

**E-TENDER
FOR
SUPPLY, INSTALLATION,
TESTING & COMMISSIONING
OF
HOLOGRAPHIC FOIL
& REFLECTIVE SCREEN
FOR
3D HOLOGRAPHIC
PROJECTION BASED
SETUP
AT
NATIONAL SCIENCE CENTRE, DELHI**



Ministry of Culture
Government of India

National science centre
(A Unit of National Council of Science Museums)
Bhairon Road, Near Gate no – 4, Pragati Maidan
New Delhi – 110 001

NATIONAL SCIENCE CENTRE,
(A Unit of National Council of Science Museums)
NEAR GATE NO – 4, PRAGATI MAIDAN,
BHAIRON MARG, NEW DELHI-110001

TENDER No. NSCD/18011/E-Tender- 17/ 2025 – 26

NOTICE INVITING E-TENDER

On-line Digitally signed e-tenders are invited in two Bid System for Supply, Installation, Integration, Testing and Commissioning of “Holographic Foil & Reflective Screen” for 3D Holographic Projection Based Setup at National Science Centre, Delhi. The agencies may download the tender documents from the Central Public Procurement Portal (CPPP): <http://eprocure.gov.in/eprocure/app>

Bid Document Published Date	14-08-2025 (18:00 PM)
Bid Document Download Start Date	14-08-2025 (18:00 PM)
Bid Clarification Start Date	14-08-2025 (18:00 PM)
Bid Submission Start Date	20-08-2025 (10:00 AM)
Bid Clarification End Date	19-08-2025 (18:00 PM)
Bid Submission End Date	02-09-2025 (15:00 PM)
Technical Bid Opening Date	03-09-2025 (15:30 PM)
Financial Bid Opening date	Shall be communicated later on
Estimated Cost	₹10,00,000/-
Earnest Money Deposit	₹25,000/-

The online bid both Technical Bid and Financial Bid, should be uploaded by the due date and time as per the above schedule. The responsibility to ensure the same lies with the bidders. Off-line tenders shall not be accepted and no request in this regard will be entertained whatsoever. **Online Technical Bid will be opened at the first instance in this office at 03:30 PM on 03/09/2025 for technical evaluation as well as selection of technically acceptable offers.** In the second stage, the Financial Bids of only the selected and techno-commercially acceptable offers / system / equipment will be opened. Decision of the Centre, regarding selection of eligible and qualified vendors / firms for opening the Financial Bid shall be final and binding on the bidders. Bidders may be present during opening of tenders.

NSC Delhi reserves the right to accept or reject any or all tenders in full or part without assigning any reason whatsoever. NSCD shall also not be bound to accept merely the lowest tender but the technical suitability, capability and superiority of the equipment / system as well as after sales service including infrastructure to render such service, etc. shall be of prime consideration for selection of the equipment /system.

CHECK LIST

Check list of Tender No. NSCD/18011/E-tender-17/25-26 for **Supply, Installation, Testing & Commissioning of “Holographic Foil & Reflective Screen” for 3D Holographic Projection based setup at National Science Centre, Delhi .**

S. No.	Description	Yes	No
01	Whether E-Tender uploaded on Central Public Procurement Portal of Govt. of India (i.e. Technical & Commercial) separately.		
02	Whether Tender documents carefully studied & understood.		
03	Whether Tender documents duly signed and stamped on all pages is scanned and uploaded as Part – I of the Tender in central public procurement portal.		
04	Whether Earnest Money of ₹25,000/- submitted by online / vide Demand Draft No. dated..... and Scanned copy of DD uploaded as Part – I of the Tender. Please note that the original DD should be couriered /hand delivered to NSC Delhi / online payment details shall be sent to NSCD before the time of opening Technical Bid.		
05	Whether Declaration certifying that there is no extra conditions quoted in the Offer Form duly signed and stamped, and scanned copy of the same uploaded as Part – I of the Tender in central public procurement portal. Annexure-C		
06	Whether Techno Commercial Bid duly signed and stamped and uploaded in Central Public Procurement Portal. Annexure - D		
07	Whether Declaration regarding Non-relation, duly signed and stamped, and scanned copy of the same uploaded as Part – II of the Tender in central public procurement portal. Annexure-C		
08	Whether Technical Compliance Table duly signed and stamped and uploaded in Central Public Procurement Portal. Annexure - G		
09	Did you visit the actual site for execution of the Work Order before submitting the Tender		

