



संस्कृति मंत्रालय  
भारत सरकार  
Ministry of Culture  
Government of India



नेहरु विज्ञान केन्द्र  
राष्ट्रीय विज्ञान संग्रहालय परिषद की इकाई  
संस्कृति मंत्रालय, भारत सरकार

**NEHRU SCIENCE CENTRE**  
A Unit of National Council of Science Museums  
**Ministry of Culture, Government of India**  
Dr. E. Moses Road, Worli, MUMBAI-400018

**TENDER DOCUMENTS**  
FOR

**Supply, Installation, Testing and Commissioning of**  
**CCTV SURVEILLANCE SYSTEM**  
**FOR OUTDOOR PERIPHERY CAMERAS**

**AT**

**NEHRU SCIENCE CENTRE**  
**DR. E. MOSES ROAD, WORLI,**  
**MUMBAI-400 018**

(Tender ID: NSCM/18012/306/2026)



## नेहरु विज्ञान केन्द्र/NEHRU SCIENCE CENTRE

राष्ट्रीय विज्ञान संग्रहालय परिषद् की इकाई/

A unit of National Council of Science Museums

डॉ. ई. मोसेस मार्ग, वर्ली, मुंबई/Dr. E. Moses Road, Worli, Mumbai-400 018

Tel. No.022 31059028, E-Mail: [spo@nehrusciencecentre.gov.in](mailto:spo@nehrusciencecentre.gov.in)

### LIST OF DOCUMENTS

Sl.No.	Annexure	Details
1	Annexure-A	Instruction for Online Bid Submission
2	Annexure-B	General Terms & Conditions
3	Annexure-C	Declarations
4	Annexure-D	Technical (Techno-commercial) Bid & Checklist of Document Submitted
5	Annexure-E	Technical Specification and Scope of Work
6	Annexure-F	Deviation Statement Sheet (if any) duly signed and sealed
7	Annexure-G	The Financial Bid format to be uploaded in CPP Portal (Rate Quote Sheet – BoQ.xls)



## नेहरु विज्ञान केन्द्र/NEHRU SCIENCE CENTRE

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### NOTICE INVITING E-TENDER

#### TENDER NO.NSCM/18012/297/2025

Online digitally signed e-Tenders are invited for **Supply, Installation, Testing and Commissioning of CCTV Surveillance System for outdoor periphery cameras at Nehru Science Centre, Mumbai** strictly as per the Technical Specifications and Terms & Conditions enclosed herewith. Bidders who have the necessary infrastructure and financial 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> as per the following schedule:-

Bid document Publishing Date	06.01.2026, 16.30 hrs
Bid document download Start Date	06.01.2026, 16.30 hrs
Bid document download End Date	26.01.2026, 14.00 hrs
Bid submission start date	06.01.2026, 15.30 hrs
Bid submission end date	26.01.2026, 14.30 hrs
Period of completion of work	21 days
EMD	₹18,900/-
Technical (Techno-Commercial) Bid opening date	27.01.2026 14.30 hrs

The online Bid both Technical (Techno-Commercial) Bid and Financial Bid duly furnished in Cover-I and Cover-II respectively should be uploaded by the due date and time as per the above schedule. The responsibility to ensure this lies with the Bidder. Off-line Tender shall not be accepted and no request in this regard will be entertained whatsoever. Online Technical (Techno-Commercial) Bids will be opened at the first instance in this Office at **14.30 hrs. on 27.01.2026** for Technical Evaluation as well as selection of Techno-Commercially acceptable offers and at the second stage, the Financial Bids of only the selected and Techno-Commercially offers will be opened at a date to be notified in the Portal later. The decision of Nehru Science Centre, Mumbai (NSCM) regarding selection of eligible and qualified Bidders / firms for opening the Financial Bids shall be final and binding on the Bidders. Bidders may be present during opening of Tenders, if required.

Nehru Science Centre, Mumbai, reserves the right to accept or reject any or all Tenders in full or part without assigning any reason whatsoever. NSCM shall also not be bound to accept merely the lowest Tender but the Technical & Financial capability and proven infrastructure to execute the work within the scheduled time frame etc., shall be of prime consideration for selection of the Bidder.



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### GENERAL INFORMATION AND INSTRUCTIONS

1. The instructions and specifications given herein will be strictly binding on the Tenderers and deviation, if any, makes 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 at CPPP website: <http://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. Validity of Bids: The Bids should remain valid for acceptance for **90 days** from the date of opening.
6. 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.
7. The Tenderers should have Digital Signature Certificate (DSC) for filling up the Bids. The person signing the Tender documents should be authorized for submitting the online e-Tender.
8. The Financial Bid (BoQ) shall be filled in and signed by the authorized signatory online as per Proforma **Annexure-F** available at Central Public Procurement Portal e-Tender system website: <http://eprocure.gov.in/eprocure/app>. Offline Financial Bid shall not be accepted.
9. **Tender must be uploaded online by the Bidder in two separate covers marked Cover-I and Cover-II. The contents of Cover-I and Cover-II will be as follows:**

#### Cover-I (Technical)

- i) Scanned copy of Demand Draft / Pay Order for **₹18,900/-** drawn in favour of **NEHRU SCIENCE CENTRE** payable at **MUMBAI** towards Earnest Money Deposit. Original must be sent to Nehru Science Centre, Dr. E. Moses Road, Worli, Mumbai-400018 by speed post / courier / by-hand so as to reach the same before the stipulated due date of opening of Technical Bid.

EMD can also be deposited by electronic fund transfer mode through RTGS/NEFT to the Bank account of Nehru Science Centre, Mumbai, details of which are as follows:

Name of the Account Holder	NEHRU SCIENCE CENTRE
Account No.	0113101027501
IFSC Code	CNRB0000113
Bank Name	CANARA BANK
Branch	Worli Branch
MICR CODE	400015069

In case of RTGS/ NEFT, the receipt of transaction to be uploaded.

OR

Scanned copies of valid and updated certificates issued by NSIC under Single Point Registration Scheme (SPRS) and MSME Registration certificate in .PDF format should be uploaded for considering the waiver of EMD submission. In addition, the bidders registered under Department of Micro, Small and Medium Enterprises (MSME) and/or eligible for exemption from submitting Bid Security / Earnest Money Deposit for similar services shall be required to submit Bid Security declaration as per Annexure-C of the e-NIT.

