sound coverage, be professionally installed, and tested for performance and reliability. Equipment must be from reputed brands such as Bose, AHUJA, or TOA, or equivalent approved make, and shall include a minimum one-year on-site warranty with service support and complete documentation including wiring diagrams and operation manuals.</p>					
6.17	<p>Supply, installation, testing, and commissioning of a complete CCTV surveillance system comprising high-resolution IP-based CCTV cameras, and all necessary accessories. The system shall include indoor/outdoor bullet and dome-type IP cameras (minimum 2 MP resolution, Full HD 1080p, day/night vision with IR range of 30 meters, IP66 weatherproof housing, motion detection, WDR, and low-light capability), Power over Ethernet (PoE) support, and ONVIF compliance for integration. Each camera shall be mounted with appropriate wall/ceiling brackets and weather-protected housings. Make - CP Plus, as equivalent</p>	Nos.	30.00			
6.18	<p>SITC of NVR shall support a minimum of 8/16 channels (as per site requirement), H.265 compression, remote access via mobile/web, and must be provided with a minimum of 4 TB surveillance-grade HDD for 30 days of video backup. All networking components including CAT6 UTP cables, PoE switches, conduits, junction boxes, and surge protectors must be included. The system shall also include a 24" LED monitor (Full HD) for real-time viewing and playback. Preferred brands include Hikvision, CP Plus, or Dahua, or</p>	Job	1.00			

	equivalent approved make. The entire system must be professionally installed, configured for live monitoring and recording, tested for performance, and handed over with complete user training, documentation					
6.19	Supply of smartphone-based audio guide devices designed for use in museums, galleries, or heritage sites, including pre-installed custom audio tour applications. Each device shall be a commercial-grade Android smartphone (minimum 6.0" display, 64 GB internal storage, 4 GB RAM, long-life battery minimum 4000 mAh, fast charging support, Gorilla Glass protection, and Wi-Fi/Bluetooth enabled). The device shall be pre-configured with a multilingual audio guide application developed or customized as per site content, supporting QR code/NFC-based activation, GPS-based auto-play (optional), headphone and speaker output, and interactive media playback including text, images, and video. Devices shall be delivered with rugged protective covers, lanyards or hand straps, tamper-proof settings, and admin-level locking for security. The audio content, including scripting, multilingual (Hindi & English) voiceovers, and synchronization with physical exhibits, shall be integrated prior to handover. Preferred brands include Samsung, Xiaomi, or Motorola, or other equivalent approved makes. All devices must be supplied fully charged, tested, and ready for visitor use, with a minimum one-year warranty, operational manuals, and optional content management training for site staff.	Nos.	200.00			
6.20	Design, development, deployment, and maintenance of a custom mobile application for the museum, compatible with both Android & iOS. The app shall serve as a digital companion for visitors, offering interactive and multilingual content including exhibit descriptions, audio/video guides, Features shall include QR code-based exhibit scanning, personalized tour planning, bookmarking/favourites, feedback forms, social media sharing, and accessibility support (text-to-speech, adjustable font size). The backend shall include a content	Job	1.00			

	management system (CMS) for museum staff to update content dynamically without technical assistance. The application must be developed using a robust framework such as Flutter or React Native, ensuring high performance, offline functionality, and secure user data handling. The scope also includes UI/UX design aligned with the museum's branding, testing across devices, All content, visuals, and audio to be provided by the museum shall be integrated seamlessly. Optional integration with ticketing, donations, and e-commerce features may be proposed additionally.					
6.21	Development of high-quality audio content for exhibits, with each clip ranging from 45 to 60 seconds, in bilingual format (English and Hindi or as specified). The scope includes script writing, professional voice-over recording by experienced artists, sound editing, and final mastering for clear playback on exhibit audio systems. Content should be historically accurate, engaging, and aligned with the curatorial narrative of the exhibition. All final audio files to be delivered in standard formats (MP3/WAV) and approved by the Engineer-in-Charge.	Each	100.00			
6.22	Supply and installation of exhibit labels in two languages (English and Hindi or as specified), printed on high-quality acrylic sheets, suitable for long-term display. Each label shall include a QR code linking to extended digital content or multimedia information, accessible via smartphones or tablets. Tags must be printed with UV-resistant ink, precision cut, and finished with smooth edges, and securely mounted as per curatorial design and approval.	Each	100.00			
6.23	3.5mm Cable Disposable Earphone Earbuds Wired without Mic (Multicolour, In the Ear)	Each	5000.00			
6.24	Content Development for 12 Jyotirlinga (Exhibit no S3)- Scope includes end-to-end content development for twelve (12) Jyotirlinga temples across India, producing one high-quality video for each site with a duration of approximately 40 seconds. The scope shall cover pre-production research, scriptwriting in multiple languages (Hindi and English), and creative concept development aligned with spiritual, cultural, and historical themes. A	Sec	480			

	professional content production team shall conduct site visits to all 12 Jyotirlinga locations for on-ground videography, drone-based aerial filming (subject to local permissions), ambiance recording, and photography. The video shoot shall capture key architectural details, rituals, natural surroundings, and cultural essence of each sacred site. Post-production shall include voiceover recording, background score with devotional ambiance, high-definition video editing, text overlays, logo animation (if required), color grading, and final rendering in multiple resolutions (Full HD & 4K). All necessary permissions, logistical planning, and equipment—including drones, gimbals, and audio gear—shall be managed by the content team. The final deliverables will include twelve (12) 40-second polished video films optimized for digital displays, mobile apps, museums, and social media use, with ownership rights assigned to the client.					
6.25	Supply, fabrication installation, and commissioning of a 0.5m x 0.5m HOLOBOX with. Integrated with a 10-inch touchscreen tablet for interactive content control and playback. Includes media player, audio output, lighting, all electrical accessories.	Job	1.00			
6.26	Supply, fabrication installation, and commissioning of a 1.2 m x 1.2 m HOLOBOX with. Integrated with a 10-inch touchscreen tablet for interactive content control and playback. Includes media player, audio output, lighting, all electrical accessories.	Job	1.00			
6.27	CONTENT -3D Scanning of objects and providing 3D image in format suitable for playing in Holobox display for 3D effect.	Nos.	30.00			
6.28	Supply, installation, testing, and commissioning of a high-contrast Micro Active LED COB (Chip-on-Board) display system with 1.0 mm pixel pitch, having an active screen size of 2.4 meters (W) x 1.35 meters (H), using Flip-Chip Micro LED COB technology. The display shall feature die-cast aluminium cabinets, a contrast ratio of 20,000:1, front access maintenance, brightness ≥ 1000 cd/m ² , refresh rate of 7680 Hz, and wide viewing angles of 160° horizontal and vertical,	Set	2.00			