Date:

Signature of the Tenderer

Place:

Official Seal

General Information and Instructions

1. The instruction given herein will be strictly binding on the tenderers and deviation, if any will make the tender or tenders liable to be considered invalid. Tenders incorporating additional conditions by the tenderer are liable for rejection.
2. Bids shall be submitted online only at CPPP website: <https://eprocure.gov.in/eprocure/app> Manual bids shall not be accepted.
3. The instruction given in “**Annexure-A**” for “**Instruction for Online Bid Submission**” should be strictly followed during submission of the Bid.
4. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
5. Bid should be submitted along with the **Earnest Money of ₹25,000/- (Rupees Twenty Five Thousand only)** through NEFT/RTGS in the account of National Science Centre as per Annexure F or by way of crossed Demand Draft / Pay Order on any nationalized bank of India payable in favour of “**NATIONAL SCIENCE CENTRE, Payable at DELHI**”. Earnest Money deposit in the form of Bank Guarantee /Bond or any other instrument shall not be accepted and shall be rejected straightway. Earnest Money deposits in respect of such offers which are not accepted will be returned to the bidders within 30 working days from the date on which the final decision is taken about the source from which the items under tender are to be procured or within 2 (two) months from the date of the opening of the tenders, whichever is earlier. No interest will be paid on the Earnest Money deposited with the Council. Earnest Money deposit in respect of the successful bidders will be retained with the NSCD until entire execution of the order as per terms of the tender. If the successful bidder fails to execute the order strictly as per the NSCD’s specification in full or part within the stipulated delivery period of the purchase order, the Earnest Money deposit retained with the NSCD shall be forfeited forthwith after cancellation of the concerned order. In case of non-receipt of EMD, the Tenders are liable to be rejected.
6. No exemption will be allowed for submission of Security Deposit/Retention Money. **However, concession for submission of EMD shall be applicable to the Tenderers/Bidders registered with NSIC/MSME as per prevailing Govt. guidelines. The Tenderers/Bidders should upload document of the firm of claiming such exemption.** Tenderer/Bidder must upload signed Annexure-D-1, if the bidder is registered under NSIC/MSME’.
7. **Validity of Bids:** The Bids should remain valid for 90 days from the date of bid opening.
8. **Rejection of Bids:** Canvassing by the Bidder in any form, unsolicited letter and post-tender correction may invoke summary rejection. Conditional tenders will be rejected. Non-compliance of applicable General Information and Instruction will disqualify the Bid.
9. **Tender must be uploaded on-line in two separate sets – namely Set – 1 (Technical) & Set – 2 (Financial Bid) on Central Public Procurement Portal.**

Set – 1

- i) **Technical (Techno-Commercial) BID duly filled-in and signed with official stamp. (as per Annexure-D format)**
- ii) **General Terms & Conditions (as detailed in Annexure-B) duly signed with official stamp as a token of acceptance**
- iii) **Scanned Copy of the current and valid Trade License and Dealership Certificate as applicable.**
- iv) **Scanned Copy of ITR filed acknowledgement issued by Income Tax Department.**
- v) **Scope of Work as detailed in Annexure-E duly signed with official seal as a token of acceptance for providing services in accordance to the Centre’s specifications.**
- vi) **The ‘Declaration’ duly signed with official stamp (as detailed in Annexure- C).**

Set - 2

- i) The Financial Bid (as per Annexure-I) i.e. Schedule of Price Bid in the form of attached BOQ Proforma shall be duly filled in, digitally signed and uploaded online by the bidder.**

N.B. : The bidders shall consider the prevailing tax rates while quoting the rates. However, in the event of any changes in the statutory taxes and duties, the rates applicable at the time of payment shall be made by the competent authority of the NSC, Delhi against submission of supporting documentary evidence.