- ii) Scanned copy of **General Terms & Conditions** as detailed in **Annexure-B** duly signed with official stamp as a token of acceptance of the Terms & Conditions.
- iii) The **Declarations** of the Bidder as detailed in **Annexure-C** duly signed by the authorized signatory with official stamp.
- iv) **Technical (Techno-commercial) Bid and Check-List** as per **Annexure-D** format duly filled in, stamped and signed by the authorized signatory.
- v) Technical Specifications and Scope of Work as per **Annexure-E** duly signed with official stamp as a token of acceptance for execution of the Tendered job.
- vi) Deviation Statement Sheet as per **Annexure-F** duly signed and sealed.
- vii) Scanned copy of the current and valid PAN, GST Certificate, Trade License, Authorised Dealership Certificate from Manufacturer (if the Bidder is a dealer) duly self-attested with official stamp.
- viii) Scanned copies of detailed work order in support of similar works executed with Central / State Government Departments, PSUs, Autonomous Bodies, Reputed Private Sector (BSE/NSE Listed) during the last 3 years Educational Institutions/Theatres etc ending last day of month previous to the one in which applications are invited should be either of the following:
  - a) Three (3) similar completed works each costing not less than the amount equal to 40% of estimated cost.
  - b) Two (2) similar completed works each costing not less than the amount equal to 50% of the estimated cost.
  - c) One (1) similar completed work costing not less than the amount equal to 80% of the estimated cost.

OR

10. **The hard copies of all the above documents must be submitted to this Centre before due date i.e.14.30 Hrs. on 27.01.2026.**

In case the Bidder fails to submit any of the documents as stated above, the other part of their Tender i.e. 'Cover-II' shall not be considered for further download and shall be rejected straightway without any further reference. The Technical Bids and other documents i.e. 'Cover-I' will be downloaded and evaluated at the first stage to select the techno-commercially capable and competent bidders. At the second stage, Financial/Price Bids i.e. 'Cover-II' of only the Techno-Commercially acceptable offers will be downloaded and evaluated for further ranking before awarding the contract. After opening of 'Cover-I', if all the bids are found Techno-Commercially unacceptable, the Financial (Price Bid) Bids i.e. 'Cover-II' submitted by the bidders against this Tender shall not be opened/downloaded for obvious reasons.

**Cover-II (Financial)**

- (i) The Financial Bid (**as per given .xls format**) i.e. Rate Quote Sheet in the form of attached BoQ Proforma duly filled-in, digitally signed and uploaded online by the Bidder alongwith the Cost Breakup Sheet (as per given in .pdf format) of the Financial Bid.
- (ii) The authorities of Nehru Science Centre, Mumbai, 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.

11. It may be noted that the Technical Bid Envelope which are not found in order as per requirements may be summarily rejected.

12. Earnest Money Deposit is liable to be forfeited if the successful e-tenderer/bidder selected for the work fails to sign the formal agreement within 07 days from the date of issue of Letter of Intent to them by the Museum/Centre.

13. The selected tenderer will be issued a Letter of Intent by the Museum/Centre and given 07 days mobilization time which shall be counted from the date of issue of the Letter of Intent. Within the mobilization time the tenderer must scrutinize all the requirements, time of completion, specifications, etc. and obtain clarifications from the Competent Authority. During the mobilization time, the tenderer shall also mobilize all their resources including men and materials, obtain the supply of necessary required items for installation / construction, erect temporary storage facility at site if necessary and sign an Agreement with Museum/Centre in approved format at site on a non-judicial stamp paper of proper denomination. The date of commencement of work shall be the date of issue of Letter of Intent.

**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, Mumbai against submission of supporting documentary evidence.



## नेहरु विज्ञान केन्द्र/NEHRU SCIENCE CENTRE

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Tel. No.022 31059028, E-Mail: spo@nehrusciencecentre.gov.in

### 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 have to select the payment option as "offline" to pay the requisite Earnest Money Deposit (EMD) and enter detail of the instrument.
- 4) Bidders should submit the EMD or Exemption Document 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. Bidders are requested to note that they should necessarily submit their financial bids in the rate quote sheet format provided (.xls) and upload it in the cpp portal. 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. **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).** Bidders are required to download the BOQ file in .xls format, open it and quote the Rate and fill 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 file name. If the BOQ file is found to be modified by the bidder, the bid will be rejected.
- 6) 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.
- 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 openers 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 & a bid summary will be displayed with the bid no. 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 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 3070 2232.
3. Any queries relating to the Tender may be addressed to [spo@nehrusciencecentre.gov.in](mailto:spo@nehrusciencecentre.gov.in) with proper credentials of the bidders.

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## नेहरू विज्ञान केन्द्र/NEHRU SCIENCE CENTRE

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### GENERAL TERMS AND CONDITIONS FOR SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF CCTV SURVEILLANCE SYSTEM FOR OUTDOOR PERIPHERY CAMERAS AT NEHRU SCIENCE CENTRE, MUMBAI

Bidders should have necessary infrastructure and facilities so as to take-up the job of SITC of tendered items strictly as per enclosed specifications with required financial capability at Nehru Science Centre, Mumbai (NSCM).

#### 1. Price:

The price and rates quoted/indicated in the enclosed 'BoQ (Offer Form)' shall include cost of all materials, labour for supply, installation, commissioning, testing, painting, finishing, scaffolding, labour supervision, transportation etc. and all working accessories, tools and tackles, reliable standard testing equipment etc. and all incidental charges, import/shipping charges, custom clearance charges etc. for **Supply, Installation, Testing and Commissioning of CCTV Surveillance System for outdoor periphery cameras** as specified in Annexure-E "Technical specification and Scope of Work", in the tender document. **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. The agency should visit the premises at Nehru Science Centre, Mumbai prior to the submission of bids to inspect the area of installation.** Price and rate quoted shall be firm and fixed for the entire period of execution of the work order and no escalation of rate on any ground whatsoever shall be applicable.