	suitable for high-quality indoor museum display. The scope includes all LED display modules, cabinets, controller (or equivalent), DSP 600 processor, all cable , 3% spare modules, MS structure fabrication and installation, complete wiring, and integration with the exhibit system. All civil works, power cable connections, and site storage shall be included. The system shall be delivered with a 3-year comprehensive warranty, including module replacement during the warranty period.					
6.29	Software development and Content integration with Micro Active LED COB display, computers etc. in the museum	Set	2.00			
6.30	Content development for micro Active LED COB for Exhibit F9. The scope shall cover pre-production research, scriptwriting in multiple languages (Hindi and English), and creative concept development aligned with spiritual, cultural, and historical themes. Post-production shall include voiceover recording, background score with devotional ambiance, high-definition video editing, text overlays, logo animation (if required), color grading, and final rendering in multiple resolutions (Full HD & 4K). Multiple video films (90 seconds to 120 seconds) optimized for digital displays, mobile apps, museums, and social media use, with ownership rights assigned to the client.	Sec	540.00			
6.31	Supply, installation, and commissioning of a Content Management System (CMS) software for managing and updating multimedia content and software's across digital display devices, kiosks, or mobile apps within the museum or exhibition space. The CMS shall be web-based with a secure admin interface, supporting image, video, audio, and text uploads, content scheduling, multilingual support, and real-time updates. The system must allow centralized control, user access management, and remote content deployment with compatibility for Android, Windows,-based playback devices. The CMS shall be installed on a local (on-premises) server with provision for remote monitoring and shall include initial content integration, staff training,	Job	1.00			

	and all necessary licenses. Approved makes: Manage Engine, Show Control, or equivalent. The system must operate with content residing locally and shall be supported for a tenure of 3 years (including the Defect Liability Period), with associated cloud space rentals and maintenance covered where applicable. Upon completion of the DLP, the agency shall hand over all multimedia content (in both editable and final formats), administrative credentials, and complete system access to the designated operating agency to ensure uninterrupted functionality.					
6.32	Supply of handheld ticketing machine with inbuilt thermal printer, touchscreen display (minimum 5-inch), in-built operating system, QR code scanner, 4G/Wi-Fi/Bluetooth connectivity, and rechargeable battery (minimum 5000 mAh) for continuous field operation. The device shall support digital payment integration (UPI, cards), real-time reporting, and syncing with central ticketing software. Supplied units shall include charging adapters, carry cases, one-year warranty, and user training. Preferred makes: PayTM, Veriphone, or equivalent approved.	each	2.00			
6.33	Content of 12-15 Minute for OAT Led Screen. Development of complete video content using existing raw video footage provided by the client. Scope includes conceptualization, and professional script writing in both Hindi and English, aligned with the thematic and narrative objectives of the project. High-quality editing shall be carried out to refine the footage, including sequencing, trimming, color correction, background music integration, and addition of on-screen text, titles, and transitions. The final edited video will feature Hindi voice-over recordings by a renowned personality with English subtitle, whose voice shall be pre-approved by the client. The voice-over shall be synchronized precisely with the visuals to enhance viewer engagement and clarity. Final deliverables shall include the video in Full HD/4K resolution, ready for digital, exhibition, or broadcast use, along with all supporting audio and text assets. (for	Job	1.00			

	Screen Size :545 Sqft, Screen Ratio 21:9) Note: Quote only for content.					
6.34	Copy editing and text content development including scriptwriting for Multimedia Content, Projection Mapping, Graphics, Labelling and Translation. Provision for the engagement of qualified curator(s), researchers, and scriptwriters for the development of curated content, including labels, narratives, and scripts for multimedia exhibits and projection mapping. This includes all activities related to content conceptualization, research, writing, and expert review to ensure historical accuracy and contextual relevance. The scope also covers content development legwork such as collection of information from archival sources, acquisition of graphics, photographs, and other reference materials (excluding films already covered under separate items). All content must be delivered in bilingual formats and aligned with the approved thematic framework of the exhibition.	Job	1.00			
B	Part-II					
7	Operation of Museum for three years: - 1 Museum Guide , 2 Operation Manager, 5 Security personal , 2 housekeeping, 2 Ticket Collector					
7.01	First Year	each	1.00			
7.02	Second Year	each	1.00			
7.03	Third Year	each	1.00			
Total in Figures						
Quoted Rate in Words						

Note(to be read along quoted Financial bid in .XLS format):-

1. Any image or video content procured, if required, shall be charged as per actual invoice. Travel expenses incurred for photoshoots or similar work shall also be reimbursed at actuals, subject to the submission of bills. All such expenses shall be paid only after obtaining prior approval from the competent authority.
2. The financial evaluation shall be done based on Grand quoted composite value of Part-I and part-II. However, initial order will be placed only for Part-I.
3. For scope under Part-II; ESIC, PF, Insurance will be paid separately on production of bills and documents validating the payment to beneficiary.

Rate Only Quote (for reference purpose for the agency)

(Agency needs to Quote 'Rate Only' in FINANCIAL BID ENVELOPE ON CPP Portal ONLY which shall contain the document named 'Rate Only for 4th and 5th year Comprehensive Annual Maintenance and Operation of the Museum' in .PDF format and to be submitted online.)

RATE ONLY QUOTE FOR 4TH AND 5TH YEAR COMPREEHNSIVE ANNUAL MAINTENANCE AND OPERATION OF THE MUSEUM						
NAME OF WORK: SETTING UP OF KEDAR PARICHAY MUSEUM, KEDARNATH , UTTRAKHAND						
Name of the Agency:						
Tender ID:						
Agency's Registered Address:						
Agency's Contact Details:						
GST No.:						
Pan Card No.:						
Sl. No.	Item Description	Units	Quantity	BASIC RATE In Figures To be entered by the Bidder in Rs. P	GST (percentage %)	TOTAL AMOUNT With Taxes Rs. P
C	Part-III					
1	Operation of Museum for 4 th and 5 th year: - 1 Museum Guide , 2 Operation Manager, 5 Security personal , 2 housekeeping, 2 Ticket Collector					
1.01	Fourth Year	each	1.00			
1.02	Fifth Year	each	1.00			
2	Maintenance of Museum (for Electrical Items and IT/AV Exhibits) for 4 th and 5 th year: - 1 Maintenance Manager (IT/AV Expert), Maintenance Staff (Electrician) (Dose Not include Hardware Cost), (Note: first 3 years on site comprehensive warranty already included in contract of Part-I)					
2.01	Fourth Year	each	1.00			
2.02	Fifth Year	each	1.00			
Total in Figures						
Quoted Rate in Words						

Notes for bidder:

1. Agency needs to Quote 'Rate Only' in this document named 'Rate Only for 4th and 5th year Comprehensive Annual Maintenance and Operation of the Museum' and to be converted in .PDF format and to be submitted online in Financial Bid Envelope.
2. The Rate Only Quote Sheet in .PDF format will not be considered for Financial Bid Evaluation, however rate quoted by bidder will be valid and work under this scope may be awarded after completion of scope under Part-I & Part-II (as per Annexure-K of NIT) at the discretion of NSCD/ Uttarakhand Government.
3. The financial evaluation shall be done based on Grand quoted composite value of Part-I and part-II only. However, initial order will be placed only for Part-I.
4. For scope under Part-III; ESIC, PF, Insurance will be paid separately on production of bills and documents validating the payment to beneficiary.
5. This BOQ PDF template must not be modified/ replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender.