10. Order shall be placed in favour of a single agency considering the total cost arrived based upon consolidated BOQ as per Annexure – I.
11. The authorities of National Science Centre, Delhi who does not bind themselves to accept the lowest tender, reserves the right to reject or accept any or all tenders wholly or partially without assigning any reason whatsoever.

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Instructions for Online Bid Submission

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

REGISTRATION

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

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

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

SUBMISSION OF BIDS

- 1) Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidders should submit the EMD as per the instructions specified in the tender document. The original instrument should be posted/couriered/given in person to the Tender processing Section at the above address, latest by the last date of bid submission. The detail of the Demand Draft / any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- 4) A standard Price Schedule format (BOQ) has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the Light Blue colored (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.
- 5) The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.

- 6) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers public keys.
- 7) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 8) Upon the successful and timely submission of bids (i.e. after Clicking “Freeze Bid Submission” in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 9) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

The Technical Bid/ Proposal must necessarily contain scanned copies of all the filled up forms of Technical Bid along with attested copies of the relevant referred documents as proof:

- 1. The agency must have done same type of job and may enclosed documentary proof along-with Technical Bid. Technical Bid shall be found eligible if relevant documents as proof of same Job will enclosed.**
- 2. Permanent Account Number (PAN) Card**
- 3. GST Registration Certificate**
- 4. Audited Statements of Accounts for the past 05 Financial Years.**

ASSISTANCE TO BIDDERS

1. Any enquiries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
2. Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal helpdesk. The contact number for the helpdesk is 1800 233 7315.
3. Any queries relating to the Tender may be addressed to neelurajani@yahoo.in, nscdelhi10@gmail.com with proper credentials of the bidders before the bid clarification date thereafter no queries will be entertained.

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TENDER No. : NSCD/18011/E-Tender – 17 / 2025 – 26

GENERAL TERMS & CONDITIONS (GTC) FOR SUBMISSION OF TENDER FOR “SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF “HOLOGRAPHIC FOIL & REFLECTIVE SCREEN” FOR 3D HOLOGRAPHIC PROJECTION BASED SETUP AT NATIONAL SCIENCE CENTRE, DELHI”.

Bidders should have necessary infrastructure and facilities so as to take up the supply of the tendered items strictly as per enclosed specifications with required financial capability.

GENERAL TERMS AND CONDITIONS FOR SUBMISSION OF TENDER for Supply, Installation, Integration, Testing and Commissioning of Holographic Foil & Reflective Screen for 3D Holographic Projection based setup at National Science Centre, Delhi, **offering onsite warranty support for One Year.**

The integrated system is already set up in the existing hall. The detail layout drawing of the space along with the control room is enclosed for reference in Annexure H. Tenderers are required to submit along with the tender in Part-I envelope details of holographic foil, mechanisms with complete technical specifications, procurement strategy, flow chart of the work, fabrication strategy and a bar chart on how the work shall be completed within the stipulated time as per Clauses of the General terms and conditions.

1. PRICE:

The prices and rates indicated/quoted shall be inclusive of cost of materials, supply and all incidental charges to supply & installation of the Holographic Foil and Reflective Screen at NATIONAL SCIENCE CENTRE, DELHI. GST and any other taxes/levies to be imposed on the rate shall be clearly mentioned. Price and rate quoted shall be firm and fixed for the entire period of execution of the order and no escalation of rate on any ground whatsoever shall be applicable.

2. The successful bidder shall submit the following documents within 03 (Three) days from the date of Placement of the order:-

- i) Duplicate copy of the order duly signed and stamped as a token of acceptance of the order.
- ii) Non-judicial stamp paper of appropriate value for preparing the Agreement governing the terms and conditions of the Contract.
- iii) Security Deposit as detailed in Clause No. 04 of General Terms & Conditions.

3. TIME OF COMPLETION: Time is the essence of this tender. The delivery of the tendered item as per enclosed technical specifications shall be made at NATIONAL SCIENCE CENTRE, DELHI strictly within Forty Five (45) days from the date of placement of the order. For non-compliance of any of the above terms and non-delivery of the tendered items, complete in all respects within the above stipulated delivery period, the Centre shall have the right either to cancel the order or impose penalty as detailed in Clause No.04. Decision in this regard taken by the NSCD shall be final and binding on the successful bidder.