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 Mumbai against submission of supporting documentary evidence

2. **WARRANTY:** One year comprehensive onsite warranty for the CCTV Cameras.
3. The successful tenderer shall submit the following documents within 7 (seven) days from the date of placement of the Work Order:
  - i) Duplicate copy of the Work Order duly signed and stamped as a token of acceptance of the Order.
  - ii) Security Deposit as detailed in Clause No. 7.
  - iii) A non-judicial stamp paper of appropriate value for preparation of Agreement (as per enclosed format). An agreement will be prepared as per enclosed format between the Successful Tenderer and Nehru Science Centre, Mumbai.

#### 4. **Time of Completion:**

Time is the essence of the Tender. The entire work viz. Supply, Installation, Testing & Commissioning of the CCTV Systems as per enclosed Technical Specifications and Scope of work, shall be completed at Nehru Science Centre, Mumbai within **21 days** from the date of placement of 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 period, Nehru Science Centre, Mumbai (NSC Mumbai) shall either cancel the order or impose Penalty as detailed in Clause No.5. Decision of NSC, Mumbai in this regard shall be final and binding on the Successful Tenderers.

## **5. Penalty Clause:**

The Successful Tenderer shall strictly observe the time allowed for carrying out the works as detailed in Clause No.4. The work shall, throughout the stipulated period of the contract, be proceeded with all the diligence (time being deemed to be the essence of the contract). If the Successful Tenderer fails to complete the work in the stipulated time, the Successful Tenderers shall pay to NSC, Mumbai an amount corresponding to @1% of the Total Contract Value or Actual Value of Work done, whichever is greater, for every week that the work may remain incomplete as per delivery schedule/completion time as stipulated in Clause No.4 subject to a maximum compensation of @10% of the Total Contract Value or Actual Value of Work done, whichever is greater, and after such period, appropriate action will be taken by NSC, Mumbai as it may deem fit.

NSC, Mumbai may extend the completion time/time of delivery of the tendered job at their discretion on the application of the Successful Tenderer for such purpose provided that NSC, Mumbai considers the reasons for such extension as good, sufficient and acceptable. Decision of NSC, Mumbai in this regard shall be final and binding on the Successful Tenderers.

## **6. Refund of EMD**

- (i) EMD of successful Bidder shall be discharged (without any interest) on or before the 30<sup>th</sup> day after award of work to the successful Bidder and signing of contract, whichever is later, after receipt and acceptance of the Security Deposit/Retention Money in the valid format.
- (ii) EMD of unsuccessful Tenderers/Bidders shall be discharged (without any interest) on or before the 30<sup>th</sup> day of opening of Financial Bids.

## **7. Security Deposit (SD):**

Total Security Deposit shall be @10% of the total value of the order and shall be paid in the form of Demand Draft / Banker's Cheque / Pay Order / Bank Guarantee by the Successful Tenderer to NSC, Mumbai. If the Successful Tenderer fails to deposit the same at a time before taking up the job, deduction @ 10% shall be made from every bill duly supported by receipted challan & satisfactory inspection / work completion certificate from Competent Authority of NSC, Mumbai and the said amount shall be retained by NSC, Mumbai as Security Deposit. The Security Deposit shall be released after expiry of the Defect Liability Period (Defect Liability Period shall be 24 (twenty-four) months from the date of final completion of work). In case the total value of the order exceeds the assessed value of the work order, Security Deposit for the excess amount will also be deducted in the similar manner. No interest shall be paid on the Security Deposit retained with NSC, Mumbai.

## **8. Inspection:**

The Successful Tenderer shall arrange for inspection of the job by the competent authorities of NSC, Mumbai at every stage of work execution. Inspection may also be made at any point of time during the process of Installation & Commissioning work, if felt by the Competent Authority of NSC, Mumbai. Any defect like poor workmanship, unprofessional approach towards installation pointed out during such inspections has to be promptly rectified to ensure desired quality of work. It would be mandatory on the part of the Successful Tenderer to arrange inspection and obtain approval at every stage of the work, failing which action shall be taken as will deem fit by NSC, Mumbai. The decision of NSC, Mumbai in this regard shall be final and binding on the Successful Tenderer.

## **9. Terms of payment**

No advance payment shall be made to the contractor by NSC, Mumbai under any circumstances. However, Interim Payment will be considered depending upon overall progress of work i.e. Supply, Installation, Testing & Commissioning and based on the discretion of the Competent Authority. The final payment shall be released after satisfactory completion of the entire job and within **30 (thirty) days** from the date of receipt of GST Invoice/Bill duly mentioning the Bank details and GST number and supported by receipted challan and satisfactory inspection/Work Completion Certificate issued by the Competent Authority of NSC, Mumbai.

#### **10. Defect Liability Period:**

The defect liability period shall be 24 (twenty-four) months from the date of final completion of work and acceptance by the authorities of NSC, Mumbai. The Successful Bidder shall be responsible for all defects including the operation & performance of the CCTV Systems for a period of 12 (twelve) months from the date of final completion of work. The Successful Bidder shall rectify the defects/defective parts within the specified time up to the complete satisfaction of the competent authority of NSC, Mumbai or otherwise NSC, Mumbai shall have the right to rectify the defect at the Successful Bidder's own risk but in that case, the requisite cost will be adjusted from the Security Deposit of the Successful Bidder/Contractor retained with NSC, Mumbai. Decision of the NSC, Mumbai in this regard shall be final and binding on the Successful Bidder.

