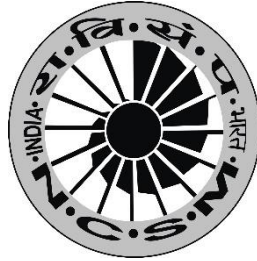


**E-TENDER  
FOR  
SUPPLY, INSTALLATION, TESTING &  
COMMISSIONING  
OF  
NVR BASED IP IR CCTV  
SURVEILLANCE SYSTEM  
ON  
BUYBACK OF OLD DVR BASED IPCCD  
CAMERA SYSTEM INSTALLED  
AT  
REGIONAL SCIENCE CITY, LUCKNOW**



**REGIONAL SCIENCE CITY,  
(NATIONAL COUNCIL OF SCIENCE MUSEUMS)  
ALIGANJ EXTENSION, EKTA VIHAR,  
SECTOR – E, LUCKNOW – 226024**

**REGIONAL SCIENCE CITY**  
(NATIONAL COUNCIL OF SCIENCE MUSEUMS)  
ALIGANJ EXTENSION, EKTA VIHAR,  
SECTOR – E, LUCKNOW – 226024

**TENDER No. RSCL/1801/E-Tender-05/2020-21**

**NOTICE INVITING E-TENDER**

On-line Digitally signed E-Tenders are invited in two Bid System for “**Supply, Installation, Testing & Commissioning of NVR based IPIR CCTV Surveillance System on Buyback of old DVR based IPCCD Camera System Installed at Regional Science City, Lucknow**”. Agencies having proven experience and capable in executing the work at a time may download the tender documents from the Central Public Procurement Portal (CPPP): <http://eprocure.gov.in/eprocure/app>

|                                  |   |
|----------------------------------|---|
| Bid Document Published Date      | 30 <sup>th</sup> December, 2020 (06:00 P.M) |
| Bid Document Download Start Date | 30 <sup>th</sup> December, 2020 (06:00 P.M) |
| Bid Clarification Start Date     | 30 <sup>th</sup> December, 2020 (06:00 P.M) |
| Bid Submission Start Date        | 30 <sup>th</sup> December, 2020 (06:00 P.M) |
| Bid Clarification End Date       | 20 <sup>th</sup> January, 2021 (02:00 P.M)  |
| Bid Submission End Date          | 21 <sup>st</sup> January, 2021 (02:00 P.M.) |
| Technical Bid Opening Date       | 22 <sup>nd</sup> January, 2021 (03:00 P.M.) |

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 Regional Science City, Lucknow at 03:00 p.m. on 22<sup>nd</sup> January, 2021 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.

The Director, National Science Centre, Delhi (RSC, Lucknow functioning under the administrative control of NSC, Delhi) reserves the right to accept or reject any or all tenders in full or part without assigning any reason whatsoever. RSC, Lucknow shall also not be bound to accept merely the lowest tender but the technical suitability, capability and superiority of the equipment / system as well as after sales service including infrastructure to render such service, etc. shall be of prime consideration for selection of the equipment /system.

## CHECK LIST

Check list of Tender No. **RSCL/1801/E-Tender-05/2020-21** for Supply, Installation, Testing & Commissioning of NVR based IPIR CCTV Surveillance System on Buyback of old DVR based IPCCD Camera System Installed at Regional Science City, Lucknow.

| <b>Sl. No.</b> | <b>Description</b>   | <b>Yes</b> | <b>No</b> |
|----------------|--|------------|-----------|
| 01             | Whether E-Tender uploaded on Central Public Procurement Portal of Govt. of India in two parts ( i.e. Technical & Commercial) separately.   |            |           |
| 02             | Whether Tender documents carefully studied & understood.   |            |           |
| 03             | Whether Tender documents duly signed and stamped on all pages is scanned and uploaded as Technical Evaluation (Part – I) of the Tender in Central Public Procurement Portal.   |            |           |
| 04             | 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.<br><b>ANNEXURE--C</b> |            |           |
| 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.<br><b>ANNEXURE—D</b>  |            |           |
| 06             | Whether Bid-Securing Declaration Form, duly signed and stamped, and scanned copy of the same uploaded as Part – I of the Tender in Central Public Procurement Portal.<br><b>ANNEXURE—E</b>   |            |           |
| 07             | Did you visit the actual site for execution of the work before submitting the Tender   |            |           |