Seal and Sign of the bidder

Annexure-I

Scope of Work: Proposed Kedar Parichay Museum, Kedarnath, Uttarakhand

The scope of work under this tender shall involve all aspects that are essential to set-up a permanent museum on turnkey basis and details of each category of work is elaborated in detail below:

A. Electrical Works: As per the site requirement, the following works are to be executed. The following works to be done keeping in view the basic wiring works already executed at the site:

1. Internal Wiring:
 - Wiring for light points, light tracks, exhaust fan points etc. using 1.5 sq.mm FRLS copper conductor in recessed/surface steel conduits with piano type switches and proper earthing.
 - Group-controlled wiring for looped points (light/fan/exhaust/call bell) with earthing in recessed/surface PVC conduits.
 - Light/power plug wiring with 2x4 sq.mm FRLS copper conductor and 1 no. 4 sq.mm earthing cable.
 - Sub-main wiring using 2 nos. 2.5 sq.mm and 1 no. 1.5 sq.mm copper conductor in existing PVC conduits with complete materials and labour.
2. Switches & Sockets:
 - Fixing modular GI boxes with modular plates and cover plates for:
 - 5/6 A sockets with switches
 - 6 pin 5/6 & 15/16 A sockets with switches
 - 1-2 module (75mm x 75mm) and 3-4 module (78mm x 205mm x 50mm) switch plates
 - 5/6 A switches and 3 pin 5/6 A sockets on existing plates
 - Provision of floor-mounted electrical power outlets at locations as required for functional and operational needs, subject to site conditions and approval of the Architect/Engineer-in-Charge.
3. Conduiting:
 - Laying of 25 mm and 32 mm medium class PVC conduit including wall cutting and repair.
4. Distribution Boards & MCBs:
 - Installation of MCB distribution boards (6-way & 8-way, double door, single pole and neutral)
 - Fixing 5A to 32A SP and SPN MCBs (C-curve, 10kA)
 - Installation of 40A and 63A DP isolators
 - Installation of single pole blanking plates
5. Lighting Fixtures:
 - Supply & installation of 7W COB spot lights (LED, white, 3000K/4000K/6500K)

- Supply & installation of 10W/m strip lights (IP67, dot-less, 3000K, external driver, certified)
 - Track lights:
 - Framed Projector (10W LED, black, 3000K/4000K/6500K)
 - Zoomable 10W LED lights
 - General 7W to 10W LED track lights
 - Installation of ceiling-mounted tracks
6. Equipment:
- SITC of VRV Heat Pump HVAC System
 - SITC of 10 KVA UPS 10 KVA, one unit to be installed on each floor, designed to support the entire electrical load of the respective floor excluding the HVAC systems.
 - SITC of UHF RFID gate system with 100 tags
7. Networking:
- Supply, laying, and termination of Cat 6 structured cabling to establish network connectivity for all exhibit units featuring digital content, including necessary data points, patch cords, and integration with the central network system as per approved layout.
 - 16-port network switch

B. Civil Works

1. Demolition:
 - Demolishing brick work manually/mechanically and stacking/disposal as per direction.
2. Finishing:
 - 12 mm cement plaster in 1:6 mix
 - White cement-based putty (avg. thickness 1 mm)
 - Deluxe multi-surface paint system (interior/exterior) including special primer (Asian/Berger/Azconobel) on different surfaces at site.
3. Doors:
 - Installation of flush door shutters (ISI marked, 35 mm thick, SS heavy-duty butt hinges) with necessary handles and locking provisions.
 - Installation of sliding flush doors (ISI marked) with necessary handles and locking provisions. Finishing with teak veneer with melamine polish.
4. The beams in the ceiling within exhibition spaces are to be covered with 18 mm thick Boiling Waterproof Ply with teak facing ply duly polished to matt finish.
5. Any damages done to surfaces of building needs to be reconditioned as per directions of site in-charge.

C. Display Showcase, Wall Fascia, Paneling & Partition

1. Wall Fascia:
 - P/F 18 mm thick WPC (Wood Plastic Composite) board wall fascia over a galvanized iron (GI) rectangular tube framework with members spaced at 600 mm center-to-center. All exposed surfaces and joints shall be finished properly, made smooth and even, and prepared suitably to receive vinyl graphic prints or paint finish, using approved materials and shades as per the design intent and directions of the Architect

2. Partitions:
 - 100 mm thick partitions using 18 mm WPC Board/BWP Ply on both sides on GI frames, finished with appropriate putty and vinyl film/artwork (graphics/art extra)
3. Laminate:
 - 1 mm thick laminate application on walls/furniture with required fittings (up to ceiling)
4. Display Cabinets:
 - Custom display cabinets of various sizes made with a teakwood wood framework, 18 mm WPC Board/BWP Ply and 1 mm laminate finish. Fitted with 10 mm extra-clear toughened laminated glass in a teakwood frame with matching beading and frosted acrylic back panels. Includes anti-termite treatment and powder-coated brass fittings for all hardware and mounts. Detailed designs & drawings of cabinets to be got approved.
- 5. Office Furniture:**
 - Supply of office table and chair sets
 - Supply of visitor chairs

D. Artwork & Multilayer Exhibits

1. Props & Set Elements:
 - Design, detailing, and fabrication of thematic props such as Pooja thali sets, floral elements, and other culturally relevant artefacts, crafted using a combination of mixed media materials including metal, FRP (Fibre Reinforced Plastic), brass, fabric, wood, and acrylic. Each prop shall be custom-made to suit the narrative and aesthetic context of the exhibit, with high attention to craftsmanship, durability, and finish. All materials used shall be of premium quality, treated for longevity, and approved by the Architect / NCSM prior to execution.
2. Projection Mapping Surface (for exhibit No. G6, S6, S8 etc.):
 - Tilted Indian map (H 2.5 m x W 2.5 m), FG layout of Kedar Valley, India Map having route travelled by Shankaracharya etc. for projection mapping on surface made of 18 mm WPC Board/BWP Ply, HDF, FRP, mixed media etc.
3. Artworks:
 - Hand-painted canvas murals by skilled artists using artistic-grade water-based acrylics
 - Artistic murals in FRP (custom-shaped and painted)- semi relief/layered etc.
 - FRP wall panel installations as per design
4. Finishes:
 - Wooden cladding with veneer on beams (BWP +veneer, sanded, stained, polished)
 - Homogeneous vinyl flooring (2mm/3mm, antibacterial, anti-slip, seamless heat-welded)
 - Himalayan stone cladding (12-18 mm, polymer adhesive, cleaned, grouted, and finished).
5. Roofing:
 - Polycarbonate multiwall roofing over galvanized MS tubular framework with UV resistance, weatherproof sealing, and proper anchoring
6. Replicas:

- Supply and commissioning of replicas of 25 original paintings (with framing and transport) (*reference of 21 paintings given in Annexure- IV*)
 - Supply and commissioning of 6 sculptures (1 brass and 5 stone; sizes 450–750 mm) (*tentative list and detail for 6 sculpture given in Annexure- V*). Wherever the details of referenced sculpture are missing, necessary corrections to be made following iconography and statues to be done in complete form.
 - Replicas of referenced manuscripts, coins as per required scaling to be done by the contractor. (*Reference at Annexure-VI*)
7. Furniture & Décor for exhibits:
- Hardwood bench (1m. long x 0.4 m. wide x .45 m. height) with PU polish, smooth finish, and rounded edges
8. Doli structure for Kedarnath, designed as per actual dimensions using a hardwood base frame for authenticity and strength. Detailed elements crafted in FRP with traditional motifs and forms, complemented by high-quality fabric drapery in ceremonial colors. All materials are treated for durability and finished as per approved design specifications. (*Reference at Annexure-VIII*)

E: Multi-layered Exhibits and Replicas

Multilayer 3D murals using 18 mm BWP, MDF, wood, mix media, FRP, cloth, painted and detailed for diorama-like visual experience

- Fabrication and installation of multilayer displays (2D/3D layering, backdrops, foreground elements) with each layer having 2D or 3D (relief) works as per the requirement of display to give dioramic effect within available depths.
- The total scheme to be prepared with details and got approved before executing.
- High-precision replicas of ancient structures, tools, or cultural elements.
- Materials to include fiberglass, resin, stone composite, and metal as per design.
- Coordination with scholars for accuracy and authenticity.

F. Signages /Infographics/ Display Works-

Design, fabrication, and installation of comprehensive signage/infographics / display works across the museum, including directional, informational, and thematic signage to guide and engage visitors.

- All signage shall feature bilingual content (Hindi and English).
- The infographic panels, labels etc. used in the exhibition shall have QR code integration for digital accessibility and extended content delivery.
- Types of signage /displays include backlit visuals, etched metal plaques, freestanding standees, and wall-mounted displays, designed to complement the museum's aesthetic.
- All materials used shall be durable, weather-resistant, and UV-stable, suitable for the harsh climatic conditions of Kedarnath, ensuring long-term performance and minimal maintenance.

- Infographics are printed on appropriate materials such as vinyl, fabric, canvas etc. as per requirement and mounted on WPC board of appropriate thickness (depending upon the size) and mounted firmly on the wall surfaces.
- Artworks are to be framed using weather proof materials that do not get damaged due to moisture and temperature fluctuations along with non-reflective transparent glass in front. Larger artworks are to be framed using best quality thick transparent plastic sheet duly stretched on the framed artworks (artworks are first stretched on wooden frames of sufficient cross-sections to withstand warping due to temperature fluctuations and moisture).
- All labels of artworks are to be in bilingual (Hindi & English) along with QR code duly laminated to withstand varying weather conditions.
- Content for each exhibit/QR code to be developed in consultation with experts and authenticated translation into different Indian languages to be done with depth of information for interested visitors to access.
- All kiosks / consoles / display cases to have Corian finish of approved colour.

G. AV/IT Works

- Design and deployment of interactive digital exhibits and information kiosks.
- Supply and installation of LED screens, projectors, touch displays, computer systems, multi-touch display units, holographic displays, projection mapping etc.
- Content generation in best resolution / format for both audio and video after preparing the scripting based on the outlines and brief provided by the consultant/Engineer-in-charge in consultation with subject experts (to be hired by the contractor). This would be in the form of films, projection mappings, multimedia, professional voice-overs of approved quality. Scripts should be got approved before implementation.
- Setting up of Content Management System in the museum and integration of AV content into this system for easy monitoring and updating.
- Setup of surveillance (CCTV) with remote monitoring provision as well as physical monitoring at site, network cabling, PA systems, and IT backbone.
- Design and implementation of a dedicated APP for the museum which will be able to be used in the audio-guide system to be implemented at site along with hosting the content pertaining to various exhibits to be accessed through the QR codes displayed on the exhibits and maintaining the same. The content should be available in **multiple Indian languages with provision for upgrading to foreign languages.**
- The rates quoted in the BoQ for various AV related items should be inclusive of necessary software that is required to make the exhibit functional on permanent basis and the software to be handed over to the tenderer in editable format.

H. (A)-Warranty, (B)-Annual Maintenance Contract (AMC) and (C)-Operations Contract

Part-A: Warranty:

The entire exhibition set-up shall have **onsite warranty for 3 (three) years** from all aspects that have been executed by the agency under this tender from the date of successful completion and handover. During this period, the agency is expected to have required spares for immediate replacement to keep the down time minimum to 24 hrs. except in cases the components are not readily available where it is relaxed to 72 hrs.

The agency shall take all precautions and necessary actions to protect the equipment, exhibits etc. before the closure of the museum during the snow period which will depend upon the announcement to be made by the state government. Before the start of next season's announcement by the state government, the agency shall depute their staff to ensure proper functioning of all exhibits when the museum opens to the public.

Part B: Annual Maintenance Contract (AMC)

After the expiry of 3 years of warranty for the museum and its contents, at the discretion of the management, the agency may be engaged for AMC of the equipment and facilities at the museum for further period at their quoted rates. In such case, the agency, (by deploying required number of technical personnel) shall keep the down-time of non-critical exhibits to 24 hrs. and 72 hrs. for critical exhibits where supply of equipment/materials are not available at the site. This includes the upkeep of all installed systems through **preventive and breakdown maintenance**:

- **Routine servicing and inspections** of electrical systems, AV setups, IT infrastructure, lighting fixtures, and display installations.
- Timely repair and **breakdown management** of faulty components to minimize downtime.
- **Provision and stocking of essential spare parts**, consumables, and accessories required for system continuity.
- Preparation and adherence to a **pre-approved servicing schedule**, including weekly, monthly, and quarterly tasks.
- A clearly defined **escalation matrix** for emergency response and resolution timelines.
- **Documentation and reporting** of maintenance activities, service logs, and compliance checks.

