

राष्ट्रीय विज्ञान केंद्र, दिल्ली में नेटवर्क और हार्डवेयर  
कॉन्फ़िगरेशन के साथ सामग्री प्रबंधन प्रणाली  
(सीएमएस) की आपूर्ति, स्थापना, परीक्षण और  
कमीशनिंग हेतु ई-निविदा

E-TENDER  
FOR  
SUPPLY, INSTALLATION, TESTING  
AND  
COMMISSIONING  
OF  
CONTENT MANAGEMENT SYSTEM (CMS)  
WITH NETWORK & HARDWARE  
CONFIGURATION  
AT  
NATIONAL SCIENCE CENTRE, DELHI



**NATIONAL SCIENCE CENTRE**  
(NATIONAL COUNCIL OF SCIENCE MUSEUMS)  
BHAIRON ROAD, NEAR GATE NO. 2, PRAGATI MAIDAN  
NEW DELHI – 110 001

NATIONAL SCIENCE CENTRE  
(National Council of Science Museums)  
Bhairon Road, Near Gate No. 2, Pragati Maidan,  
**New Delhi – 110001**

**NOTICE INVITING E-TENDER**

**TENDER No. NSCD/18011/E – Tender – 31 / 2025-26**

On-line digitally signed E-Tenders are invited for Supply, Installation, Testing and Commissioning of Content Management System with Network & Hardware Configuration at National Science Centre, Delhi as per the Centre's Technical specification & Scope of Work of Map Provided in the tender document. Vendors having proven experience and capability of executing the order at a time may download the Tender Papers from Central Public Procurement Portal (CPPP): <http://eprocure.gov.in/eprocure/app> or from Centre's website [www.nscdelhi.org](http://www.nscdelhi.org) or [www.nscd.gov.in](http://www.nscd.gov.in) as per the following schedule:-

Bid Document Published Date	11/11/2025 04:00 PM
Bid Document Download Start Date	11/11/2025 04:10 PM
Bid Clarification Start Date	11/11/2025 04:15 PM
Bid Submission Start Date	12/11/2025 12:00 PM
<b>Visit to the NSCD Venue &amp; Pre-bid Meeting</b>	<b>14/11/2025 12:00 PM</b> <a href="https://meet.google.com/oos-znbo-ops">https://meet.google.com/oos-znbo-ops</a>
Bid Clarification End Date	17/11/2025
Bid Document Download End Date	01/12/2025 02:00 PM
Bid Submission End Date	<b>01/12/2025 02:00 PM</b>
Technical Bid Opening Date	<b>02/12/2025 02:30 PM</b>
<b>Technical Presentation Date</b>	<b>To be notified later</b>
Financial Bid Opening date	<b>To be notified later</b>
Earnest Money Deposit	24,000/-
Estimated Cost	<b>800000/-</b>

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 National Science Centre, Delhi at 02:30 PM on 02/12/2025 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.

**Note: - The Technical Presentation will be held at Conference Hall of NSC, Delhi**

## **ELIGIBILITY CRITERIA FOR APPLYING**

1. Interested firms/tenderers must have experience of deploying the Content Management System m for advertising/broadcasting including hardware to any institutions / PSU/ Corporates/ Govt organizations/ Autonomous Organization.

- Total financial turnover of the firm/ tenderer should be 20 lakhs or more for past three financial years. Necessary papers and tax return acknowledgement received from the Income Tax department may please be attached.