Date:

Signature of the Tenderer

Place :

Official Seal

## General Information and Instructions

1. The instruction given herein will be strictly binding on the tenderers and deviation, if any will make the tender or tenders liable to be considered invalid. Tenders incorporating additional conditions by the tenderer are liable for rejection.
2. Bids shall be submitted online only at CPPP website: <https://eprocure.gov.in/eprocure/app> Manual bids shall not be accepted.
3. The instruction given in “ANNEXURE-A” for “Instruction for Online Bid Submission” should be strictly followed during submission of the Bid.
4. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
5. **Validity of Bids:** The validity period of the e-tender shall be at least 03 (THREE) months from the date of opening of e-tenders. This period may be extended with mutual consent if the decision regarding issue of Letter of Intent is delayed for any reason. The Bids should remain valid for 90 days from the date of bid 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 on line e-tender.
8. The Percentage Financial Bid (BOQ) shall be filled in and signed by the authorized signatory online as per Proforma “ANNEXURE-I” available at Central Public Procurement Portal e-tender system website <http://eprocure.gov.in/eprocure/app>. Off line Financial Bid shall not be accepted.
9. The e-Tenders are invited under two envelopes system and must be uploaded online on Central Public Procurement Portal. The first electronic envelope will be named as **Technical Envelope** & will contain documents of tenderer’s/bidder’s satisfying the eligibility conditions, scanned copies of tender document etc. and the second electronic envelope will be named as **Financial Envelope** containing Rate Quote Sheet. The bidder shall submit TECHNICAL BID ENVELOPE and FINANCIAL BID ENVELOPE simultaneously. The technical bids will be evaluated first and thereafter financial bids of only the eligible tenderers/bidders shall be opened. These envelopes shall contain one set of the following documents:

### Technical Bid Envelop (Set – 1) shall contain the following documents:

- i) Technical (Techno-Commercial BID duly filled-in and signed with official stamp (as per ANNEXURE-F format).
- ii) General Terms & Conditions (as detailed in ANNEXURE-B) duly signed with official stamp as a token of acceptance.
- iii) Scanned Copy of the current and valid Trade License and Dealership Certificate as applicable.
- iv) Scanned Copy of ITR filed acknowledgement issued by Income Tax Department for last 3 years.
- v) Estimated Bill of Quantity of items to be installed as detailed in ANNEXURE-G duly signed with official seal as a token of acceptance for providing services in accordance to the centre’s requirement and desired specifications.
- vi) The ‘Declaration’ duly signed with official stamp (as detailed in ANNEXURE-C & D).
- vii) The ‘Bid Securing Declaration Form’ duly signed and stamped (as per format in Annexure – E).

**Financial Bid Envelop (Set – 2) shall contain the following documents:**

- i) Rate Quote Sheet (Percentage BOQ Template) in .XLS format. Bidders may quote their percentage rate online in this envelope.

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 RSC, Lucknow against submission of supporting documentary evidence.

10. E-Tender which do not fulfil any of the above conditions or are incomplete in any respect are liable for summary rejection.
11. The Museum / Centre does not bind itself to accept the lowest e-tender/bid and the right to reject or accept any or all the e-tenders/bids; e-tendered items or schedules received without assigning any reason whatsoever.
12. The tenderer(s) must declare in writing that neither he nor any of them is in anyway related to any officer in the Regional Science City, Lucknow (National Council of Science Museums, Kolkata), or any of its constituent units as per the format given in ANNEXURE – “D”.
13. GST, Income tax and Labour Cess etc. or duties on materials, freight & transit Insurance F.O.R. site in respect of this contract will be payable by the successful tenderer. Nothing extra will be payable for increase in such taxes or duties even if imposed or levied either before or after the e-tenders are opened or during currency of contract.
14. Before submitting the e-tender, the tenderer shall examine all quantities, specifications, conditions of contract and inspect the site if necessary. The e-tender must be balanced in respect of individual items so that the rates quoted shall remain in force even if the quantities deviate (increase or decrease) to any extent before or during the execution of the work. The successful tenderer / bidder shall be paid at their net rate quoted.
15. First the Technical Bid Envelope will be opened and after the authority is satisfied that the documents in the Technical Bid Envelope are in order, the FINANCIAL BID ENVELOPE may be opened, subsequently.
16. It may be noted that the Technical Bid Envelope which are not found in order as per Regional Science City, Lucknow (NCSM) requirements may be summarily rejected.
17. The selected tenderer will be issued a Letter of Intent (LOI) by the Museum/Centre and given 07 days’ mobilisation time which shall be counted from the date of issue of the Letter of Intent. During the mobilisation time, the tenderer shall mobilise all their resources including men and materials 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.
18. Order shall be placed in favour of a single agency considering the total cost arrived based upon CONSOLIDATED PERCENTAGE BOQ as per ANNEXURE- I.