Part C: Operations

This covers the day-to-day functioning, housekeeping, securing, staffing, and monitoring of the museum:

- **Deployment of trained operational staff** for:
 - Daily housekeeping and exhibit cleaning
 - Daily switching on and switching off of lighting, AV and digital systems and ensuring their functionality all time.
 - Monitoring and control of HVAC and climate-sensitive zones
- **Daily and weekly checks** and keeping Exhibit Register to maintain the condition of exhibits in prescribed format and log of all aspects in approved format for:

- Electrical panels and power backup (UPS)
- Functionality and calibration of AV equipment
- Integrity and cleanliness of displays, signage, and digital panels
- **Visitor feedback system** integration (digital/physical) to assess performance and gather insights for continuous improvement.
- Deployment and monitoring of personnel deployed at the museum for security and gallery explanation purpose and providing training to these persons on proper protocols of visitor interactions, visitor studies, visitor surveys etc. to serve the management to make appropriate decisions based on the feedback from visitors.
- Maintenance of **logs and records** for operations, visitor issues, system alerts, and cleaning schedules.

I. Curation and Coordination:

The quoted rates shall include all costs towards carrying out the following items of works related to development of the museum:

- a. The contractor / agency is required to engage appropriate qualified personnel for doing detailed curation of the exhibition, script writing, illumination and other specialized works.
- b. Agency shall coordinate with the knowledge partner of the project i.e. Indian Institute of Heritage (IIH) for finalizing the content for the museum which include labels, scripts / storylines for the films, details etc.,
- c. Liaison with the organizations (where the IIH identified source materials/ references are available such as objects/replicas/photography/videography/3D scanning etc.) to source them for display or making replicas for display in the Museum.
- d. Visit different sites for shooting films or source the copyright-free AV content for creating the required AV content for the museum.

SPECIFICATION OF WORKS FOR MUSEUM WORKS ITEMS

The agency/contractor selected for execution of setting up of “Kedar Parichay Museum” at Kedarnath shall be responsible for the entire execution based on the curation provided (which include the floor layouts of exhibits; presentation showing the finishes; different annexures provided for various components viz. sizes, materials, finishes etc.; broad outlines provided for the content for various exhibits etc.); prepare details for each exhibit (including final labels, content for multimedia, films, videos etc. keeping the very spirit of the exhibition in view); engaging lighting expert and creating effective illumination to highlight the objects and concepts; and implementation of technologies in robust manner with proper trials for fail-safe operations. The approved makes for this project are given in **Annexure – IIA**. Some of the finer details are as given below:

I. Execution Hierarchy

The work shall be executed in accordance with the following order of preference:

1. Drawings issued by the Architect/Consultant
2. Approved BOQ and Design Intent Documents
3. CPWD Specifications (latest edition with amendments)
4. Relevant B.I.S. Codes and Code of Practices
5. Manufacturer’s Manuals and Technical Data Sheets (where applicable)

II. Safety and Site Norms

1. The contractor shall adhere strictly to safety protocols as per IS Codes, CPWD Safety Manual, and local authority guidelines.
2. Special care must be taken to protect museum objects, working staff, and the public during execution.
3. Dust control, noise mitigation, and restricted access zones must be ensured during sensitive operations.

III. Permissions and Clearances

1. The contractor shall be responsible for obtaining all site-specific permissions, licenses, and statutory clearances required for execution.
2. Any delays due to lack of local coordination or clearances shall be the responsibility of the contractor.

IV. Drawings and Samples

1. Contractor shall prepare shop drawings for mock-ups, and display cases, partitions, lighting layouts, and AV/IT integration.
2. All samples and drawings shall be approved by the Engineer-in-Charge/Architect/NCSM before commencement.
3. Contractor shall prepare all graphic designs and get the same approved before printing and installation.
4. Coordination drawings for services (lighting, IT, HVAC) with civil interiors are mandatory.

V. Project Coordination and Monitoring

1. The contractor shall be responsible for preparing and maintaining a detailed Gantt chart outlining the schedule of work, key milestones, and timelines for each phase of the project. This Gantt chart must be updated regularly to reflect the actual progress of the work. The contractor is required to submit comprehensive progress reports on a weekly and monthly basis, including updated versions of the Gantt chart, to the Engineer-in-Charge. These reports shall highlight completed activities, any deviations or delays from the planned schedule, reasons for such deviations, and proposed corrective actions to bring the work back on track. The progress updates will serve as a basis for monitoring performance, evaluating timelines, and ensuring that the project is proceeding in accordance with the agreed-upon plan and deadlines.
2. Work must be planned in sync with exhibit sequencing and installation requirements.
3. Coordination meetings with curators, AV/IT vendors, and display fabricators shall be conducted regularly.

VI. Fabrication & Materials Approval

1. All materials used in construction— such as wood, WPC, metal, graphics, electricals, glass etc.—must conform to museum-grade standards: fire retardant, VOC-free, non-acidic, anti-glare, anti-fungal where required.
2. Final finishes (polishes, paints, laminates, acrylics) must be low-reflective and archival safe.
3. Material specifications must match samples and be certified wherever applicable.

VII. Execution Considerations

1. All scaffoldings, tools, lifting devices, safety gear, material transport logistics, and site safety provisions shall be included in the quoted rates.
2. Clean and dust-free assembly areas must be created for sensitive components like showcases, AV, and digital installations.

VIII. Testing and Calibration

1. Contractor shall provide necessary tools, technical personnel, and equipment for testing lighting levels (lux), audio calibration, and AV content integration.
2. Final acceptance will include performance tests of AV systems, interactive displays, and showcase lighting in the presence of the Engineer in Charge.

IX. Compliance with Local Laws

1. The contractor shall ensure full compliance with all applicable local, state, and central government laws, acts, rules, and regulations throughout the duration of the project.
2. This includes, but is not limited to:
 - a) Environmental protection regulations,
 - b) Labor laws and worker welfare provisions,
 - c) Electrical and fire safety standards,
 - d) Building and construction codes,
 - e) Health and occupational safety regulations.
3. The contractor must obtain and maintain all necessary permits, clearances, and approvals required for execution of the work from the relevant statutory authorities.
4. It is the sole responsibility of the contractor to ensure that all activities at the site are conducted in accordance with the law, local authority guidelines and that all site personnel and subcontractors are informed of and adhere to applicable rules.