CMS System is defined as

## **EVALUATION METHODOLOGY**

Evaluation Methodology will have two stages:

Stage 1 – General cum Technical Bid Evaluation

Stage 2 – Financial Bid Evaluation

## **GENERAL CUM TECHNICAL BID EVALUATION**

The evaluation will involve validating the credentials submitted in the format as prescribed in Annexure 'B'. Credentials without valid proof will be invalid and will not be considered for eligibility. NSCD reserves the right to accept or reject proof of credentials at its sole discretion without having to give reasons to the Bidders thereof. The following weightage criteria will be adopted during technical evaluation:

Sl. No.	Evaluation Criteria/Parameter	Max. Score	Bidder's Score
1	Quality as per specifications mentioned in scope of work	<b>25</b>	
2	Software integration with network configuration	<b>20</b>	
3	Existence / Formation of the Agency		
	More than 10 years	<b>15</b>	
	More than 5 years	<b>10</b>	
	Less than 5 years	<b>5</b>	
4	Experience - The Agency's experience in the field of similar nature of work in the last 8 years:		
	Having successfully completed 5 similar projects-	<b>40</b>	
	Having successfully completed 3 similar projects-	<b>30</b>	
	Having successfully completed 1 similar projects-	<b>20</b>	

**Similar project is defined as the Content management system for the broadcasting of the multimedia content on various digital kiosks (at least 30 nos) through the network. The CMS is delicately used in the different institution for broadcasting purposes.**

## **EVALUATION OF FINANCIAL BID**

- a) The financial bid will be opened for only those bidders who will score minimum of 65% in the technical bid evaluation.
- b) The bidders who qualify in the Technical Bid will be eligible for evaluation under the Financial Bid.
- c) The order shall be awarded to the L1 bidder (the bidder quoting the lowest price) based on the financial evaluation.
- d) The financial bid must clearly indicate details of applicable taxes and duties levied on the basic cost
- e) In the event, composite bid scores are “tied”, the bidder securing the highest technical score will be declared as the Best Value Bidder for award of the Project.

## CHECK LIST

**Check list of Tender No. NSCD/18011/E-Tender – 31 / 2025-26** for Supply, Installation, Testing and Commissioning of Centralized Content Management System at National Science Centre, Delhi.

<b>Sl. No.</b>	<b>Description</b>	<b>Yes</b>	<b>No</b>
01.	Whether E-Tender uploaded in Two parts (i.e. Technical & Commercial) separately. Please note that one set of original signed bid must be delivered at NSC, Delhi before the time of opening Technical Bid.		
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 ₹24,000/- submitted by NEFT/RTGS/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 opening time of Technical Bid.		
05	Whether Declaration regarding Non-relation, duly signed and stamped, and scanned copy of the same uploaded as Part – I of the Tender in Central Public Procurement Portal. <b>Annexure C</b>		
06	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. <b>Annexure C</b>		
07	Did you visit the actual site for execution of the work?		
08	Software name with features (Please attach Brochures)		
09	Hardware Details (Make/Model and Specification)		

Date:

Signature of the Tenderer

Place :

Official Seal

## General Information and Instructions

1. The instructions given herein will be strictly binding on the bidders and deviation, if any will make the tender or tenders liable to be considered invalid. Tenders incorporating additional conditions by the bidder are liable for rejection.
2. Bids shall be submitted online only at CPPP website: <https://eprocure.gov.in/eprocure/app>  
Manual bids shall not be accepted.
3. The instructions given in “**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. An agent of foreign OEM, for submitting the offer on behalf of OEM, would be required to produce a copy of their legal bid agreement with their principal and a copy of registration / enlistment with DGS&D as an Indian agent failing which their bid would be disqualified.
6. Bid should be submitted along with the **Earnest Money of ₹24,000/- (Rupees Twenty-Four Thousand Only)** by way of crossed Demand Draft / Pay Order on any of the commercial banks or payment online by NEFT / RTGS 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 drawing & 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.
7. **Validity of Bids: The Bids should remain valid for 90 days from the date of opening of Financial Bid.**
8. **Rejection of Bids:** Canvassing by the Bidder(s) 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 Instructions will disqualify the Bid.
9. The Bidders should have Digital Signature Certificate (DSC) for filling up the Bids. The person signing the tender documents should be authorized for submitting the on line e-tender.
10. The Bidders shall fill up the Prescribed Format for submission of **Technical Bid as per “Annexure-B”** format duly signed by the authorized signatory. The person signing the tender document should be authorised for submitting the online e-tender.
11. The Financial Bid (BOQ) shall be filled in and signed by the authorized signatory online as per Proforma “**Annexure- H**” available at Central Public Procurement Portal e-tender system website <http://eprocure.gov.in/eprocure/app>. off line Financial Bid shall not be accepted