**REGIONAL SCIENCE CITY,  
(NATIONAL COUNCIL OF SCIENCE MUSEUMS)  
ALIGANJ EXTENSION, EKTA VIHAR,  
SECTOR – E, LUCKNOW – 226024**

**TENDER No. : RSCL/1801/E-Tender-05/2020-21**

**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 Help desk.

## **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) A standard Price Schedule format (BOQ) has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the Light Blue colored (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.
- 4) 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.
- 5) 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.
- 6) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.

- 7) 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.
- 8) 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 TENDERERS/ BIDDERS**

1. Any enquiries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority (TIA), Regional Science City, Lucknow, Aliganj Extension, Ekta Vihar, Sector – E, Lucknow – 226024, Phone: +91 522-2327833, Fax- +91 522-2321804, Website: [www.rscl.nscd.gov.in](http://www.rscl.nscd.gov.in), Email: [perscl@gmail.com](mailto:perscl@gmail.com), [rscl.education@gmail.com](mailto:rscl.education@gmail.com), [rsclu89@rediffmail.com](mailto:rsclu89@rediffmail.com)
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 0120-4001002 / 4001005 / 6277787

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**REGIONAL SCIENCE CITY,  
(NATIONAL COUNCIL OF SCIENCE MUSEUMS)  
ALIGANJ EXTENSION, EKTA VIHAR,  
SECTOR – E, LUCKNOW – 226024**

**TENDER No. : RSCL/1801/E-Tender-05/2020-21**

**GENERAL TERMS & CONDITIONS (GTC) FOR SUBMISSION OF TENDER FOR SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF NVR BASED IPIR CCTV SURVEILLANCE SYSTEM ON BUYBACK OF OLD DVR BASED IPCCD CAMERA SYSTEM INSTALLED AT REGIONAL SCIENCE CITY, LUCKNOW AS PER CENTRE’S SPECIFICATIONS.**

- 1. PRICE:** The rates quoted/indicated shall include cost of all Equipment, labour 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-G “Estimated 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 RSC, Lucknow 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.
  - a) Duplicate copy of the Purchase order duly signed and stamped as a token of acceptance of the order.
  - b) Non-judicial stamp paper of appropriate value for preparing the Agreement governing the terms and conditions of the Contract.
- 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 **45 (Forty Five) days** from the date of placement of Letter of Intent. If the successful e-tenderer shall desire an extension of time for completion of the work on the grounds of his having been unavoidably hindered in its execution and for reasons not attributable to him on the following grounds: -
  - a. by reason of delay in supply of material due to strike, curfew, lockdown or any other restrictions in imports of goods issued by GOI.
  - b. due to delay in work other agencies or tradesman engaged or nominated by the museum/centre: if such delay is directly responsible for delay in execution of this work.
  - c. in case of the total value of the work exceeds the total value of the e-tender owing to deviation in quantities or extra items, the successful e-tenderer will be entitled to ask for extension of time in proportion to the increased value of work.