5. The contractor must implement appropriate safety measures and environmental safeguards as per statutory requirements.
6. No claim or compensation shall be entertained on account of ignorance, negligence, or oversight regarding applicable laws, codes, or compliance obligations.
7. Any failure to comply with statutory requirements may be treated as a contractual breach, potentially resulting in imposition of penalties, suspension of work, or termination of the contract.
8. The Engineer-in-Charge or designated authority reserves the right to inspect and verify compliance at any stage of the project and may request supporting documentation as needed

X. Final Acceptance & Documentation

1. Upon completion, the contractor shall conduct full system performance tests and obtain clearance from the Engineer in Charge.
2. The contractor shall submit detailed As-Built Drawings, Operation Manuals, and Maintenance Schedules for all museum installations, equipment and facilities for proper and failsafe functioning.
3. Digital backups of AV content, software and system configuration files must be submitted in both editable and executable formats in appropriate capacity external SSD hard drive.
4. All content, including but not limited to textual material, multimedia elements, software, and any other digital or creative assets developed or generated as part of this project, shall be deemed the sole property of the National Council of Science Museums (NCSM). In accordance with this, the agency/vendor is required to provide all source files, editable content, software, project files, and any other associated digital resources used in the execution of the museum work. These materials must be submitted in a complete and accessible format on external portable storage devices (such as SSD hard drives) to ensure ease of access, future modifications, and archival purposes by NCSM.

XI. Standards and Quality Control

1. All construction, installation, and finishing works shall strictly conform to the latest Central Public Works Department (CPWD) Specifications and relevant Indian Standard (IS) Codes issued by the Bureau of Indian Standards (BIS). These shall form the baseline standards for quality, performance, and workmanship.
2. In cases where museum-specific international guidelines—such as those recommended by ICOM (International Council of Museums), ICCROM, or other globally recognized heritage conservation bodies—prescribe more stringent or specialized requirements than those of CPWD or IS Codes, such international standards shall take precedence. These must, however, be adopted in consultation with and subject to the approval of the Architect and the NCSM authorities.
3. For any items of work, materials, systems, or methods not specifically covered under CPWD specifications or BIS codes:
 - a) The manufacturer's technical data sheets, product specifications, installation manuals, and warranty conditions shall be used as reference documents.
 - b) Such manufacturer-provided specifications must ensure compatibility with the project's overall performance and safety requirements.
 - c) In absence of detailed manufacturer documentation, international best practices and engineering standards applicable to museum environments—particularly concerning HVAC, lighting, high-grade materials, and display systems—must be followed.

4. The selection, use, and installation of all such systems or materials shall require prior written approval from the Project Architect and NCSM, who shall have the authority to accept or reject any proposed method based on its suitability for a sensitive museum environment.
5. Any deviation from the prescribed specifications (CPWD, IS Codes, or approved alternatives) must be formally documented and shall be permissible only with the express consent of the Engineer-in-Charge or the designated authority.
6. The contractor shall maintain and provide records of all standards referenced, materials used, and approvals obtained for verification during audits, inspections, or post-completion review.

XII. Warranty of the Museum & its components

1. The entire equipment procured and installed in the museum shall not be near the end of life.
2. The entire museum including all IT and other equipment such as computer systems, projectors, display screens, HVAC, CCTV, UPS, Holographic displays, etc.; infographics, lighting, exhibit cabinets and all other display materials installed in the museum shall have a minimum of 3 year onsite warranty to be provided by the agency.

LIST OF MAKES-ELECTRICAL

S.NO	DETAILS OF EQUIPMENT/ MATERIAL	MAKE/MANUFACTURER
1	BRASS COMPRESSION GLAND (HEAVY DUTY)	COMMEX/ GRIPWELL/ DOWELL
2	BUS BAR	JINDAL/ HINDALCO/ INDAL
3	CABLE JOINTING KIT / HT TERMINATION KIT	REYCHEM/ XICON/ 3M
4	CABLE LUGS & GLANDS	DOWELL/ COMET/ GRIPWELL
5	COAXIAL WIRES	DELTON/ KEI/ BATRA HENLAY
6	COLOUR MONITOR	SAMSUNG/ LG/ SONY/ PHILIPS
7	COMPRESSION GLAND AND LUGS / THIMBLES	DOWELL/ COMET/ GRIPWELL
8	CONTACTORS	ABB/ L&T/ SCHNEIDER/ SIEMENS
9	CONTROL FUSE BASE WITH HRC FUSE / HRC FUSE	ABB/ L&T/ SCHNEIDER/ SIEMENS
10	CRIMPING LUGS/ THIMBLES	DOWELL/ COMET/ GRIPWELL
11	CT/ PT'S	KAPPA/ C&S/ AE
12	CUBICLE TYPE FUSE UNIT	ABB/ L&T/ SCHNEIDER/ SIEMENS
13	DB'S / PRE-WIRED DB'S	HAVELLS/ LEGRAND EKINOXE / ABB/ HAGER/ SCHNEIDER - ACTI9/ SEIMENS
14	DIGITAL LIGHTING CONTROL SYSTEM	WIPRO/ PHILIPS/ SCHNEIDER/ ABB
/15	DIGITAL NUMERICAL RELAYS	L&T/ ABB / SIEMENS/ SCHNEIDER
16	DIGITAL ENERGY METERS INCLUDING DUAL SOURCE ENERGY METERS	L&T/SCHNEIDER/ HPL/ SOCOMEC
17	ELECTRICAL MOTORS	L&T/ ABB/ SIEMENS/ KIRLOSKAR
18	OPTICAL FIBER CABLE	FINOLEX/ BELDEN/ DELTON
19	FIRE SURVIVAL CABLES	POLYCAB/ HAVELLS/ BATRA HENLAY/ RAVIN

20	PVC INSULATED FRLS - ALUMINUM / COPPER 1.1 KV GRADE FLEXIBLE WIRES	POLYCAB/ HAVELLS/ BATRA HENLAY/ RAVIN
21	G.I./CU. STRIP & EARTHING MATERIAL	BHARATI/ INDIANA/ SLOTCO
22	HAND GLOVES & RUBBER MAT	POLYELECTROSAFE/ VIDYUT SAFE/ JYOTI
23	HRC FUSE	SIEMENS/ L&T/ ABB/ SCHNEIDER
24	HT & LT CABLES (POWER & CONTROL)	POLYCAB/ HAVELLS/ BATRA HENLAY/ RAVIN
25	INDICATING LAMPS	AE/ KAYCEE/ L&T/ SIEMENS
26	INDUSTRIAL SOCKET OUTLETS	ABB/ LEGRAND/ HAVELLS/ CAPE
27	INSULATED RUBBER MAT	POLYELECTROSAFE/ VIDYUT SAFE/ JYOTI
28	INSULATORS	JAYA SHREE/ MODERN/ WSI
29	ISOLATORS	SIEMENS/ L&T/ ABB/ SCHNIEDER
30	JOINTING KIT	REYCHEM/ XICON/ BIRLA-3M
31	LED LIGHT FIXTURES AND LAMPS	K-LITE/ PHILIPS/ WIPRO/ IGUZZINI/BEGA/HESS/DW WINDSOR/NERI OR AS PER APPROVED BY ARCHITECT.
32	LT PANELS	NEPTUNE/TRICOLITE/TRISQUARE/CONQUERENT
33	MCBS / RCCB/ISOLATERS / RCBO / CHANGE OVER SWITCH	HAVELLS/ LEGRAND/ ABB/ HAGER
34	MCCB WITH VARIABLE MICROPROCESSOR BASED (O/C, S/C, E/F) / THERMO MAGNETIC RELEASES	HAVELLS/ LEGRAND/ ABB/ HAGER
35	MEASURING INSTRUMENTS (ANALOG METER)	L&T/ AE/ RISHABH/ SCHNIEDER
36	MEASURING INSTRUMENTS (DIGITAL TYPE)/ MFM/KWH METER	L&T/ SOCOMEC / SIEMENS/ SCHNIEDER

