



हरिश-चन्द्र अनुसंधान संस्थान  
Harish-Chandra Research Institute

## **TENDER FOR**

**INVITING TENDER FOR**

**SITC OF CCTV SYSTEM AT SOME NEW LOCATIONS IN HRI  
CAMPUS AT PRAYAGRAJ -211 019**

**TENDER NOTICE NO. HRI/27/2025**

# Harish-Chandra Research Institute

Chhatnag Road, Jhunsi, Prayagraj

## **SITC OF CCTV SYSTEM AT SOME NEW LOCATIONS IN HRI CAMPUS AT PRAYAGRAJ**

Bid Reference No. : NIT – HRI/27/2025

Last date and time for submission of bids : 17.09.2025 up-to 1100 Hrs.

Date and time of opening of Bid : 18.09.2025 up-to 1200 Hrs.

Place of Opening of Bids : Harish-Chandra Research Institute  
Chhatnag Road, Jhunsi,  
Prayagraj-211019

***The dates for submission and opening of the tender mentioned above are final. In case some other dates for these are mentioned elsewhere in the tender document, the above shall prevail over them.***

1. Tenders should be submitted only through CPP portal and obtain the Tender Acknowledgement copy as a proof of successful submission. For instruction of online bid submission, please ref. page – 03.
2. The details of tender notification can be downloaded from “<https://eprocure.gov.in/eprocure/app>”.
3. Tender documents for viewing only are also available on HRI web-site address: [www.hri.res.in/tenders](http://www.hri.res.in/tenders)

Address for any clarification/communication : Mr. Ajay Srivastava SO-C,  
0532-2274333,  
([ajay@hri.res.in](mailto:ajay@hri.res.in)),  
Mr. Manish Sharma SO-E,  
0532-227 4358,  
([manish@hri.res.in](mailto:manish@hri.res.in))  
*ENGINEERING SECTION,*  
HARISH-CHANDRA RESEARCH  
INSTITUTE, PRAYAGRAJ

***This document contains : 25 Pages***

It will be the responsibility of the bidders to check website [www.hri.res.in](http://www.hri.res.in) & CPP portal for any amendment through corrigendum in the tender document. In case of any amendment, bidders will have to incorporate the amendments in their bid accordingly.

**Sd/-**  
Seal & Signature  
Registrar, HRI

## **Instructions for Online Bid Submission**

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.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>

### **REGISTRATION**

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. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP portal. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (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. 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 for misuse. Bidder then logs in to the site through the secured log-in by entering their user ID/password and password of the DSC/e-Token.

### **SEARCHING FOR TENDER DOCUMENTS**

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. 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/email in case there is any corrigendum issued to the tender document. 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**

Bidder should take into account any corrigendum published on the tender document before submitting their bids. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid: Please note the number of covers in which the bid documents have to be submitted, the number of documents – including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

**Harish-Chandra Research Institute**  
*Chhatnag Road, Jhunsi, Prayagraj*

**Name of work: SITC of CCTV system at some new location in HRI campus at Prayagraj**

**Tender Notice No.: HRI/27/2025**

**I N D E X**

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**SECTION - I**

**NOTICE INVITING TENDERS**

**HARISH-CHANDRA RESEARCH INSTITUTE**  
**CHHATNAG, ROAD, JHUNSI, PRAYAGRAJ – 211 019**

**TENDER NOTICE NO. HRI/27/2025**

E-tender in two bids system are invited on behalf of the Director, Harish-Chandra Research Institute from eligible Contractors up-to **11.00 a.m.** on **17.09.2025** and only technical bid shall be opened on **18.09.2025** at 12.00 p.m. for the work: **SITC of CCTV system at some new location in HRI campus at Prayagraj**

<b>Estimated Cost</b>	<b>EMD</b>	<b>Performance Security</b>	<b>Security Deposit</b>	<b>Time of completion</b>
<b>Rs. 56.8 Lakh</b>	<b>Rs. 113600/-</b>	<b>@ 5% of work order value</b>	<b>@ 2.5% of work order value</b>	<b>2 months</b>

**Director, HRI reserves the right to accept or reject any or all the Tenders without assigning any reason.**

*Sd/-*  
**Registrar**  
HRI, Prayagraj.