**12. DOCUMENTS COMPRISING THE BID:**

The bids prepared by the bidder shall comprise of

- (1) The Technical Bid and
- (2) Financial Bid

TECHNICAL BID: -

Tender must be uploaded in two separate sets- namely set-1 (Technical Bid) and set-2 (Financial Bid). The set-1 will comprise of

**Set - 1**

- i) “Technical Bid” (as per **Annexure-B** format) duly filled in and digitally signed with official stamp. Upload scanned copy.
- ii) All relevant documents related to “Technical Bid” as per “**Annexure-B**”. Upload scanned copy.
- iii) The Technical Brochures of each equipment with technical explanation for every feature of the product offered by the bidders. Upload scanned copy.
- iv) The scanned copy of the Demand Draft for `24,000/-/- (**Rupees Twenty-Four Thousand only**) as Earnest Money Deposit.
- v) The scanned copy of “General Terms & Conditions” (**Annexure-D**) duly signed by the Authorized Signatory with official stamp as a token of acceptance of the bidders.
- vi) The scanned copy of “Bill of Quantity” (**Annexure-E**) duly signed by the Authorized Signatory with official stamp as a token of acceptance of the bidders.
- vii) Scanned copy of Declarations at **Annexure C**

**Set-2**

- i) The “Financial Bid (BOQ)” (as per **Annexure- H** format) i.e. Schedule of Price Bid in the form of attached Proforma duly filled in and digitally signed

**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.

The Cover-1, i.e. Technical Bid shall be opened by the Centre at the first instance and evaluated by the competent authority of the Centre.

At the second stage, the Set-2 containing Financial Bid of only techno-commercially acceptable offers shall be opened for further evaluation and ranking before awarding the contract. Date of opening of the financial (Price) bid shall be intimated to only such vendors who will be finally qualified at technical stage.

- 13.** Authorities of National Science Centre, Delhi do not bind themselves to accept mere lowest tender and reserves the right to reject or accept any or all tenders wholly or partially without assigning any reason whatsoever.

14. Order shall be placed in favour of a single agency considering the total cost arrived based upon **CONSOLIDATED** BOQ as per **Annexure-H**.

**NATIONAL SCIENCE CENTRE,  
NEAR GATE NO. 2, PRAGATI MAIDAN  
BHAIRON MARG, NEW DELHI-110001**

**TENDER No. NSCD/18011/E-Tender – 31 / 2025-26**

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

**SEARCHING FOR TENDER DOCUMENTS**

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

## PREPARATION OF BIDS

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

## SUBMISSION OF BIDS

1. Bidders should log-in to the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidders will be responsible for any delay due to other issues.
2. The bidders have to digitally sign and upload the required bid documents one by one as indicated in the tender document.
3. Bidders have to select the payment option as “offline” to pay the requisite Earnest Money Deposit (EMD) / Tender fee and enter detail of the instrument.
4. **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 DD/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.**
5. 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 white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidders). No other cells should be changed. **In case no rate value is required to be quoted in any particular cell, that cell may be kept blank, figure „0” (zero) shall not be entered in such cell(s).** Once the details have been completed, the bidders should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidders, the bid will be rejected.
6. The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referring the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.

7. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128-bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
8. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
9. Upon the successful and timely submission of bids (i.e. after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message and a bid summary will be displayed with the bid number and the date & time of submission of the bid with all other relevant details.
10. 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.