37	MODULAR SWITCHES/ SOCKET OUTLETS AND WIRING ACCESSORIES WITH MOULDED COVER PLATE	MK (WRAPAROUND PLUS) / LEGRAND (MYLINC)/ HAVELLS (CRAB TREE-ATHENA)/ SCHNIEDER (OPALE)
38	MPCB	HAVELLS/ LEGRAND/ ABB/ HAGER
39	MS CONDUIT	BEC/ AKG/ STEEL KRAFT/ RMCON
40	MS CONDUIT ACCESSORIES	BEC/ AKG/ STEEL KRAFT/ RMCON
41	MULTI-FUNCTION METER	L&T/ SOCOMEC / SIEMENS/ SCHNIEDER
42	PANEL ACCESSORIES	L&T/ RISHABH/ SIEMENS/ SCHNIEDER
43	PROGRAMMABLE TIMER (SELF-POWERED ELECTRONIC DIGITAL) /ASTRONOMER	L&T/ SIEMENS/ HAGER/ HAVELLS/ LEGRAND/ SCHNIEDER
44	PROTECTIVE RELAYS (MICROPROCESSOR BASED COMPATIBLE WITH PC & PLC)	SIEMENS/ L&T/ ABB/ SCHNIEDER
45	PVC CONDUIT & ACCESSORIES	BEC/ AKG / RMCON/ ASTRAL / POLYCAB/ FINOLEX/ NELCO
46	RELAY / CONTRACTORS/ TIMERS / STARTERS AND CONTROL PANEL	SIEMENS/ L&T/ SCHNEIDER/ ABB/LEGRAND
47	PUSH BUTTONS	SIEMENS/ L&T/ SCHNEIDER/ ABB/LEGRAND
48	SELECTOR SWITCH	SIEMENS/ L&T/ SALZER/ SCHNIEDER
49	STREET LIGHT POLES & LIGHT FIXTURES SOLAR & CONVENTIONAL	K-LITE/ PHILIPS/ WIPRO/ IGUZZINI/BEGA/HESS/DW WINDSOR/NERI/ OR AS PER APPROVE BY ARCHITECT.
50	SURGE DIVERTER	SIEMENS/ EMERSON/ PHOENIX/ LEGRAND
51	SCADA & BMS SYSTEM	SCHNEIDER/ L&T/ HONEYWELL / SIEMENS
52	TERMINAL STRIP	CONNECT WELL/ PHOENIX/ WAGO
53	TERMINATION KITS	RAYCHEM/ BIRLA/ 3M
54	TRIVECTOR - METER (DIGITAL TYPE) ONLY FOR SEB SUPPLY	L&T/ SIEMENS/ SOCOMEC/ SCHNIEDER
55	VARIABLE FREQUENCY DRIVE	L&T/ SIEMENS/ABB/ SCHNEIDER

LIST OF MAKES FOR MUSEUM SPECIAL LIGHTING, AV AND ARTWORK

DETAILS OF EQUIPMENT/ MATERIAL	MAKE/MANUFACTURER
HOMOGENEOUS FLOORING	Armstrong Flooring/ Gerflor/ Geofloor
Print media	Avery/ 3M/ <u>Brustro/ Camel</u>
Projector	Barco/ Epson/ viewsonic/ christie
Screen/ Monitor	LG/ Samsung/ Vu
Touch Kiosk	Aero/ Staietech
Cpu	Intel/ Amd/ Lenovo/Acer
Lights	Havels/ Lucent light/ Kone/ IGUZZINI
Led Screen	Samsung/ Qled/ Aero
Directional speaker	Holosonics/ Panphonics
Projection paint	Asian / Goo paint
UPS	Luminous/ Microtech
Resin/ hardener	Crystic resin India/ revex Plasticisers
Backlit fabric	LG/ Roland fabric
Art work	Material for the artwork should be used of higher grade quality as per approved by consultant And engenear incharge.

Curatorial Layout Scheme (Layout and Presentation Annexed at IX in this NIT)

Location on Layout	Reference Presentation Slide No.	Details of exhibit/display	Brief Description about exhibit/display	Material Used and Technology Interface
GROUND FLOOR PLAN				
L-1	Slide No. 6	Ticket Counter	Ticket for Museum Entry	QR code and POS base ticketing System
L-2	Slide No. 6	Metal Screening	Partition wall made of Metal framework and Himalayan Stone tiles	
L-3	Slide No. 6	RFID Entry Gate	RFID Sensor Gate	RFID Scanners
L-4	Slide No. 6	Name of Museum	Cut letters	
L-5	Slide No. 6	RFID Exit Gate	RFID Sensor Gate	RFID Scanners
L-6		Audio Guide Pick-Up Point	Audio Guide Pick-Up Point for Visitors	Museum app enabled Audio Guides
L-7	Slide No. 10	Gallery Signage	Cut letters	
L-8		Audio Guide Drop Point	Audio Guide Drop-Up Point for Visitors	Museum app enabled Audio Guides
G-1	Slide No. 11	Theme Introduction Panal	Brief of Museum introduction, its objectives etc.	Cut letters in bilingual
G-2	Slide No. 11	Gallery Map	A 3D exploded map showing the layouts and sections of exhibits	Vinyl print
G-3	Slide No. 12	Indian & Regional Tirthas	This wall contains display of commissioned paintings -3 nos. duly framed to prevent dust and moisture	Framed projector lighting to highlight paintings
G-4	Slide No. 13	Indian & Regional Tirthas	This wall contains display of commissioned paintings -2 nos. duly framed to prevent dust and moisture	Framed projector lighting to highlight paintings
G-5	Slide No. 14	Indian & Regional Tirthas	This wall contains display of commissioned paintings -1 nos. duly framed to prevent dust and moisture	Framed projector lighting to highlight paintings