11. If it is noticed that the goods supplied do not conform to the specification of the order, the NSC Mumbai shall have the right to reject the materials in part or full. The Successful Tenderer/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. If the Supplier does not arrange to replace the rejected materials within the stipulated time, the same may be disposed off at the risk of the Supplier and in the manner which the NSC Mumbai will deem fit. The NSC Mumbai 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 NSC Mumbai shall also be entitled to recover the expenses made by them on account of storage and handling of such rejected goods till the goods are removed from the premises of the NSC, Mumbai.
12. The authorities of NSC Mumbai 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.
13. The supply done by the Successful Bidder / Supplier shall conform to the specifications given by the NSC Mumbai. Substandard quality of materials & Workmanship will not be accepted. Bad workmanship/materials will not be accepted and if carried out is liable to be rejected and shall be rectified / replaced by the Supplier at his own cost & risk as per specifications and directions given by the authorised representative of the NSC, Mumbai. The decision of NSC, Mumbai as to items of bad workmanship and proper replacement/ rectification will be final and binding on the successful Tenderers.
14. In case, the Successful Bidder refuses to accept the offer after finalization or does not comply with the Clause No.3 within 07 (seven) days from the date of placement of the order as per the finalized and accepted Terms & Conditions, the order shall be cancelled forthwith and the EMD will be forfeited without any further reference.
15. Every effort should be made to complete the work by the Successful Bidder within the specified time schedule. In case the firm fails to comply with Clause No.4 i.e., the specified time schedule as per the finalized and accepted Terms and Conditions, NSC, Mumbai shall have the right to either impose Penalty Clause or cancel the order forfeiting the EMD. The decision of NSC, Mumbai in this regard shall be final and binding on the Successful Tenderer.
16. Technical Specifications of the tendered job are enclosed for guidance. However, if any ambiguity in the Technical Specifications is detected, it shall be promptly brought to the notice of NSC, Mumbai for clarifications. The Successful Bidder without written approval/permission of NSC, Mumbai shall make no deviation from the approved Technical Specifications.
17. NSC, Mumbai shall not be liable for injury partial or full disability or death of any employee who is deployed by the successful tenderer within/outside the work-site during the time of execution of the work order.
18. The successful Bidder shall submit necessary trade and other licenses as may be required to carry out the tendered job at **Nehru Science Centre, Mumbai** and shall also be responsible for compliance of all

rules and regulations, which may be in force from time to time by the appropriate authority at his/her own cost and shall keep NSC, Mumbai indemnified from all his/their acts/or omissions.

19. The Successful Bidder shall not under any circumstance whatsoever transfer wholly or partially the contract/agreement/work 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 this agreement will automatically stand cancelled.
20. The Successful Bidder shall furnish a copy of the license that they obtained from the competent authority for carrying out the contract work.
21. The Successful Bidder shall be liable to pay minimum wages etc., as prescribed by the Competent Authority for the personnel to be deployed by them for the work, and shall keep proper records of all such payments so that the same can be produced for inspection any time on demand by any officer duly authorized by the NSC, Mumbai. If at any time it is found that minimum wages are not paid to the workers deployed by the Successful Bidder they will be directed by NSC, Mumbai to pay the lawful wages and such directions shall be binding on the Successful Bidder. In the event of failure on the part of the Successful Bidder to comply with such direction, the contract may be terminated/cancelled without any compensation. Alternatively, NSC, Mumbai may pay to the labourers the difference and deduct the same with penalty from the Successful Bidder's bill.
22. The authorities of NSC, Mumbai reserves the right to amend, alter or modify the Terms & Conditions mentioned above, if necessary, from time to time.
23. All the debris arising out of the work shall be removed by the Successful Bidder on daily basis and shall arrange to clean the working area properly.
24. The raw materials supplied by the Successful Bidder shall conform to the Technical Specification given by NSC, Mumbai. Sub-standard quality of materials as well as workmanship will not be accepted.
25. Income Tax shall be deducted at source, if applicable, from each bill/claim of the firm as per prevailing Government rules.

#### **26. Termination of Contract:**

If the Successful Bidder suspends the work without obtaining extension of time or in the opinion of the Authority of NSC Mumbai neglects or fails to proceed with due diligence in executing part of this contract or if he makes default in due performance of the contract as per the Technical Specification and Scope of Work or defaults in complying with any of the Terms & Conditions of the contract, the Competent Authority of NSC Mumbai shall have power to terminate the contract by giving a Notice in writing to the Successful Bidder specifying the act of default on the part of the Successful Bidder. After such Notice has been given, the Successful Bidder shall not be at liberty to remove from the site of work any plant or materials belonging to him which had been placed thereon for the purpose of the work and the NSC Mumbai shall have a lien upon all such plants and materials to subsist from the date of such Notice being given until the Notice has been complied with. In case of Termination of the contract, the Security Deposit whether paid in one sum or deducted by instalments shall stand forfeited and be absolutely at the disposal of the NSC Mumbai. The Successful Bidder shall have no claim or compensation for any loss sustained by him by reasons for his having purchased or procured any materials or entry into any engagements or made advances on account of or with a view to the execution of the work for the performance of the Contract. The Successful Bidder shall be entitled to be paid the value of work actually performed under the contract and so certified by the authority of NSC Mumbai.

#### **27. Force Majeure:**

Neither the Successful Bidder nor NSC Mumbai shall be considered in default in performance of its obligations under the terms of this NIT, if such performance is prevented or delayed for any causes beyond the reasonable control of the party affected such as war, hostilities, revolution, riots, civil

commotions, strikes, lockouts, epidemic, explosion, flood, earthquake or because of any law and other proclamation, regulations or ordinance of any government or sub-division thereof or because of any act of God or any other cause beyond the control of the concerned party which could not have been foreseen or avoided by the exercise of due diligence and so it becomes impossible to perform, provided notices in writing of any such cases, with necessary evidence that the obligation under this tender thereby affected or prevented or delayed is hereby given within 14 days from the happening of the event in case it is not possible to serve the notice within the said 14 days period, then within the shortest possible period without delay. As soon as the cause of Force Majeure has been removed, the party whose liability to perform its obligation has been affected shall notify the other party the actual delay occurred in such affected activity and resume the performance immediately.

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

28. All disputes and differences between the Successful Bidder and NSC, Mumbai of any kind, except quality of workmanship and materials, whatever arising out of or in connection with the order on the carrying out of the work (whether during the progress of the work or after their completion and either before or after the determination, abandonment or breach of the terms and conditions of the order) shall be referred to the sole arbitration of a person nominated by the Director General, National Council of Science Museums, whose decision in this regard will be final and binding on both the Successful Bidder and NSC, Mumbai. The provisions of the Arbitration and Reconciliation Act, 1996 or any statutory modification or reenactment thereof and of the rules made thereunder for the time being in force shall apply to arbitration's proceedings under this Clause.