## **SECTION - II**

### **TERMS & CONDITIONS**

## **TERMS & CONDITIONS**

E-tender in two bids system is invited from eligible tenderers for **SITC of CCTV system at some new location in HRI campus at Prayagraj**

*Following instructions should be strictly followed while submitting your tender.*

1. The bid submitted by the bidders should be valid for a period of 180 days from the date of the opening of technical bid. However, the bidder to whom work will be awarded, their bid will be considered valid till execution of contract agreement.
2. Deadline for receipt of tenders (Part-1 & Part-2) is **11.00 a.m.** on or before **17.09.2025**. Late submission will not be entertained on any account.
3. The Part-I of tender will be opened at the above office at **12.00 p.m.** on **18.09.2025** and your authorized representatives can be present at the time when the tenders are so opened and opening time of Part-2 (Price Bid) will be intimated later on to qualified bidder of Part-1 only. If on the day of opening of tender, holiday is declared in HRI then tender will be opened on next working day at same time.
4. Account payee demand draft, fixed deposit receipt, banker's cheque or Bank Guarantee from any of the Commercial Banks guaranteed by the Reserve Bank of India for the **Earnest Money Deposit of Rs. 1,13,600/-** in favour of Registrar, HRI, Prayagraj. No exemption for EMD will be entertained. The tender of parties submitted without EMD shall be rejected. The EMD should be valid for a period 45 days beyond the validity period (90 days) of the tender. Bidder should prepare the EMD as mentioned above. The scanned copy of EMD should be uploaded with tender document. The original should be put in Tender box kept at Reception of Institute building, HRI, latest by the last date of bid submission or as specified in the tender documents. The details 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. Following document/details is to be submitted by tenderer with their technical bid.
  - a. Party should have average annual turnover for works not less than Rs. 56.8 lakhs during last three years ending 31.03.2025. They have to submit document related to turnover and profit & loss statement as a proof. The document should be duly audited by a Chartered Accountant. Year in which no turnover is shown would also be considered for working out the average.
    - (i) Year 2022-2023
    - (ii) Year 2023-2024
    - (iii) Year 2024-2025
  - b. Profile of firm including name of owner, official telephone no./ e-mail address:
  - c. Copy of PAN & GST registration certificate
  - d. The applicant should have valid Solvency of Rs. 22.7 lakhs certified by his bankers
  - e. Experience of having successfully completed works during last seven years ending day before opening of technical bid. The party has to submit work order copy, Performance and satisfactory completion certificate of the concerned work.
    - (i) **Three (03) similar works completed** costing not less than Rs. 22.7 lakhs each  
OR  
**Two (02) similar works completed** costing not less than Rs. 34.1 lakhs each  
OR  
**One (01) similar works completed** costing not less than Rs. 45.4 lakhs

and

- (ii) **One completed similar work** (either part of (i) or a separate one) costing not less than Rs. 22.7 lakhs with some Central/State Government Organization/Central Autonomous Body/Central Public Sector undertaking during last seven years ending day before opening of technical bid.

**Similar work shall mean: Work related to CCTV system.** The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to last date of submission of tender. If in a composite work there is portion of surveillance work of concerned amount then it may also be considered.

The performance for each work completed in the last seven years should be certified by an officer not below the rank of Executive Engineer or equivalent.