4. **PENALTY CLAUSE:-**

The time allowed for executing the supply as detailed in Clause No.03 shall be strictly observed by the successful bidder. The supply shall throughout the stipulated period of the order, be proceeded with all the diligence (time being deemed to be the essence of the order) and the successful bidder shall pay to the Centre , an amount equal to 1% of the amount of the contract value for every week that the supply may remain incomplete as per delivery schedule as stipulated in Clause No.03 subject to a maximum compensation of 10% of the contract value after which period, action will be taken by the Centre as will deem fit.

The Centre may extend the time of delivery of the ordered items at their discretion on the application of the successful bidder for such purpose provided that the Centre considers the reasons for such extension as good, sufficient and acceptable.

5. Every effort should be made to complete the supply by the successful bidder within the specified time schedule. In case the firm fails to comply with Clause no. 3 within the specified time schedule as per the finalized and accepted terms & conditions, the Centre shall have the right to either impose penalty clause or cancel the order forthwith and the earnest money deposit retained with the Centre shall be automatically forfeited.

6. **PAYMENT TERMS:-**

No advance payment shall be made by the Centre on any circumstances. Digital Payment (e-Payment) through RTGS/NEFT/TT/etc. shall be released within 30 (Thirty) working days from the date of receipt of Tax-Invoice (supplies covered under clause No.03), duly supported by receipted challan subject to satisfactory inspection report of the ordered materials issued by the competent authority of the Centre. Invoice should be submitted indicating the Name of the Banker, IFSC Code, Account number, RTGS and Swift number of the banker, etc. for releasing e-payment to the supplier.

7. **DEFECT LIABILITY PERIOD / WARRANTY PERIOD:** The Warranty/ Defect Liability period shall be one year from the date of certification of the completion of satisfactory installation and commissioning of the system. The successful tenderer shall be responsible for all defects of the installed equipment or other defects of equipment supplied, making good bugs in the application software etc. **for a period of one (1) year** from the date of satisfactory completion of the installation and commissioning of the system. The successful tenderer, shall at their own cost, rectify the defects and or replace the defective parts/equipment, up to the complete satisfaction of the competent authority of the Centre.

8. **WARRANTY:**

Manufacturer's standard onsite warranty for the equipment as per annexures should be offered by the bidder. The bidder shall be responsible for all defects of materials including transportation, etc. for the entire warranty period of the manufacturer effective from the date of final acceptance of the ordered materials.

9. The equipment to be supplied by the bidder shall conform to the technical specifications given by the Centre.
10. If it is noticed that the goods supplied do not conform to the technical specification of the order, the Centre shall have the right to reject the materials in part or full. The supplier shall be liable to replace the rejected materials within the stipulated time. Till the replacement is done, the rejected materials shall be lying at the risk, cost and responsibility of the supplier.

11. If the supplier do not arrange to replace the rejected materials within the stipulated time, the same may be disposed of at the risk of the supplier and in the manner which the Centre will deem fit. The Centre shall be entitled to retain the proceeds of the disposal either in part or in full towards expenses incurred on storage, handling and disposal of the materials. The Centre shall also be entitled to recover the expenses made by them on account of storage & handling of such rejected goods till the goods are removed from the premises of the Centre.
12. In case the bidder refuse to accept the offer after finalization or does not comply with the Clause No.02 within 03 (Three) days from the date of placement of the order as per the finalized and accepted terms & conditions and the order shall be cancelled forthwith.
13. The authorities of the National Science Centre, Delhi have the right to amend, alter or modify the terms & condition mentioned above, if necessary, from time to time.
14. The authorities of National Science Centre, who does not bind themselves to accept the lowest tender, reserves the right to reject or accept any or all tenders wholly or partially without assigning and reason whatsoever.
15. The quantities specified in the tender may be decreased or increased at the sole discretion of NSCD authorities.
16. The agencies participating in the tenders & bidding may obtain on specific request, details about the outcome of the Tender and other related details, if any.
17. All disputes and differences between the successful bidder and the Centre of any kind except quality of workmanship and materials whatever arising out of or in connection with the order on carrying out the supply (whether during the progress of the work or after their completion and whether before or after the determination, abandonment or breach of the Terms & conditions of the order) shall be referred to the sole arbitration of a person nominated by the Director General, National Council of Science Museums, whose decision in this regard will be final and binding on both the successful bidder and the Centre.