G-6	Slide No. 16	Indian & Regional Tirthas	This is an inclined wall having relief map of India done in FRP with necessary write-up	Projection mapping on the India map to show various tirthas.
G-7	Slide No. 17	Pilgrimage Map	This wall contains display of Map of Uttarakhand	lighting
G-8	Slide No. 18	Introduction Panel	Brief of theme introduction, its objectives etc.	lighting
G-9	Slide No. 19	Tirtha of Kedar	This wall contains content and Images	lighting to highlight paintings
G-10	Slide No. 20	Panch Kedar	This wall contains Images of Panch Kedar	Framed projector lighting to highlight paintings
G-11	Slide No. 20	Panch Kedar	This wall contains Images of Panch Kedar	Framed projector lighting to highlight paintings
G-12	Slide No. 21	Aspects of Kedar	This wall contains Projector Screen	Projection Screen with sitting arrangements
G-13	Slide No. 22	Kedarnath Doli and Rituals	This Exhibit contains will have replica of Kedarnath Doli and items to be used in worship rituals of Kedarnath and a touch screen display	Focus lights on objects
G-14	Slide No. 24	Introduction Panel, Raghama Paintings, Kedar Kalpa Paintings	This wall contains content of Raghama Paintings, Kedar Kalpa and commissioned paintings -3 nos. duly framed to prevent dust and moisture	Framed projector lighting to highlight paintings
G-15	Slide No. 25	Raghama Paintings, Kedar Kalpa Paintings	This wall contains display of commissioned paintings -5 nos. duly framed to prevent dust and moisture	Framed projector lighting to highlight paintings
G-16	Slide No. 26 & 27	Raghama Paintings, Kedar Kalpa Paintings	This wall contains display of commissioned paintings -9 nos. duly framed to prevent dust and moisture	Framed projector lighting to highlight paintings
FIRST FLOOR PLAN				
F-1		Holographic Box	This exhibit will showcase 3D content in Holographic Display	Holographic Box
F-2	Slide No. 31 & 32	Introduction Panel	Section introduction.	Cut letters in bilingual

F-3	Slide No. 33	Shiva in Manuscripts	This wall contains content and Images on the background with display case in front for display of manuscripts/replicas.	lighting to highlight paintings and display items.
F-4	Slide No. 35	Theme Introduction Panel	This wall contains content and Images	lighting to highlight paintings
F-5	Slide No. 35	Shakala , Nishkala	This wall contains content and Images	lighting to highlight paintings
F-6	Slide No. 36 & 37	Forms of Shiva	This wall contains content and Images	lighting to highlight paintings
F-7	Slide No. 36 & 37	Mudras of Shiva	This wall contains content and Images	lighting to highlight paintings
F-8	Slide No. 38	Aspects of Kedarnath	32-inch interactive Kiosk	Touch interactive Kiosk
F-9	Slide No. 38	Aspects of Kedarnath	Active LED Screen	Active LED Screen
F-10	Slide No. 39, 40 and 41	Shiva on Coins	This exhibit will showcase Holographic contents and Graphic Panel	Small Holographic Box
F-11	Slide No. 44 to 46	Shiv Parivar	This is a cluster designed to show different deity statues of Shiv Parivar	Stone sculpted statues as per given details to be done in identified stone and set up in this area
F-12	Slide No. 48	Kashi Vishwanath Temple	This is a fibreglass and Mix-Media diorama of Kashi Vishwanath Temple, Guptkashi showing details and surrounding	Led strips lights and track lights
F-13	Slide No. 49	Gauri Mata Temple	This is a fibreglass and Mix-Media diorama of Temple showing details and surrounding	Led strips lights and track lights
F-14	Slide No. 50	Jageshwar Temple	This is a fibreglass and Mix-Media diorama of Temple showing details and surrounding	Led strips lights and track lights
F-15		Triyungi-narayan Temple	This is a fibreglass and Mix-Media diorama of Temple showing details and surrounding	Led strips lights and track lights

F-16		Mundkatiya Temple	This is a fibreglass and Mix-Media diorama of Temple showing details and surrounding	Led strips lights and track lights
F-17		Kartik Swami Temple	This is a fibreglass and Mix-Media diorama of Temple showing details and surrounding	Led strips lights and track lights
F-18	Slide No. 42 and 43	Attributes of Shiva forms	This 55-inch kiosk will showcase content like videos and puzzles	Touch interactive Kiosk
SECOND FLOOR PLAN				
S-1	Slide No. 54	Introduction Panel	This wall contains content and Images	Cut Letters in bilingual with lighting
S-2	Slide No. 55	Map of 12 Jyotirlinga	This wall contains content and Images and Replica of Books	lighting to highlight paintings
S-3	Slide No. 56	AV Exhibit for 12 Jyotirlinga	Active LED Screen with 32-inch Kiosk	Active LED Screen connected to Touchscreen Kiosk. Selected video in the T/s will be played in the LED screen. There is a dedicated screensaver to be developed.
S-4	Slide No. 57	Kedareshwar Temples Across the India	This wall contains content and Images	Framed projector lighting to highlight paintings
S-5	Slide No. 58	Kedareshwar Temples Across the India	This wall contains content and Images	lighting to highlight graphics
S-6	Slide No. 59	Diorama of Kedarnath	This is a fibreglass diorama of kedar valley showing various features supported with FG models of flora and fauna of the region on both sides and background having curated infographics backlit.	There will be projections happening on the model through mapping on various features selected through switches or touchscreen interface.
S-7	Slide No. 60	Advaita Philosophy	This wall contains content and 55-inch Touch Kiosk	Interactive software for flip show through gesture.

S-8	Slide No. 61	Digvijay Map AV	This section will showcase Projection mapping over Digvijay map	Projection mapping over India map showing the route travelled and highlights of the journey at different places.
S-9	Slide No. 62	Life of Shankaracharya	This section will showcase life of Adi Shankaracharya	FRP Murals and Framed with appropriate Lighting
S-10	Slide No. 63	Kedarnath – Past & Present	This wall contains content and Images	lighting to highlight graphics
S-11	Slide No. 63	Kedarnath – Past & Present	This wall contains content and Images	lighting to highlight graphics
S-12	Slide No. 63	Kedarnath – Past & Present	This wall contains content and Images	lighting to highlight graphics
S-13		Kedarnath – Past & Present	This wall contains content and Images	lighting to highlight graphics
S-14		AV Exhibit	This wall contains Video wall exhibit to showcase different contents	A short film showing various development works undertaken in Kedarnath and future plans.
S-15		Digital Touch Interface	This exhibit contains interactive content for visitors	32-inch Kiosk for Quiz
S-16		Digital Touch Interface	This exhibit contains interactive content for visitors	33-inch Kiosk for visitor feedback