### **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 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.
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**NATIONAL SCIENCE CENTRE,  
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**TENDER No. NSCD/18011/E-Tender – 31 / 2025-26**

**TECHNICAL BID**

Notes: **All Particulars / Information Should be given in the following format with Complete Details.**

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

<b>10</b>	Whether agreed to accept the Delivery Schedule mentioned in Clause No.3 of the <b>GENERAL TERMS &amp; CONDITIONS FOR SUBMISSION OF TENDER.</b> ( State YES or NO )		
<b>11</b>	Whether agreeable to accept the payment terms mentioned in the clause no 7 of <b>GENERAL TERMS AND CONDITIONS FOR SUBMISSION OF TENDER.</b> ( State YES or NO)		
<b>12</b>	If the answer is NO then mention your payment terms. (No advance payment shall be considered / released by the Centre for any reason whatsoever.		
<b>13</b>	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**

NATIONAL SCIENCE CENTRE  
(National Council of Science Museums)  
Bhairon Road, Near Gate No.2, Pragati Maidan,  
New Delhi - 110 001.

**DECLARATION**

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.

Address :

Signature of the tenderer

Official seal with date

**DECLARATION – II**

We, do hereby accept the General Terms and Conditions as provided by the National Science Centre, Delhi along with tender documents for “**Supply, Installation, Testing and Commissioning of Content Management System with Network & Hardware Configuration at National Science Centre, Delhi**” and also undertake to execute the job strictly as per the specifications of NSC, Delhi as provided along with the tender documents. National Science Centre, Delhi shall be at liberty to cancel the order in full or in part and forfeit the Earnest Money Deposit or Security Deposit retained with them in the event of failure of any of the declaration made by us.

Signature of the tenderer / Constituted Attorney.  
(With date and Official Seal)

**NATIONAL SCIENCE CENTRE,  
NEAR GATE NO. 2, PRAGATI MAIDAN  
BHAIRON MARG, NEW DELHI-110001**

**GENERAL TERMS AND CONDITIONS FOR SUBMISSION OF TENDER** for Supply, Installation, Testing and Commissioning of Centralized Content Management System at National Science Centre, Delhi.

- 1. PRICE:** The rates quoted/indicated shall include cost of all Equipment, labor supervision and all working accessories, tools and tackles, reliable standard testing equipment, etc. and including all handling charges for Supply, Installation, Testing, Commissioning of the system as specified in Annexure-E “Bill of Quantity”, in the tender document along with warranty (3 Year) of the complete system. **The rates of GST and other taxes/levies to be imposed on the cost of the system shall have to be clearly and separately mentioned.** Price and rate quoted shall be firm and fixed for the entire period of execution of the work and no escalation of rate on any ground whatsoever shall be allowed.

The rates of GST and other taxes / levies to be imposed on the quoted rates shall be clearly mentioned in the offer form with proper break-up. No Tax exemption (Form C/E/D) will be issued. Prices and rates quoted shall be firm and fixed for the entire period of execution of the order and no escalation of rates on any ground whatsoever shall be accepted.

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.

2. The successful tenderer shall submit the following documents within **07 (Seven)** days from the date of placement of Letter of Intent.
  - i) Duplicate copy of the Purchase 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. 06 of General Terms & Conditions

- 3. TIME OF COMPLETION:** Time is the essence of the tender. The entire work viz. Supply, Installation, Testing & Commissioning of the system shall be completed in time bound manner. The entire work shall be completed within **25 (Twenty five) days** from the date of placement of Letter of Intent.

For non-compliance of any of the above terms and non-delivery of the tendered item complete in all respects within the above stipulated period, the Centre shall either cancel the order or impose penalty as detailed in clause 4 below. The Centre reserves the right to cancel the order and no payment will be made under such condition. Decision of the Centre in this regard shall be final and binding on the successful tenderers.