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. **TECHNICAL SPECIFICATIONS AND SCOPE OF WORK:** As per ANNEXURE-‘G’
6. **SECURITY DEPOSIT:** The successful tender shall deposit 3% of the gross value of the work awarded, as refundable security deposit, which is to be paid Online or in the form of Bank Draft / Banker’s cheque by the tenderer in favour of ‘Regional Science City, Lucknow’, 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.05), 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 **07 (Seven)** 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.
9. **DEFECT LIABILITY PERIOD:** The Defect Liability period shall be **Three (03) 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 right to either impose Penalty Clause or cancel the order or disqualify from bidding for any contract with the agency for a period of one year from the date of notification. 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 Regional Science City, Lucknow for clarification. The successful bidder should obtain written approval from competent authority of Regional Science City, Lucknow 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 Regional Science City, Lucknow 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 Work Contract Tax 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 Centre 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. Regional Science City, Lucknow 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.
25. **FORCE MAJEURE**  
Neither party shall bear responsibility for the complete or partial non-performance of any of its obligations (except for failure to pay any sum which has become due on account of receipt of goods under the provisions of the present contract), if the non-performance results from such Force Majeure circumstances as Flood, Fire, Earth Quake and other acts of God as well as War, Military operation, blockade, Acts or Actions of State Authorities or any other circumstances beyond the parties control that have arisen after signing of the present contract. In such circumstances the time stipulated for the performance of an obligation under the present contract is extended correspondingly for the period of time of action of these circumstances and their consequences.

**REGIONAL SCIENCE CITY,  
(NATIONAL COUNCIL OF SCIENCE MUSEUMS)  
ALIGANJ EXTENSION, EKTA VIHAR,  
SECTOR – E, LUCKNOW – 226024**

**TENDER No. : RSCL/1801/E-Tender-05/2020-21**

**DECLARATION**

We do hereby accept the “General Terms & Conditions” as provided by the Regional Science City, Lucknow along with the Tender documents for *Supply, Installation, Testing & Commissioning of NVR based IPIR CCTV Surveillance System on Buyback of old DVR based IPCCD Camera System Installed at Regional Science City, Lucknow* and also undertake to execute the job strictly as per the Technical Specifications of Regional Science City, Lucknow as provided along with the tender documents, in the event of placement of any order on us. The Centre shall be at liberty to cancel the order in full or in part the event of failure of any of the above declaration made by us.

Signature of the Bidder / Constituted Attorney.

**REGIONAL SCIENCE CITY,  
(NATIONAL COUNCIL OF SCIENCE MUSEUMS)  
ALIGANJ EXTENSION, EKTA VIHAR,  
SECTOR – E, LUCKNOW – 226024**

**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.

Signature of the tenderer  
Address :

Official seal with date

**REGIONAL SCIENCE CITY,  
(NATIONAL COUNCIL OF SCIENCE MUSEUMS)  
ALIGANJ EXTENSION, EKTA VIHAR,  
SECTOR – E, LUCKNOW – 226024**

**BID SECURING DECLARATION FORM**

Date:.....

Tender No. ....

To,  
The Project Coordinator,  
Regional Science City,  
(National Council of Science Museums)  
Aliganj Extension, Ekta Vihar,  
Sector – E, Lucknow – 226024

I/We. The undersigned, declare that:

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

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

- a) **Have withdrawn/modified/amended, impairs or derogates from the tender, may/our Bid during the period of bid validity specified in the form of Bid; or**
- b) **Having been notified of the acceptance of our Bid by the purchaser during the period of bid validity (i) fail or reuse to execute the contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the instructions to Bidders.**

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

Signed: (signature of person whose name and capacity are shown)  
In the capacity of (legal capacity of person signing the Bid Securing Declaration)

Name: (complete name of person signing the Bid Securing Declaration)

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

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

Official seal with Date

**REGIONAL SCIENCE CITY,  
(NATIONAL COUNCIL OF SCIENCE MUSEUMS)  
ALIGANJ EXTENSION, EKTA VIHAR,  
SECTOR – E, LUCKNOW – 226024**

**TENDER No. : RSCL/1801/E-Tender-05/2020-21**

**TECHNICAL (Techno-Commercial) BID**

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

1. Name & Address of the Firm/Bidder :
2. Telephone Number :  
Office :  
Office at Lucknow/U.P. :
3. i) Background details of the firm :  
(State whether original manufacturer/direct Dealer of the manufacturer).  
ii) In case of direct dealers, submit copy of valid dealership license issued by the manufacturer.
4. State the Name of the Banker including IFSC Code :  
and Account Number of the Tenderer for releasing digital mode of payment.
5. Past experience in such business for last 3 years :  
giving details of established clients especially Government Offices. Submit satisfactory certificate issued by such clients and Government Offices.
6. i) Whether capable to execute the tendered item strictly 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 copies of product brochure (for product categories) as a proof of their statement. :
07. State the Name & Address of the Manufacturer :  
whose product has been offered /quoted by the tenderer.