The provisions of the Arbitration and 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's proceedings under this Clause.

18. FORCE MAJEURE

Neither party shall bear responsibility for the complete or partial non-performance of any of its obligations (except for failure to pay any sum which has become due on account of receipt of goods under the provisions of the present contract), if the non-performance results from such Force Majeure circumstances as Flood, Fire, Earth Quake and other acts of God as well as War, Military operation, blockade, Acts or Actions of State Authorities or any other circumstances beyond the parties control that have arisen after signing of the present contract. In such circumstances the time stipulated for the performance of an obligation under the present contract is extended correspondingly for the period of time of action of these circumstances and their consequences.

19. Make in India (MII)

The tender abide with GOI order date 15th June 2017 to give purchase preference to Make In India (MII) product mentioned in order. Document link as follows:

https://dpiit.gov.in/sites/default/files/publicProcurement_MakeinIndia_15June2017.pdf

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DECLARATION-I

We do hereby accept the “General Terms & Conditions” as provided by the National Science Centre along with the Tender documents for “Supply, Installation, Testing & Commissioning of “Holographic Foil & Reflective Screen” for 3d Holographic Projection based setup at National Science Centre, Delhi” and also undertake to supply the said materials at National Science Centre, Delhi strictly as per the technical specifications of National Science Centre as provided along with the tender documents, in the event of placement of any order on us. The Centre shall be at liberty to cancel the order in full or in part the event of failure of any of the above declaration made by us.

Signature of the Bidder / Constituted Attorney

DECLARATION-II

This is to certify that I/We have no close relative as an employee of the National Council of Science Museums (close relatives means: Father, Mother, Brother, Sister, Son, Daughter and Spouse) nor any such close relatives are associated with us as proprietor/partner/share holder/ director and like.

Signature of the tenderer

Address:

Official seal with date

ANNEXURE-D

NATIONAL SCIENCE CENTRE
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TECHNICAL (Techno-Commercial) BID

Notes: **ALL PARTICULARS / INFORMATION SHOULD BE GIVEN IN THE FOLLOWING FORMAT WITH COMPLETE DETAILS.**

1	Name of the Bidder		
2	Mailing address of the Bidder with PIN/ZIP Code		
3	Contact details		
	Telephone Number(s)		
	Mobile		
	Fax Number		
	E-mail Address		
	Web site		
4	Background details of the Bidder (State whether original system integrator / authorised Dealer).		
5	Name and Address of the Vendor to whom the order will be placed (NSCD prefers to procure the entire system from a single source)		
6(a)	Whether capable to Supply, installation, integration, testing and commissioning of HOLOGRAPHIC FOIL & REFLECTIVE SCREEN for 3D Holographic Projection based setup at National Science Centre, Delhi, as per minimum requirement/ and Technical Specification given in Annexure-E (Please mention “Yes” or “No”)		
6(b)	If it is mentioned “NO” above, submit detailed deviation to be made from enclosed Technical Specification. (Attach extra sheet, if required)		
6(c)	If it is mentioned “YES” above, submit the detail specifications of the offered product including copies of Product brochure.		
7	Whether agreed to offer 1 (one) Year On-Site warranty for the entire HOLOGRAPHIC FOIL & REFLECTIVE SCREEN for 3D Holographic Projection based setup at National Science Centre, Delhi		
8	Minimum down time to handle breakdown calls and/or any sort of emergencies.		
9	Single point contact details for all post- installations service related issues with hierarchy levels (if any).		