- f. List of works in hand & List of similar works carried out by them for last 7 years indicating; i) Agency for whom executed, ii) Value of work, iii) Completion time as stipulated and actual, or present position of the work.
  - g. Tender acceptance letter (ref. annexure-I) mentioned on page no. 13
  - h. List of construction plant, machinery, equipment's, accessories & infrastructure facilities possessed by the agency to complete the work in time.
  - i. List of technical staff possess and proposed to deploy for this work.
6. **If the party does not fulfill the criteria of turnover, solvency, work experience and under GST, Tender acceptance letter as mentioned above in point no. 5 then they will not be considered in this tender.**
7. **The party has to submit compliance report along with supporting document related to technical specification as mentioned on page no. 18 to 21 separately with their technical bid. Without this report the party will not be considered in this tender.**
8. The bidder should have valid authorization from the principal manufacturer/distributor specific to quoted items.
9. The bidder must not be debarred or black listed by any State and Central Government department to do the business with state or central government department or its autonomous bodies. The bidder must enclosed undertaking to this effect.
10. The Bidders shall make a presentation/demonstration of the CCTV system, if required by the evaluation committee as per technical compliance.
11. Department may ask the bidders to arrange visit of evaluation committee to department/ organizations where the bidder has already executed such similar work order as claimed in their technical bid.
12. If the bidders do not submit the required document/details with their bids then Institute may ask the bidders to submit the details/documents after opening of their bids. The concerned documents may be asked to submit on portal/e-mail/ by post etc. However, if three or more bidders are qualifying in the tender then bidders will not be asked to submit the details after opening of their bid.
13. The tenders submitted by fax/email will not be considered. No further correspondence will be entertained on this matter.
14. The applicable labour cess related to this work will be deducted from the bill amount.

15. If the contractor fails to execute and complete the work otherwise fail to comply with any of the terms and conditions of this order, then the Institute shall be at liberty without avoiding this order forthwith, to require the contractor to remove his workmen from the site and to take the work out of the hands of the contractor and to employ any other person to execute and use all materials, tools, scaffolding, plants, implements and things on or about the work, and thereafter neither the contractor nor his workman shall have any power to intervene with any person employed by the Institute. All expenses and damages to property incurred by the institute, consequent on the employment and certified by Engineer-in-charge and shall be paid to the Institute by the contractor or deducted by the Institute from any money due to or to become due to the contractor in this work or any other work done by contractor in HRI.
16. Party should quote their rate in consideration of material, labour, tools & plants, scaffolding etc. and all applicable taxes in the SOQ. The rate quoted by party will be considered as fixed and no other charges will be paid.
17. The quantity mentioned under schedule of quantities is tentative. The payment will be made based on actual quantities which will be utilized during execution of work.
18. If bidder do not quote rate of any item under schedule of quantities or left the rate column blank then their bid will be treated as unresponsive & shall not be considered.
19. The lowest bidder will be finalized based on overall quoted amount in this tender. However, total amount will be considered based on sum of individual items.
20. The time of completion of work is **2 months** and shall be reckoned from 7 days after the date of issue of work order.
21. Neither the security deposit nor the retention money shall bear any interest.
22. Incomplete tenders are liable to be rejected.
23. If the Government imposes any new taxes on this concerned nature of work after issuing the work order then same may be reimbursed to party if they submit the relevant proof of that.
24. The contractor will have to take all measures at their own cost related to safety of workers during execution of work.
25. The contractor shall, at all times, take due and proper precautions against accidents or injury to the workers or any person or property, and shall indemnify the company for all motion's suits or any damage or compensation payable in consequence of any accident or injury sustained by any workman or other person whether in the employment of the contractor or not.
26. Any condition imposed by the party in this tender at their own will not be considered. There will be no liability of HRI to take any clearance from party in that regard.
27. The contractor shall not assign or sublet the contract for the work of any part thereof.
28. The contractor shall allow the Engineer-in-charge or their representative to inspect and supervise the work during its progress.
29. The contractor shall, at his own expenses, within one week from the completion date, remove all tools, plants, scaffoldings, implements and unused materials from the site and leave the same in a clean and proper state, to the satisfaction of the Engineer-in-charge.
30. The Contractor shall agree and undertake to totally indemnify HRI against all expenses, claims, payments, dues, fines, penalties, compensations, liabilities, and losses whatsoever which the HRI may suffer due to the default, violations, omissions thefts, or non-compliance of the statutory and/or contractual obligations committed by the Contractor or its employed. The HRI shall also have the right to deduct and recover all such losses and expenses etc. from any payments due to the Contractor besides seeking appropriate legal remedies for the balance amount or relief, if any.