## ANNEXURE-C



### नेहरु विज्ञान केन्द्र/NEHRU SCIENCE CENTRE

राष्ट्रीय विज्ञान संग्रहालय परिषद् की इकाई/

A unit of National Council of Science Museums

डॉ. ई. मोसेस मार्ग, वर्ली, मुंबई/Dr. E. Moses Road, Worli, Mumbai-400 018

Tel. No.022 31059028, E-Mail: [spo@nehrusciencecentre.gov.in](mailto:spo@nehrusciencecentre.gov.in)

TENDER No: NSCM/18012/297/2025

#### DECLARATION - I

I/We do hereby accept the "General Terms & Conditions" as provided by the Nehru Science Centre, Mumbai along with the Tender documents for **Supply, Installation, Testing and Commissioning of CCTV Surveillance System for outdoor periphery cameras at Nehru Science Centre, Dr. E. Moses Road, Worli, Mumbai-400018** strictly as per the Technical Specifications, Scope of Work and Terms & Conditions provided by Nehru Science Centre, Mumbai and also undertake to deliver/complete the work strictly as per the Technical Specifications of Nehru Science Centre, Mumbai as provided along with the Tender documents, in the event of placement of any order on us. Nehru Science Centre, Mumbai shall be at liberty to cancel the order in full or in part and forfeit the Earnest Money Deposit (EMD) in the event of failure of any of the above declaration made by us.

#### **Signature of the Bidder / Constituted Attorney**

Address :

Official seal with date

#### 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 Bidder / Constituted Attorney**

Official seal with Date:

Place:



## नेहरु विज्ञान केन्द्र/NEHRU SCIENCE CENTRE

राष्ट्रीय विज्ञान संग्रहालय परिषद् की इकाई/

A unit of National Council of Science Museums

डॉ. ई. मोसेस मार्ग, वर्ली, मुंबई/Dr. E. Moses Road, Worli, Mumbai-400 018

Tel. No.022 31059028, E-Mail: spo@nehrusciencecentre.gov.in

TENDER No.NSCM/18012/297/2025

### DECLARATION - III

I/We ..... (name of the bidder), hereby declare that are registered under Micro and Small & Medium Enterprises (MSME) and eligible for exemption for submitting Bid Security (EMD) for participating in the e-Tender for **Supply, Installation, Testing and Commissioning of CCTV Surveillance System for outdoor periphery cameras at Nehru Science Centre, Dr. E. Moses Road, Worli, Mumbai-400018.**

I/We further declare and accept that if we withdraw or modify our bid during the period of validity, or if we are awarded the contract and we fail to sign the contract, or to submit a Performance Security (Security Deposit) before the deadline defined in the e-NIT, we will be suspended for the period of time specified in the e-NIT from being eligible to submit bids for contract in Museum/Centre.

Signature of the Bidder / Constituted Attorney.

Address :

Official seal with date

**(To be submitted/uploaded on Agency's Letterhead in the Portal  
as well as hard copy to the TIA)**

Ref:

Date :

**DECLARATION**

We, M/s. ...., hereby solemnly declare as follows, in respect of the Ref. Tender No.NSCM/18012/297/2025:

- a) That, we have downloaded all the documents from CPP e-Procurement Portal of NIC and all the uploaded information / statements are true to the best of our knowledge.
- b) That, our firm is not involved in any **Litigation or Arbitration** with NCSM/its Satellite Units/other Govt. Institutions, during the last 05 (five) years.
- c) That, our firm is not having any unsatisfactory remarks/comments due to poor workmanship, uses of substandard materials etc. for similar nature of works executed at NCSM/its Satellite Units/other Govt. Agencies. If our firm is found to be defaulted in any of the above, then our firm can be disqualified without assigning any reason and no clarification on this ground would be raised by our firm. The decision of the Museum/Centre authority would be final, binding & acceptable to our firm.

Yours faithfully,

Signature of the Agency with Seal



## नेहरु विज्ञान केन्द्र/NEHRU SCIENCE CENTRE

राष्ट्रीय विज्ञान संग्रहालय परिषद् की इकाई/

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Tel. No.022 31059028, E-Mail: [spo@nehrusciencecentre.gov.in](mailto:spo@nehrusciencecentre.gov.in)

TENDER No: NSCM/18012/297/2025

### TECHNICAL (Techno-Commercial) BID

**Note: ALL PARTICULARS / INFORMATIONS SHOULD BE GIVEN IN THE FOLLOWING FORMAT WITH COMPLETE DETAILS :**

01.	Name & Address of the Firm/Bidder	:	
02.	Telephone Number	:	
	Office (Local)	:	
	Mobile No.(to be available for 24 Hrs)	:	
	E-mail ID	:	
	Website	:	
03	Background details of the Firm (State whether original system integrator / authorized Dealer).	:	
04	Whether Manufacturer / Dealers of subject procurement	:	
05	If Manufacturer, mention the Brand name of the subject procurement	:	
06	If Dealer, mention the Brand for which dealer and name of the Manufacturer	:	
07	Mention the validity of the Dealership Certificate	:	
08	Man Power set up of the firm and Qualification of professionals	:	
09	Past experience in such business for last 3 years giving details of established clients especially Government offices. Submit certificate issued by such clients and Government offices for satisfactory executing of orders.	:	
10	i) Whether capable to execute the Supply, Installation, Testing and Commissioning of CCTV Surveillance System for outdoor periphery cameras at as per enclosed Technical Specification. (Please mention 'YES' or 'NO')	:	

	ii) If it is mentioned 'NO' above, submit detailed deviation to be made from the enclosed Technical Specification. (Extra sheet may be attached, if required).	:	
	iii) If it is mentioned 'YES' above submit the detail specifications of the offered product including copies of Product brochure.	:	
	iv) State whether the Tendered items to be offered by the firm shall either come with or in compliance with all the features as detailed in enclosed Technical Specification. (State YES or NO)	:	
11	Proof of financial status of the company/audited Balance Sheet for last 3 years indicating total turnover as well. (Submit documentary evidence).	:	
12	Whether agreed to accept 30 days credit Payment Terms? (Please mention 'YES' or 'NO'). If 'NO' then mention your payment terms. ( <i>No advance payment shall be considered / released by the Centre for any reason whatsoever</i> )	:	
13	Minimum time required to SITC of the tendered item at Nehru Science Centre, Mumbai.	:	
14	Mention GST Registration Number and attach current and valid GST Clearance Certificate.	:	
15	Whether agreed to supply, install, test & commission the Tendered items as per enclosed Technical Specifications positively by - 21 days and failing which ready to absorb heavy penalty, if any order is placed on the Bidder after observing tender procedure? (Please mention 'YES' or 'NO').	:	