10(a)	Whether agreed to accept comprehensive AMC after the warranty period is over (State “YES” or “NO”)		
10(b)	If the answer above is “Yes”, provide detailed address and set up link from where support for maintenance during post warranty shall be offered at NSC Delhi.		
11	Whether agreed to accept the Delivery Schedule mentioned in Clause No.3 of the GENERAL TERMS & CONDITIONS FOR SUBMISSION OF TENDER. (State YES or NO)		
12	Whether agreeable to accept the payment terms mentioned in the clause no 6 of GENERAL TERMS AND CONDITIONS FOR SUBMISSION OF TENDER. (State YES or NO)		
13	If the answer is NO then mention your payment terms. (No advance payment shall be considered / released by the Centre for any reason whatsoever.		
14	Shelf-life time of the HOLOGRAPHIC FOIL & REFLECTIVE SCREEN for 3D Holographic Projection based setup at National Science Centre, Delhi, i.e. up to which period technical support as well as spare parts including consumables shall be available with the firm).		
15	Submit technical brochures indicating the detailed technical specifications of the proposed system		

I / We hereby declare that the above statements are true. I / We also declare that the decision of National Science Centre, Delhi regarding selection of eligible firm(s) / type of equipment or system / digital contents scheme for opening of Financial Bid (Part-II) shall be final and binding on me / us.

Dated

Official Seal

Signature of the Bidder/Constituted Attorney

DECLARATION ON REGISTRATION AS MSME

(Following declaration to be provided by the Bidder on the Company letterhead)

This is to certify that our Company (Name of the Company) located at (Address of the Company) has registered as MSME. The details of registration are provided below:

Sl. No.	Particulars	Details
1	Vendor Code	
2	Name of the Vendor / Company	
3	Date of incorporation	
4	Udyog Aadhaar Number	
5	GST Number	
6	PAN Number	
7	Type of Enterprise	Micro / Small / Medium
8	Major Activity	
9	Type of Organization	Proprietary / Hindu Undivided Family / Partnership / Co-operative / Private Limited Company / Public Limited Company / Self Help Group / Limited Liability Partnership / Society / Trust / Non-MSME (not a MSME)
10	Have your investment in plant and machinery crossed the prescribed limits of MSME Act	Yes / No Value (for MSME only):
11	Copy of Udyog Aadhaar	Yes / No (for MSME only):
12	Annual ceiling amount upto which they can take contract under MSME	
13	Value of orders already at hand as on date of application	

I / we undertake to keep the National Science Centre, Delhi informed if at any point in future, we cease to become MSME vendor or change in category as per the extant rules and such disclosures is entirely our responsibility. Until then, the company does not hold NSCD as responsible for any issues related to MSME

Date:

Signature of Authorized Person with Company Seal

Scope of work, Technical Specification and Bill of Quantity

Scope of Work

This is a tender for supply, installation, integration, testing and commissioning of 3D Holographic Foil & Reflecting surface of already installed Pepper ghost based 3D Holographic Projection setup at National Science Centre, Delhi. The scope of work includes supply, installation, integration, and commissioning along with onsite warranty support.

A rectangular hall with dimensions as per drawing in Annexure-‘H’ is used for the Holographic show. The area houses stage, projection area, seating arrangement and control room.

1. The successful agency shall arrange to supply Holographic film of size 5x2.8meter approx.required for creation of stage to bring out the 3D holographic effect of float in the air. The stage , projection area and visitor sitting area are as per the drawing in Annexure- H.
2. Supplying and laying of the holographic film of transparency greater than 90% and wrinkle free mounting with uniform tension arrangement, bounce screen of suitable size and of reflectivity approximately equal to unity are also in the scope of the work. This level of transparency of the holographic foil and the reflectivity of the bounce screen has to be maintained during the entire period of one years warranty. In case this necessitates cleaning/replacing of the foil/screen during the warranty period, this shall remain within the scope of the contract.
3. The fabrication, supply and installation of rustfree steel/aluminium truss structure, for mounting and stretching the holographic film shall be in the scope. The agency must consider non rusting materials and anti-corrosive treatment for all metallic structures of stage projection screen. All safety measures shall be considered while designing for safety of people and equipment.
4. The supply, installation, testing and commissioning of warm white LED strip in the visitor sitting area to ensure reasonable ambient light shall be in the scope of work,
5. Preventative maintenance shall be carried out by the agency at regular intervals during the Warranty period and a logbook to this effect shall be maintained at site.