08. Proof of financial status of the company/audited Balance :  
Sheet for last 3 years indicating total turnover as well  
(Submit documentary evidence.)
09. Whether agreed to accept 30 days credit Payment Terms. :  
(Please mention 'Yes' or 'NO')
10. Minimum time required to complete the tendered item at :  
RSC, Lucknow.
11. Mention GST Registration Number and attach :  
Current valid Tax Clearance Certificate.
12. Whether agreed to execute the work as per enclosed :  
Specification (ANNEXURE-G) positively by 45 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 Director, National Science Centre, Delhi 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**

**ESTIMATED BILL OF QUANTITIES**

**Name of Work :** Supply, Installation, Testing & Commissioning of NVR Based IP IR CCTV Surveillance System on buyback of old DVR based IPCCD camera system installed at Regional Science City, Lucknow

| S.No. | Description of material (As per annexure 'G')  | Make   | Unit  | Req. Qty. | Estimated Rate (in Rs.) | Estimated Amount (in Rs.) |
|-------|--|--|-------|-----------|-------------------------|---------------------------|
| 1     | IP IR HD Dome Camera with IP 67 housing (Indoor)   | Godrej/ Sparsh/ Axis/ Honeywell/ Samsung/ or equivalent approved | nos.  | 15        | 6500                    | 97500                     |
| 2     | IP IR HD Bullet Camera with IP 67 housing (Outdoor)  | Godrej/ Sparsh/ Axis/ Honeywell/ Samsung/ or equivalent approved | nos   | 5         | 3400                    | 17000                     |
| 3     | 32 Channel HD Network Video Recorder   | Godrej/ Sparsh/ Axis/ Honeywell/ Samsung/ or equivalent approved | nos.  | 1         | 27000                   | 27000                     |
| 4     | 6 TB Storage for 32 Channel NVR mentioned above in the list  | Seagate/ Toshiba/ WD   | nos.  | 2         | 13000                   | 26000                     |
| 5     | 8 Port PoE Switch  | Cisco/ Honeywell/ Sparsh or equivalent approved                  | no.   | 4         | 5500                    | 22000                     |
| 6     | 9U Indoor Rack (Wall mounted)  | Dlink or equivalent approved                                     | Nos.  | 3         | 3500                    | 10500                     |
| 7     | CAT 6 Cable (305 mtrs roll)  | Dlink or equivalent approved                                     | rolls | 5         | 4500                    | 22500                     |
| 8     | 6 core OFC SM Cable  | Dlink or equivalent approved                                     | mtrs  | 250       | 35                      | 8750                      |
| 9     | RJ45 Connectors  | Dlink or equivalent approved                                     | nos   | 100       | 6                       | 600                       |
| 10    | SC pigtail   |  | nos   | 12        | 170                     | 2040                      |
| 11    | SC-LC patch cord 3 meter   |  | nos   | 2         | 500                     | 1000                      |
| 12    | 12 Port LIU loaded   |  | nos   | 2         | 7000                    | 14000                     |
| 13    | Supply of 25mm Conduit pipe for Cat6/OFC cable with necessary accessories  | Finolex or equivalent approved                                   | mtrs  | 1380      | 20                      | 27600                     |
| 14    | Supply of HDPE pipe, 25 mm inner dia laying for under ground cable   | ISI make   | mtrs  | 500       | 35                      | 17500                     |
| 15    | Weather proof box with locking & ventilation for PoE switch at back gate(Size-1.5 Cubic feet)                            |  | no    | 1         | 5500                    | 5500                      |
| 16    | Supply, installation, testing and commissioning of 1 KVA UPS for PoE switch  | APC/ Luminous/ Microtek/ or equivalent approved                  | nos.  | 3         | 5000                    | 15000                     |
| 17    | Supply, installation, testing and commissioning of one 43" LED Monitor as per specification                              | Samsung/ Panasonic/ LG/ or equivalent approved                   | nos.  | 1         | 38000                   | 38000                     |
|       | <b>Total material cost excluding digging, for cable laying via HDPE pipe &amp; cable laying via conduit pipe charges</b> |  |       |           |                         | <b>352490</b>             |
| 1     | Camera Mounting, Fixing, Installation and Commissioning of full surveillance system                                      |  | Job   | 1         | @15% of Material Cost   | 52873.5                   |