- 4. PENALTY CLAUSE:** The successful Tenderer shall strictly observe the time allowed for carrying out the job as detailed in clause No. 3. The job 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 Tenderer shall pay to the Centre, an amount equal to 1% of the amount of the order value for every week that the delivery may remain incomplete as per delivery schedule as stipulated in clause no. 3, subject to a maximum compensation of 10% of the order value and after that period appropriate action will be taken by the Centre, as it will deem fit.

The Centre may extend the time of delivery of the tendered job at its discretion on the application of the successful tenderer for such purpose provided that it considers the reasons for such extension as good, sufficient and acceptable.

- 5. BILL OF QUANTITY:** As per Annexure “E”

- 6. SECURITY DEPOSIT:** The successful tender shall deposit 10% of the gross value of the work awarded, as refundable security deposit after adjusting the EMD already deposited with this NIT, which is to be paid Online or in the form of Bank Draft / Banker’s cheque by the tenderer in favour of ‘National Science Centre, Delhi’ as per Bank Details given in the Tender document. The Security Deposit of the successful tenderer shall be released after completion of Three Year Defect Liability Period.

**7. 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.04), 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.

- 8.** In case, the successful Tenderer refuses to accept the offer after finalization or does not comply with the Clause No.2 within 03 (Three) days from the date of placement of the order as per the finalized and accepted terms and conditions, the order shall be cancelled forthwith without any further reference and the EMD will be forfeited.
- 9. DEFECT LIABILITY PERIOD:** The Defect Liability period shall be **Two (02) years** 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 hardware, etc. for a period of three years 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.
- 10.** Every effort should be made to complete the work by the successful Tenderer within the specified time schedule. In case the successful tenderer fails to comply with Clause No.3 i.e., the specified time schedule as per the finalized and accepted terms and conditions the Centre

shall have the rights to either impose Penalty Clause or cancel the order forfeiting the EMD. The decision of the Centre in this regard shall be final and binding on the successful Tenderer.

11. Bad quality workmanship will not be accepted and if carried out is liable to be rejected and should be rectified by the successful Tenderer at his cost as per specifications and directions given by the authorized representatives of the Centre. The decision of the Centre, as to items of bad quality workmanship and proper rectification, will be final and binding on the successful Tenderers.
12. Specifications of the items under tender are enclosed for guidance. However, if any ambiguity in the specification is detected, it shall be promptly brought to the notice of the National Science Centre, Delhi for clarification. The successful bidder should obtain written approval from competent authority of NSC Delhi for any deviation from the approved specifications, if required due to site conditions or for betterment and safety of visitors and installations.
13. The successful Tenderer shall submit necessary trade and other licenses as may be required to carry on the tendered job and shall also be responsible for compliance at his/her own cost of all rules and regulations, enforced from time to time by the appropriate authorities.
14. The successful Tenderer shall not under any circumstances whatsoever transfer wholly or partly the contract/agreement/Purchase Order to any other person(s)/firm/company or assign the agreement or benefits of this agreement to any other party for any reason whatsoever. Otherwise the order/ agreement will automatically stand cancelled.
15. The authorities of NSC Delhi do not bind themselves to accept the lowest tender and reserves the right to accept or reject any or all tenders wholly or partially without assigning any reason whatsoever.
16. The authorities of the Centre, reserve the right to amend, alter or modify the terms and conditions mentioned above, if necessary, from time to time.
17. Income Tax and TDS on GST shall be deducted at source, if applicable, from each bill/claim of firm as per prevailing Government rules.
18. Incomplete offers, i.e. offers received without prescribed “General Terms & Conditions” & Technical Specifications” shall be rejected straightway without reference to the tenderer.
19. The agency must have valid GST/TIN/WCT/PAN number and attach a documentary proof with the Tender. Bidders are requested to enclose a copy of their valid certificate of PAN/TAN/GST or any other document as requested by the Institute with their tender.
20. The agency shall take care of all statutory obligations as are required under the Contract Labour Regulation Act, etc.
21. The offer shall be valid for a minimum period of 3 months from the date of opening of the tender.