Technical Specifications and Bill of Quantity

Holographic foil: a high-grade, optically clear projection medium used for creating realistic 3D holographic illusions through the Pepper's Ghost technique. Polyester-based material with coating to enhance light transmission and image clarity. Ultra-thin (100-200 microns), lightweight, highly durable, designed to be stretched tightly across large stage setups using tensioning frames or trussing systems. Light reflectance (around 90-97% transmission rate). Compatible with HD and 4K projectors to produce crisp, high-contrast visuals. Flame-retardant and suitable for both permanent indoor installations in controlled lighting environments.

(Preferred Make: Musion, Foilco, Galgo)

2. **Reflective screen:** Matte finish flex screen used as a reflective surface in a Pepper's Ghost installation. High-gain, PVC-based projection screen material with a uniform matte white or grey surface designed to minimize hotspotting and ambient light reflection. Gain between 1.0 to 1.5, ensuring even brightness and wide viewing angles (up to 160°), ideal for stage illusions and holographic effects. The screen material is lightweight, flexible, and can be tension-mounted or framed, supporting both front and rear projection. Diffused surface to allow consistent light dispersion, critical for achieving realistic and seamless ghost-like reflections from the Holographic film. Flame-retardant, UV-resistant, Suitable for indoor setup in controlled environments. **(Preferred Make: Foilco, Galgo or equivalent)**

1. Appropriate customised light weight stainless steel mounting arrangement of the screens mentioned above.
2. Single Color LED strip: To illuminate the visitor sitting area high quality warm white LED strip with appropriate driver/ adapter etc. shall be in the scope of work of the agency.

(Preferred Make: Philips/ Protium or equivalent)

BANK DETAILS OF NATIONAL SCIENCE CENTRE, DELHI

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
GST No.	07AAAAN2541C1Z5

TECHNICAL COMPLIANCE TABLES

Table 1: Holographic Film & Reflecting Surface Setup for Holographic projection

S. No.	Item	Specification	Compliance (yes/No)	Reason for deviation
1.	Holographic film & Reflecting Surface Setup	As per technical specification mentioned in Annexure E		
2.	Single Color LED Strip	As per technical specification mentioned in Annexure E		