|  |  |  |      |      |   |                  |
|--|--|--|------|------|---|------------------|
| 2  | Charges for laying Cat6 cable via 25 mm conduit pipe   |  | mtrs | 1380 | @12% of Cat6 cable + conduit pipe charges | 7515             |
| 3  | Charges for laying Cat6 cable via 25 mm HDPE pipe  |  | mtrs | 250  | @15% of Cat6 cable+ HDPE pipe charges     | 3937.5           |
| 4  | Trenching for laying under ground cable, depth upto 300 mm, in areas such as Lawn/ Parking/ Pavement etc. and refilling of the same and making good surface. |  | mtrs | 500  | 1000/ day (5-man days)                    | 5000             |
|  |  |  |      |      |   | <b>69326</b>     |
|  | <b>Total Amount</b>  |  |      |      |   | <b>421816</b>    |
|  | GST charges @ 18%  |  |      |      |   | 75926.88         |
|  | <b>Full Amount including GST</b>   |  |      |      |   | <b>497742.88</b> |
|  | Total Price for Buyback Items (Old LG IPCCD Surveillance System)   |  | Set  | 1    | 25000                                     | 7000             |
|  |  |  |      |      |   | <b>490742.88</b> |
|  | <b>Estimated Cost of the full system including GST and excluding Old Buyback system</b>  |  |      |      | Say as                                    | <b>491000</b>    |
| <b>(Rupees Four Lakh Ninety One Thousand only)</b> |  |  |      |      |   |                  |

**THE LIST OF BUYBACK EQUIPMENT IS AS FOLLOWS:**

| Sn | Equipments        | Quantity | Unit |
|----|-------------------|----------|------|
| 1  | Dome-AHD/ IR-1MP  | 08       | Nos. |
| 2  | Dome-AHD-1MP      | 09       | Nos. |
| 3  | Bullet-AHD/IR-1MP | 03       | Nos. |
| 4  | DVR               | 02       | Nos. |

## SCOPE OF WORK & TECHNICAL SPECIFICATIONS

### SCOPE OF WORK

1. Installation of all the cameras at desired locations.
2. All cameras should have NVR based IP IR night vision capability.
3. Centralize view of all cameras in Central Control Room of the Centre.
4. Basic analytics like:-
  - a) Tripwire detection and tempering of cameras to be provided in all cameras.
  - b) All cabling as per requirement and consideration of the buyer.
  - c) The scope of work installation, commissioning, testing and training to be provided.
5. Once the supply order is placed, it will be the vendors' responsibility to make the project functional. Any additional cost incurred for completing the integrated project and for which the vendor has not bid at the time of submission of the final offer will be borne by the vendor.
6. The CCTVs 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 CCTV Cameras.
7. The contractor will liaison on behalf of RSC, Lucknow with other different OEMs for repairing of equipment(s) and all other accessories during warranty period.
8. At RSC, Lucknow fault clearing should happen with 1 day and outside RSC, Lucknow fault clearing should happen within 7 days of registration in all cases.
9. Repair status will be clear after user is satisfied with the repair.
10. The contractor has to provide a standby hardware in case of breakdown maintenance takes more than one working day for on-site repair.
11. All equipment/items/components and associated accessories under the warranty will have routine checkup once in every three months. The required tools and software for this purpose will be provided by the agency. The agency will send a engineer/supervisor once in every three months to inspect the working of full surveillance system.