- 22.** The agencies participating in the tender and bidding, may obtain on specific request, details about the outcome of the tender and other related details, if any.
- 23.** National Science Centre will not be liable for any injury or death of an employee who is deployed by the successful bidder within/outside the work site during the time of execution of the work order.
- 24.** All disputes and differences between the successful tenderer 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 of the work (whether during the progress of the work or after their completion and whether before or after the determination, abandonment or breach of the terms and conditions of the order) shall be referred to the sole arbitration of a person nominated by the Director General, National Council of Science Museums, whose decision in this regard will be final and binding on both the parties – the successful Tenderer 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.

**BILL OF QUANTITY**

<b>Sl. No.</b>	<b>Equipment required</b>	<b>Qty.</b>	<b>Unit</b>	<b>App. Rate</b>	<b>App. Cost</b>
1	Server License for Centralized Content Management Software (lifetime validity)	1	No.		
2	Client License for CCMS	20	Nos.		
3	Windows Server	1	No.		
4	Annual Maintenance Price for the server and Client	1			
	<b>Total App. Cost (GST excluding)</b>				
	<b>GST @18%</b>				
	<b>Total App. Cost (GST including)</b>				

## Scope of Work (SoW) for SITC of Content Management System (CMS) with Network and Hardware Configuration

### 1. Objective

To Supply, Installation, Testing and Commissioning (SITC) a **Content Management System (CMS)** integrated with a dedicated network setup, including IP configuration, to manage, schedule, and distribute digital content across multiple display units strategically positioned within the **National Science Centre, Delhi (NSCD)**. Following scope of Work are required to be followed by the agency.

### A. CMS Supply Installation and testing

1. Installation and configuration of a robust CMS platform capable of centralized content control for the DS controller.
2. The CMS should have on Local Server with Web Based Login Interface. The provision of internet weblink should be there.
3. Creation of a user-friendly interface for content upload, scheduling, monitoring, and management.
4. Support for multiple media formats (video, images, animations, interactive modules).
5. Role-based access control for administrators, editors, and operators.
6. Provision for real-time updates and remote management of display content.
7. Logging and reporting system for content usage, uptime, and system health.
8. The CMS should have option to split a single screen into various zones to advertise various content on each zone. The CMS and Client CMS should have features to split Digital display into different layers or different zones based on the pixel area, So that different multimedia can be displayed.
9. The CMS has the property to switch off/on all the integrated client system via network.
10. The CMS has features to select individual Client display for the content display and modification.
11. The CMS has features to detect the client module to be ON/OFF. The agency should be required to install all CMS system in the Windows Server Hardware as provided in the specification.
12. **The Client License for CMS will be compatible with the Amlogic Model TX3 CPU, Android version 9.0 Kernal version 4.9.113, Box having ARM-Cortex A55 1.91 GHz processor. The Android CPU Box will be supplied by NSCD.**
13. The digital standee are placed at different strategic locations of various floors. at the centre.

### B. Server Setup

1. Procurement, installation, and configuration of a dedicated content server at the designated Machines. The vendor will configure the content server and Operating system/server in the designated Machine.
2. Implementation of backup and redundancy measures to ensure uninterrupted service.
3. Security hardening of the server, including firewall configuration, antivirus setup, and user authentication policies.

4. Integration of the server with existing IT infrastructure of NSCD.

### **C. Network Setup & IP Configuration**

1. Establishment of a secure and scalable LAN/WAN network architecture to connect the central CMS server with all display units.
2. Configuration of switches, routers, and firewalls to enable seamless connectivity.
3. Network infrastructure with IP allocation for each display unit.
4. Assignment and management of static IP addresses for each display unit for reliable communication.
5. Network monitoring and diagnostics tools setup to ensure uptime and fault localization.
6. Documentation of IP schema, network diagrams, and device configuration details.
7. **The agency should configure the Network controlled by Ruckus Zone Director 1200. The access point on various locations are either TP LinK Router model / Ruckus Access point.**

### **D. Display Integration**

1. Installation of media players/clients at each display point, integrated with the CMS. The CMS must be integrated with the media client module having Android system.
2. Synchronization of content across displays located at strategic positions.
3. Provision for both centralized scheduling and localized playback control.
4. Testing and calibration of display units to ensure optimal performance.