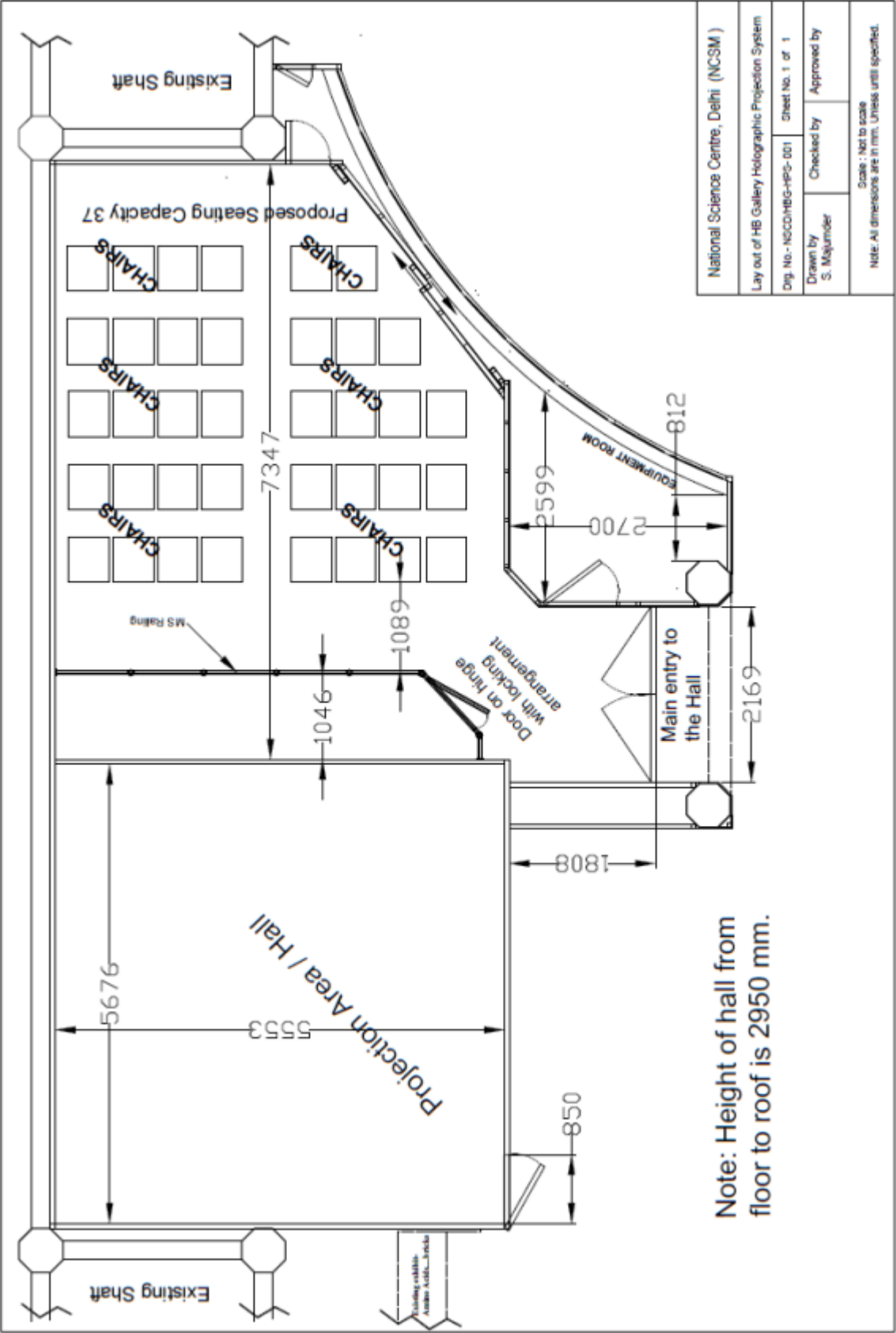
Table 2 : Delivery Schedule

Time schedule	Compliance (yes/No)	Reason for deviation
Time is the essence of the tender. The entire work of design, development, supply, installation, integration, testing and commissioning of “HOLOGRAPHIC FOIL & REFLECTIVE SCREEN” for 3D Holographic Projection Based Setup at National Science Centre, Delhi, shall be completed in time bound manner. The entire work shall be completed within 45 days from the date of placement of Letter of Intent.		

Table 3: Warranty and defect liability period

Description	Compliance (Yes/No)	Reasons for deviation, if any
The Onsite comprehensive Warranty period is for one year from the date of issue of completion certificate by NSC Delhi		

ANNEXURE-H



National Science Centre, Delhi (NCSM)			
Lay out of HB Gallery Holographic Projection System			
Drw. No. - NSCC/HB-G-001	Sheet No. 1 of 1	Checked by	Approved by
Drawn by S. Majumder			

Scale : Not to scale
 Note: All dimensions are in mm. Unless until specified.

Note: Height of hall from floor to roof is 2950 mm.

Annexure – I**BILLS OF QUANTITIES (BOQ)**

Tendering Authority: <Director, National Science Centre, Delhi>

Name of the Work: SUPPLY, INSTALLATION, INTEGRATION, TESTING AND COMMISSIONING OF “HOLOGRAPHIC FOIL & REFLECTIVE SCREEN” FOR 3D HOLOGRAPHIC PROJECTION BASED SETUP AT NATIONAL SCIENCE CENTRE, DELHI AS PER SCOPE OF WORK

Contract No. <NSCD/18011/E-Tender-17/2025-26

Name of the Bidder/ bidding firm:							
S. No.	Item Description	Qty.	Basic Rate in fig.	GST Amt.	Total Amt. without GST	Total Amt. with GST	Total Amount in word
1	Supply, Installation, Integration, Testing and Commissioning of “Holographic Foil & Reflective Screen” for 3D Holographic Projection Based Setup at National Science Centre, Delhi						
1.01	Supply, Installation, Integration, Testing and Commissioning of “Holographic Foil & Reflective Screen” for 3D Holographic Projection Based Setup at National Science Centre, Delhi as per Annexure-E.	01 Job					
Total in Figures					0.00	0.00	INR Zero Only
Quoted Rate in Words					INR Zero Only		