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

**Dated :**

**Official Seal**  
**Signature of the Tenderer/Constituted Attorney**

## **CHECKLIST OF DOCUMENTS SUBMITTED**

<b>SR. NO.</b>	<b>PARTICULARS</b>	<b>SUBMITTED</b>	<b>NOT SUBMITTED</b>
01	Scanned copy of Demand Draft / Pay Order for <b>₹18,900/-</b> or transaction receipt towards Earnest Money Deposit.		
02	Authorized dealership of the listed manufacturer (quoted by the bidder)		
03	Seal & Signed Copy of Technical Specification and Scope of Work as per Annexure-E		
04	Details of PAN		
05	GST details		
06	Tender Acceptance Letter (on company letterhead)		
07	Details of the bank account		
08	Declaration as per Annexure-C		
09	Deviation Statement as per Annexure- 'F' & Technical data sheet		
10	Similar work experience with Central / State Government Departments, PSUs, Autonomous Bodies, Reputed Private Sector (BSE/NSE Listed) during the last 3 years		
11	Financial Bid (upload of BoQ in .xls format)		

## PROFORMA FOR AGREEMENT

ARTICLES OF AGREEMENT made at ..... this ..... day of ..... 2025 between **Nehru Science Centre, Dr. E. Moses Road, Worli, Mumbai-400018 a unit of National Council of Science Museums (NCSM), a Society registered under the Societies Registration Act of West Bengal, 1961 functioning under the Ministry of Culture, Government of India**, hereinafter referred to as "the Centre" which expression shall include its successors and assigns on the **One Part** and M/s.....

hereinafter referred to as "**the Agency**" which expression shall include his / their respective heirs, executors and administrators on the **Other Part**.

WHEREAS the Centre is desirous of getting the work of **Supply, Installation, Testing and Commissioning of CCTV Surveillance System for outdoor periphery cameras at Nehru Science Centre, Dr. E. Moses Road, Worli, Mumbai-400018**, done and issued e-Tender Notice vide e-Tender ID: \_\_\_\_\_ and e-Tender Ref. No.NSCM/18012/297/2025 with BoQ, Technical Specifications, Scope of Work and General Terms & Conditions of the e-NIT, which shall be the integral part of this Agreement.

AND WHEREAS the Agency has submitted duly completed tenders accepting all the Terms & Conditions and Technical Specifications stipulated in e-NIT.

AND WHEREAS the Financial Bid made by the Agency in response to the said e-NIT has been accepted as the most competitive and accordingly award of contract, which shall form a part of this Agreement, was issued to the Agency vide Work Order No. \_\_\_\_\_ dated \_\_\_\_\_ awarding the work of **Supply, Installation, Testing and Commissioning of CCTV Surveillance System for outdoor periphery cameras at Nehru Science Centre, Dr. E. Moses Road, Worli, Mumbai-400018** at the tendered amount of ₹\_\_\_\_\_/- (₹\_\_\_\_\_/- + GST @ : ₹\_\_\_\_\_/-) (Rupees \_\_\_\_\_ only) inclusive of GST, as applicable, with completion time of twenty-one days w.e.f. \_\_\_\_\_.

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

1. In consideration of the payment to be made by the Centre and subject to the terms and conditions contained in subject e-NIT and enclosed at Annexure-B, the Agency shall execute and complete the work within **21 days** from the date of issue of the Work Order as per the BoQ, Technical Specifications, Scope of Work and General Terms & Conditions furnished to them.
2. No advance payment shall be made by this Centre under any circumstances. However, interim payment may be considered depending upon the supply and progress of the work at the discretion of the competent authority of the Centre. The final payment shall be released after satisfactory completion of the entire job and within 30 (Thirty) days through NEFT/e-transfer mode upon receipt of pre-receipted GST-compliant Invoice/Bill duly mentioning the Bank details.
3. Time is the essence of this Agreement and the Agency shall proceed with the work, throughout the stipulated period of this contract. At any stage during execution, if the work lags behind the schedule for reasons directly attributable to the Agency, they shall pay or allow the Centre to deduct from any money due to them as Penalty as detailed in Clause No.5 of the General Terms and Conditions (Annexure-B).
4. The Agency shall strictly observe the time allowed for carrying out the works as detailed in Clause

No.4 of the General Terms and Conditions (Annexure-B). The work shall, throughout the stipulated period of the contract, be proceeded with all the diligence (time being deemed to be the essence of the contract). If the Agency fails to complete the work in the stipulated time, the Agency shall pay to NSC, Mumbai an amount corresponding to @1% of the Total Contract Value or Actual Value of Work done, whichever is greater, for every week that the work may remain incomplete as per delivery schedule/completion time as stipulated in Clause No.4 of the General Terms and Conditions (Annexure-B) subject to a maximum compensation of @10% of the Total Contract Value or Actual Value of Work done, whichever is greater and after such period, appropriate action will be taken by NSC, Mumbai as it may deem fit. NSC, Mumbai may extend the completion time/time of delivery of the tendered job at their discretion on the application of the Successful Tenderer for such purpose provided that NSC, Mumbai considers the reasons for such extension as good, sufficient and acceptable. Decision of NSC, Mumbai in this regard shall be final and binding on the Agency.

5. The tender (including appendix), BoQ, Technical Specifications, Scope of Work and General Terms & Conditions shall form the basis of this agreement and the decision of the Centre in reference to all matters or dispute as to material and workmanship shall be final and binding on the Agency.
6. All the safety provisions required in the work are to be taken by the Agency. Compliances of all the labour laws, insurance for the workmen/labour and/or third party insurance, etc. shall be the sole responsibility of the Agency.
7. The Centre reserves to itself the right of altering the contents and Technical Specifications, Terms & Conditions 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.
8. The Agreement comprises the work above and all subsidiary work connected therewith, even though such work is not described in the said Technical Specifications.
9. All the damages, if any, done to any existing facility/structure has to be made good and brought back to its original state by the Agency. No payment will be made for this purpose.