## SPECIFICATIONS

|                              |  |
|------------------------------|--|
| Item:                        | <b>IP IR Dome Camera (indoor)</b>  |
| Req. Quantity:               | 15 Nos.  |
| Make:                        | Godrej/ Sparsh/ Axis/ Honeywell/ Samsung/ or equivalent approved   |
| Image Sensor                 | 1/2"- 1/2.9" 3.0 Megapixel CMOS Image sensor   |
| Picture Elements HxV         | 1920 x 1080  |
| Resolution                   | 1080P/ 720P/ VGA   |
| Video Compression            | H.265+ / H.265/ H.264+/ H.264H/ MJPEG  |
| Body Type                    | Vandal Dome  |
| White Balance                | Auto/ Natural/ Manual  |
| Lens Focal Length            | 2.3mm - 2.8mm  |
| Digital (DSP)                | Yes  |
| Specialist Type              | Infrared   |
| Sensitivity Lux              | 0 lux  |
| Angle of View                | Horizontal: 100° - 86°<br>Vertical: 60° - 44°<br>Diagonal: 145° - 108°   |
| Digital Noise Deduction      | 2D/3D DNR  |
| Motion Detection             | Off/ On  |
| Wide Dynamic Range           | Yes  |
| Network Properties           | Image Frame Rate: 25 fps<br>Interface: 1 RJ45 10M/100M Ethernet interface<br>Network Protocols: TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPV6, Bonjour |
| Back Light Compensation      | Yes  |
| Auto Gain Control            | Yes (Auto / Manual)  |
| Electronic Shutter Range     | 1/25 ~ 1/100,000s  |
| Environmental Specifications | Standard: IP66 / IP67  |
| Operating Temperature:       | -30 ° C +60 ° C Humidity: Less than 95% RH   |
| Electrical Specifications    | Voltage: 12 V DC PoE   |
| Additional info              | Support dual stream, and the sub-stream for mobile surveillance<br>IR cut filter with auto switch (ICR)<br>Electronic shutter for different surveillance environments<br>Standard video compression with high compression ratio  |

|                              |  |
|------------------------------|--|
| Item:                        | <b>IP IR Bullet Camera (Outdoor)</b>   |
| Req. Quantity:               | 5 Nos.   |
| Make:                        | Godrej/ Sparsh/ Axis/ Honeywell/ Samsung/ or equivalent approved   |
| Image Sensor                 | 1/2"- 1/2.9" 2.0 Megapixel CMOS Image sensor   |
| Picture Elements HxV         | 1920 x 1080  |
| Resolution                   | 1080P/ 720P/ VGA   |
| Video Compression            | H.265+ / H.265/ H.264+/ H.264H/ MJPEG  |
| Body Type                    | Vandal Dome  |
| White Balance                | Auto/ Natural/ Manual  |
| Lens Focal Length            | 2.0mm – 3.6mm  |
| Digital (DSP)                | Yes  |
| Specialist Type              | Infrared   |
| Sensitivity Lux              | 0 lux  |
| Angle of View                | Horizontal: 100° - 86°<br>Vertical: 60° - 44°<br>Diagonal: 145° - 108°   |
| Digital Noise Deduction      | 2D/3D DNR  |
| Motion Detection             | Off/ On  |
| Wide Dynamic Range           | Yes  |
| Network Properties           | Image Frame Rate: 25 fps<br>Interface: 1 RJ45 10M/100M Ethernet interface<br>Network Protocols: TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPV6, Bonjour |
| Back Light Compensation      | Yes  |
| Auto Gain Control            | Yes (Auto / Manual)  |
| Electronic Shutter Range     | 1/25 ~ 1/100,000s  |
| Environmental Specifications | Standard: IP66 / IP67  |
| Operating Temperature:       | -30 ° C -+60 ° C Humidity: Less than 95% RH  |
| Electrical Specifications    | Voltage: 12 V DC PoE   |
| Additional info              | Support dual stream, and the sub-stream for mobile surveillance<br>IR cut filter with auto switch (ICR)<br>Electronic shutter for different surveillance environments<br>Standard video compression with high compression ratio  |