### **E. Training & Handover**

1. Training sessions for NSCD staff on CMS usage, content scheduling, and troubleshooting.
2. Handover of system manuals, user guides, and technical documentation if any.
3. Final acceptance testing and sign-off after successful demonstration.

### **4. Compliance & Standards**

- All configurations shall adhere to industry-standard protocols (TCP/IP, DHCP, DNS, VLAN).
- Security compliance in line with Government of India IT policies.
- Scalable architecture for future expansion.

## **B: Hardware Requirement:**

Technical Specification for Workstation, Display and Accessories

Item: Server - 1 no

Form type : Rack server

1. Processor (CPU)
  - Intel Processor: 3rd Gen Intel Xeon Scalable Family
  - Base Frequency: 2.4 GHz or higher
  - Cache Memory: Minimum 16 MB L3 Cache
- Support for 64-bit architecture and virtualization technology (VT-x, VT-d)
- ECC Memory Support
2. Memory (RAM)
  - 16 GB DDR5 ECC RAM (Expandable up to 64 GB or more)

- Minimum 2 DIMM slots for future expansion
3. Storage
    - Primary Drive: 2 TB NVMe PCIe SSD better with RAID configuration
  4. Graphics
    - Integrated professional graphics and Support for DirectX 12, OpenGL 4.6, and Vulkan API
  - **Display** : 1 no. x 27-inch IPS Display with Native resolution: 4K UHD (3840 x 2160) (Aspect Ratio: 16:9, Contrast ratio: 2000:1, Brightness: 350 nits, 1 DisplayPort, 1 HDMI 2.0) with all accessories & Display port Cable
  5. Operating System
    - Windows Server 2012 or above, the OS that supports the above integrated CMS system
    - Fully licensed and activated perpetual
    - Preconfigured with Internet Information Services (IIS) for web hosting and application deployment if any
  6. Connectivity & Ports
    - Network: Integrated Gigabit Ethernet (10/100/1000 Mbps)
    - USB Ports: Minimum 4 (at least 2 × USB 3.2 Gen 2)
    - Display Ports: HDMI / DisplayPort as applicable
    - Audio: High-definition audio with mic and headphone ports
  7. Power Supply and accessories
    - Minimum 700W or better Energy-efficient and compatible with high-performance components
    - Keyboard and Mouse
    - Duty Cycle: 24 X 7
  8. Cooling System
    - Advanced thermal solution with multiple fans
    - Noise level ≤ 40 dB during full operation
  9. Certification
    - BIS Certified
  10. Warranty and Support
    - Minimum 3 Years Comprehensive On-Site includes of parts, labour and on-site repair anywhere in India.

- **OEM-provided technical support and software updates for at least 5 years**
- **OEM supplied Server model warranty details must be available in the OEM portal against the serial number (kindly provide the link) All components should be from the same OEM**

Accessories for networking : RJ45 Cable : 500 meters/ Router as per requirement.

#### **Deliverables**

- A Fully functional **CMS, Client CMS, Server Hardware and network integration.**
- Client software for twenty units/Display units to be installed on the Android media system.
- Technical documentation (system design, IP configuration details, user manuals).

- 2 years of comprehensive warranty with support for CMS setup, server and network configuration, display integration.
- The server workstation (the technical specification is attached) for the CMS to be provided by the vendor.
- The hardware for the client Display (Android media cpu) and infrastructure support (electrical points, internet connectivity) will be provided by NSCD.

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