10. **Defect Liability Period :**

The Agency shall guarantee that all material, machinery, and components, supplied and installed by him/them shall be free from defects for a period of 12 Months due to faulty material and / or workmanship and that the installation shall perform satisfactorily, and the efficiency of the system and all the components shall not be less than the values laid down in the specifications and the capacities shall be at least equal to those specified.

The Defect Liability Period, as detailed in Clause No.10 of the General Terms and Conditions (Annexure-B), shall be 12 (twelve) months from the date of final completion of work and acceptance by the Authorities of the Centre. The Agency shall be responsible for all defects including the operation and performance of the CCTV Systems for a period of 12 (twelve) months from the date of final completion of work. The Agency shall rectify the defects/defective parts within the specified time up to the complete satisfaction of the competent authority of the Centre or otherwise the Centre shall have the right to rectify the defect at the Agency's own risk but in that case, the requisite cost will be adjusted from the Security Deposit of the Agency retained with the Centre. Decision of the Centre in this regard shall be final and binding on the Agency.

11. All disputes and differences between the Agency and the Centre of any kind, if any, except quality of workmanship and materials used in work, whatever arising out of or in connection with the contract on the carrying out of works (whether during the progress of the work or after their completion and whether before or after the determination, abandonment or breach of the contract) shall be referred to arbitration as per Clause No.28 of the said conditions of contract.

The provision 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 proceedings under this clause.

12. In case of any legal dispute, other than the arbitration, the Court of Jurisdiction shall be at the place of written in the first line of this Agreement.

**IN WITNESS WHEREOF** the parties have set their respective hands the day and the year hereinabove written:

Signed by .....  
for & on behalf of the Centre.

(with official seal)

In presence of (1) .....  
(2) .....

Signed by .....  
for & on behalf of the Agency.

(with official seal)

In presence of (1) .....  
(2) .....



## नेहरु विज्ञान केन्द्र/NEHRU SCIENCE CENTRE

राष्ट्रीय विज्ञान संग्रहालय परिषद् की इकाई/

A unit of National Council of Science Museums

डॉ. ई. मोसेस मार्ग, वर्ली, मुंबई/Dr. E. Moses Road, Worli, Mumbai-400 018

Tel. No.022 31059028, E-Mail: spo@nehrusciencecentre.gov.in

### Technical Specification & Scope of Work for Supply, Installation, Testing and Commissioning of CCTV Surveillance System for outdoor periphery cameras at Nehru Science Centre, Mumbai:

#### Scope of Work:

- A. All the racks/cabinets should have transparent door and the structure must be sound and rigid. The racks should be equipped with fans and proper ventilation for heat dissipation. All sharp edges should be rounded and the structure must be rust resistant. Doors shall be equipped with lockable handles and concealed hinges with pull pins for each door removal.
- B. Equipment within the cabinet/rack shall be laid out in an accessible and logically segregated manner. Clamping rails shall be provided for incoming cables to prevent excessive stress on the individual terminal. All metal parts of the cabinet including doors shall be electrically continuous and shall be provided with a common grounding lug.
- C. Proper PVC Piping and laying is required for CAT-6 Cable in all the locations.
- D. The agency should be authorized dealer/distributer of the offered products.
- E. The project has to be completed in all respect including the cost of all labour, tools, materials, charges of equipment's if any.
- F. The system should capture, store, and analyse digital video images to enable central monitoring, increase operational efficiency, reduce liability, minimize risk and secure people & property.
- G. Once the order is placed, it will be the agency's responsibility to make the project functional.
- H. The surveillance system need to be functional on 24x7 basic i.e. 24 hours all the days and need to have at least 30 days data storage capacity for all cameras.
- I. The agency should mandatorily visit the site prior bidding and also before carrying out the SITC works in order to have complete information related to the setup before carrying out the actual phase of execution.
- J. **Installation Certificate:** Installation Certificate has to be provided by the agency after the successful completion of the project in all respects.
- K. **Training:** Upon completion of the installation & commissioning, the agency shall provide the hands-on training on the installed equipment to the concerned officials.

L. **Warranty Period:** All the equipment supplied shall cover standard OEM warranty from the date of installation and commissioning

M. **Time of Completion:** Time being an essence of the project, all the materials should be delivered along with completion of installation, testing and commissioning within 21 days from the date of receipt of the order.

**Technical Specifications of Supply, Installation, Testing and Commissioning of CCTV Surveillance System for outdoor periphery cameras at NSC, Mumbai:**

Sl No	Name of the Work/ Material	Qty
01	<p><b>05 MP Outdoor Bullet Network Camera with Colour Night Vision, Microphone and Line Sensing:</b></p> <p><b>Maximum Resolution:</b> 2560 X 1440 or more</p> <p><b>Day &amp; Night:</b> IR cut filter</p> <p><b>Angle adjustment:</b> Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°</p> <p><b>Lens Type:</b> Fixed Focal Lens</p> <p><b>Focal Length:</b> 4 mm</p> <p><b>Horizontal FOV:</b> 78° or more</p> <p><b>Vertical FOV:</b> 42° or more</p> <p><b>Diagonal FOV:</b> 93° or more</p> <p><b>Supplement Light Range:</b> Up to 30 m</p> <p><b>Video Stream:</b> 30 fps (1920 × 1080, 1280 × 720 or more) at 60 Hz</p> <p><b>Video Compression:</b> H.264/H265</p> <p><b>Video Bitrate:</b> 32 Kbps to 8 Mbps</p> <p><b>Audio Compression:</b> G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC</p> <p><b>Audio Sampling Rate:</b> 8/16 KHz</p> <p><b>Image Settings:</b> Rotate, Saturation, Brightness, Contrast, Sharpness</p> <p><b>Day/Night Switch:</b> Day, Night, Auto, Schedule</p> <p><b>Interface:</b> 1 X RJ 45, 1 X Memory Card Slot, 1 X Built In Microphone, 1 X Hardware Reset</p> <p><b>Event:</b> Motion detection (human and vehicle targets classification), video tampering alarm</p> <p><b>Smart Event:</b> Line crossing detection, intrusion detection (support alarm triggering), Face detection</p> <p><b>Power Supply:</b> 12V DC, PoE</p> <p><b>Colour Imaging:</b> 24/7</p> <p><b>Weather &amp; Dust Protection:</b> IP67</p> <p><b>Accessories:</b> Pole Mount, Corner Mount, Junction Box etc.</p>	17 Nos
02	<p><b>4 MP Fixed Dome Network Camera with Colour Night Vision, Microphone with Line Sensing:</b></p> <p><b>Maximum Resolution:</b> 2560 X 1440 or more</p> <p><b>Day &amp; Night:</b> IR cut filter</p> <p><b>Angle adjustment:</b> Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°</p> <p><b>Lens Type:</b> Fixed Focal Lens</p> <p><b>Focal Length:</b> 2.8 mm</p> <p><b>Horizontal FOV:</b> 98° or more</p> <p><b>Vertical FOV:</b> 54° or more</p> <p><b>Diagonal FOV:</b> 114° or more</p> <p><b>Supplement Light Range:</b> Up to 30 m</p> <p><b>Video Stream:</b> 30 fps (1920 × 1080, 1280 × 720 or more) at 60 Hz</p> <p><b>Video Compression:</b> H.264/H265/H.264+/H.265+</p> <p><b>Video Bitrate:</b> 32 Kbps to 8 Mbps</p> <p><b>Audio Compression:</b> G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC</p> <p><b>Audio Sampling Rate:</b> 8/16 KHz</p> <p><b>Image Settings:</b> Rotate, Saturation, Brightness, Contrast, Sharpness</p> <p><b>Day/Night Switch:</b> Day, Night, Auto, Schedule</p> <p><b>Interface:</b> 1 X RJ 45, 1 X Memory Card Slot, 1 X Built In Microphone, 1 X Hardware Reset</p>	03 Nos.