|                           |   |
|---------------------------|---|
| Item:                     | <b>32 Channel Network Video Recorder</b>  |
| Req. Quantity:            | 1 No.   |
| Make:                     | Godrej/ Sparsh/ Axis/ Honeywell/ Samsung/ or equivalent approved  |
| IP Video Output           | 16 Channel  |
| Video Output              | HDMI / VGA  |
| Display Split             | 1/4/9/16  |
| Display Resolution        | 1920x1080, 1280x1024, 1280x720, 1024x768  |
| Network Protocols         | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, Ipv6, Bonjour                                      |
| Mobile Application        | iPhone, iPad, iPod, Android Smart Phones and Tablets  |
| Tour Display              | Supported on Main Screen  |
| OSD                       | Camera Title, Time, Video loss, Camera lock, Recording, Motion Detection  |
| Recording Resolution      | 5MP (2560x1920), 4MP (2560x1440), 3MP (2048x1536), 1080P (1920x1080), 720P (1280x720), D1/4CIF (704x480)  |
| Recording Priority        | Manual, Alarm, MD, Regular  |
| Trigger Events            | Recording, PTZ movement, Tour, Alarm, Email, FTP, Buzzer and Screen tips  |
| Video Loss & Camera Blank | Supported   |
| Alarm Input               | 4   |
| Playback Grid             | 1/4/8/16 Channels   |
| Video Search Mode         | Time/Date, Alarm, MD & Exact Search (Accurate to second)  |
| Playback Functions        | Play, Pause, Stop, Rewind, Fast Play, Slow Play, Next file, Previous file, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom |
| Backup Mode               | USB Device / External DVD Burner / Network / Internet   |
| Ethernet                  | RJ-45 Port (Gigabit)  |
| Hard Disk                 | 2 SATA Interface Port   |
| Capacity                  | Support 10 TB for each HDD  |
| HDD Management            | HDD hibernation technology, HDD faulty alarm  |
| USB Interface             | 1 USB 2.0, 1 USB 3.0  |

|                |  |
|----------------|--|
| Item:          | <b>6 TB Storage for 16 Channel NVR</b> |
| Req. Quantity: | 2 Nos.                                 |
| Make:          | Seagate/ Toshiba/ WD                   |

|                            |            |
|----------------------------|------------|
| Highest Available capacity | 6 TB       |
| Interface                  | SATA 6Gb/s |
| Form Factor                | 3.5 inch   |

|                        |  |
|------------------------|--|
| Item:                  | <b>8 Port PoE Switch</b>   |
| Req. Quantity:         | 4 Nos.   |
| Make:                  | Cisco/ Honeywell/ Sparsh or equivalent approved                        |
| Ports                  | 8  |
| Memory                 | 512 K  |
| Industry Standards     | IEEE 802.3af, IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX/FX, IEEE802.3x |
| External Ports         | 8 – RJ-45 (PoE)  |
| Flow Control           | Half-duplex back-pressure and IEEE802.3x full-duplex flow control      |
| Compatible Networks    | 10/100 Mbps  |
| Switching Architecture | Store-and-Forward  |
| Color                  | Black / Grey   |
| Enclosure Type         | Steel  |
| Input Voltage          | 110 ~ 240 AC   |
| Switch Type            | Rack Mountable   |

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|                |  |
|----------------|--|
| Item:          | <b>9U Indoor Rack</b>                        |
| Req. Quantity: | 3 Nos.                                       |
| Make:          | DLink/ or equivalent approved                |
| Construction   | Welded                                       |
| Colour         | Grey/ Black/ White                           |
| Series         | 9U   |
| Load Capacity  | 40 kgs or more                               |
| Frame Material | Steel  |
| Mounting type  | 19 Inch Mounting Angles Made Of Formed Steel |
| Door Type      | Lockable Toughened Glass Door                |
| Finish         | Powder Coated                                |

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|                      |  |
|----------------------|--|
| Item:                | <b>42"/ 43" LED Monitor</b>                    |
| Req. Quantity:       | 1 No.  |
| Make:                | Samsung/ Panasonic/ LG/ or equivalent approved |
| Display Size         | 42"/ 43" Diagonal                              |
| Resolution           | 1920 x 1080 (FHD)                              |
| Number of Colours    | 16.7 M Colour                                  |
| Aspect Ratio         | 16:9   |
| Brightness (Nits)    | 250 or more                                    |
| Viewing Angle        | 178:178  |
| Response Time        | 4-5ms  |
| Display Connectivity | HDMI / DP                                      |



BANK DETAILS OF REGIONAL SCIENCE CITY, LUCKNOW

|                            |   |
|----------------------------|---|
| Name of the Account Holder | REGIONAL SCIENCE CITY, LUCKNOW  |
| Account No.                | 62166113527   |
| Bank Name                  | STATE BANK OF INDIA   |
| Bank Address               | Aliganj Extension, Sector-E<br>Lucknow-226024<br>Telephone: 0522-2335343, 2335344 |
| IFSC Code                  | SBIN0021168   |
| MICR Code                  | 226002132   |
| Type of Account            | Saving Account  |
| Branch Code                | 21168   |
| GST Number                 | 09AAAAN2541C2Z0   |