	<p><b>Event:</b> Motion detection (human and vehicle targets classification), video tampering alarm</p> <p><b>Smart Event:</b> Line crossing detection, intrusion detection (support alarm triggering)</p> <p><b>Power Supply:</b> 12V DC, PoE</p> <p><b>Colour Imaging:</b> 24/7</p> <p><b>Weather &amp; Dust Protection:</b> IP67</p> <p><b>Accessories:</b> Wall Mount, Pole Mount, Corner Mount, Pendant Mount etc.</p>	
03	<p><b>4 MP 30X Outdoor PTZ Camera:</b></p> <p><b>Resolution:</b> 2560 x 1440 Pixels</p> <p><b>Focus:</b> Auto, Semi-Auto, Manual</p> <p><b>Zoom:</b> 30X</p> <p><b>Key Features:</b></p> <p>1/2.8-inch progressive scan CMOS , Digital Signal Process</p> <p>Focuses on human and vehicle targets classification based on intelligent algorithm</p> <p>Face Capture : Up to 5 faces captured at the same time</p> <p>High quality image with 4MP resolution</p> <p>Excellent low-light performance</p> <p>30 × optical zoom, 16 × digital zoom provide close up views over expansive areas</p> <p>Expansive night view up to 180 m IR distance</p> <p>Support 265+/H.265 video compression</p>	04 Nos.
04	<b>Piller for PTZ Camera 45 mm pipe</b>	04 Nos.
05	<b>8 port PoE Gigabit Switch</b>	06 Nos.
06	<p><b>32 Channel NVR (with online remote access and intelligent analytics)</b></p> <p><b>Intelligent Analytics:</b> Facial Recognition, Perimeter Protection, Motion Detection, Crime Detection (Example Throwing Objects from Building etc)</p> <p><b>Input Channels:</b> 32</p> <p><b>HDMI Output:</b> 1 channel (Support up to 4K at 30 Hz, up to 2K at 60 Hz)</p> <p><b>VGA Output:</b> 1 channel (Up to 1920 p X 1080 p at 60 Hz)</p> <p><b>Audio Channel:</b> 1 channel (RCA)</p> <p><b>Recording Resolution:</b> Up to 12 MP</p> <p><b>Decoding Format:</b> H.264/H.265/ H.264+/H.265+</p> <p><b>Audio Compression:</b> G.711ulaw/G.711alaw/G.722/G.726/AAC</p> <p><b>Minimum I/O Ports:</b> 2 X RJ-45 (10/100/1000 Mbps), 2 X USB 2.0, 1 X USB 3.0, 4 X SATA (Up to 10 TB Capacity for each HDD)</p> <p>Power Supply: 100 – 240 VAC, 50-60 Hz</p> <p><b>Supported Protocols:</b> TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, RTSP, SMTP, SNMP, HTTP, HTTPS</p> <p><b>Online Remote Access:</b> Cloud Based Access Control</p>	01 No
07	<b>Cat 6/Optical Fibre cable with PVC pipe (white, 25 mm thickness), saddle including labour charges for laying and casing as per Scope of Work</b>	2200 mtr
08	<b>8 channel PoE Switch Rack</b>	06 Nos.
09	<b>10 TB Surveillance HDD (3.5", 6 Gbps, 7200 rpm)</b>	1 No
10	<b>PUC Box (5 X 5) Waterproof</b>	25 Nos.
11	<b>HDMI Cable 4K</b>	5 mtr
12	<p><b>43" Large Format Display TV</b></p> <p><b>Resolution:</b> Ultra HD (3,840 X 2,160)</p> <p><b>Brightness:</b> 350 nits or more</p> <p><b>Contrast Ratio:</b> 4000:1</p> <p><b>Minimum Input ports :</b> Display (1.2) X 1, HDMI 2.0 X 2, USB 2.0 X 2</p> <p><b>Output:</b> Audio Stereo Mini Jack</p> <p><b>Speaker:</b> 10 W 2 ch</p> <p><b>IP Rating:</b> IP 5X</p> <p><b>Power Supply:</b> AC 100-240 V, 50/60 Hz</p>	01 No
13	<b>Outdoor Access Control (For wireless communication from NVR to the cameras)</b>	01 No.
14	<b>L Bracket for Cameras</b>	03 Nos.
15	<b>Accessories (Wireless Repeaters &amp; Receivers, HDMI Splitter, Media Converters, PoE Injectors etc.)</b>	
16	<b>Installation, Testing, Commissioning &amp; Training charges</b>	

## Technical deviation statement sheet

The Tenderer shall fill this deviation statement for any technical deviations made in the standard terms and conditions

Signature :

Name : \_\_\_\_\_

Designation :

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

### Seal of Company