31. **Payment terms:** Payment will be made as per following
- a. 50% against the imperishable material received at site, valued at item rates given in 'Schedule of Quantities'.
  - b. RA bill after completion of 50%, 75% of work subject to proportionate adjustment of advance for materials as at (a) above and final bill after completion of work.
32. **The period of project in which this work is to be executed is up-to 31<sup>st</sup> December-2025. In view of that the work will have to be completed within stipulated period or by 15<sup>th</sup> December-2025 whichever earlier in all respect without any time extension so that any bill regarding payment may be cleared by 31<sup>st</sup> December-2025. If the work is not completed by the said period, then work will have to be foreclosed prior to 15<sup>th</sup> December-2025. No payment will be possible after 31<sup>st</sup> December-2025.**
33. No escalation clause related to price hike of material & manpower is applicable in this work.
34. The defect liability period of the work is for two years after completion of work. During this period if any problem comes related to executed work, then party will have to repair the work at their own cost.
35. An amount equal to 2.5% of order value towards Security Deposit shall be recovered from the bill amount. The security money will be returned after 24 months from the date of completion of work and submission of certificate by contractor that there is no statutory liability (taxes etc.) due on him for this work. If the party deposit equal amount of security money in the form of FDR/BG then required security money may be adjusted or released on the request of party. In addition, the contractor shall be required to deposit an amount equal to 5% of the order value of the contract as performance security (in the form of Demand Draft/FDR/B.G. of scheduled Bank guaranteed by the Reserve Bank of India) within 7 days from the date of award of letter of intent. If the performance security is not submitted by the contractor within stipulated period, then a penalty @0.1% per day of performance security will be imposed. The performance security will be released after completion of work alongwith the final bill. A draft of B.G. for performance security is given (ref. page no. 14, however, some changes in this format may be made by Competent authority of HRI at time of award of LOI).
36. If the party delays the work without any justified reasons, the penalty would be imposed on them. This will be @1. 5% of the order value per month from the end of stipulated period/ (extended the period if any) of contract till the actual completion of work. However, penalty amount will not be more than 10% of order value. If it is found that party is not taking interest during delay period for completing the work then competent authority of Institute may also take decision for terminating the order/contract of concerned work. In this case, EMD & Security money of the party will be forfeited. In addition, party may be debarred to participate in any tender of HRI for a minimum period of two years or decided by competent authority, HRI.
37. **Party will have to make their own arrangement for cable, generator etc. for welding work at the site. If it is possible to provide electricity supply somewhere, then it can be provided with the applicable electricity charges.**
38. If the water will be supplied by department, then charges will be recovered@1% gross value of work done.
39. All labour regulation applicable by the central Labour Commissioner of Govt. of India shall be adhered to strictly.
40. In case the party shows unwillingness to do work after opening of their tender then their EMD, will be forfeited to HRI. In addition, party may be debarred to participate in any tender of HRI for a minimum period of two years or decided by competent authority, HRI.
41. The word party or tenderer or contractor mentioned in the tender documents will be considered for those who are participating in this tender.

42. Decision of the Director of the Institute will be final & binding for all concerned
43. Party has to ensure gate entry (at Security gate, HRI) for any material before bringing at site. In this connection, they have to submit challan copy of materials in Engineering office at HRI for records.
44. For any information/clarification in this tender, you may contact Engineering Section, HARISH-CHANDRA RESEARCH INSTITUTE, during office hrs. (9.00 a.m. to 5.30 p.m.) on any working days.
45. Director, Harish-Chandra Research Institute reserves the right to reject any or all tenders without assigning any reason whatsoever. Harish-Chandra Research Institute would not be under any obligation to give any clarifications to those contractors whose tenders have been rejected.
46. All disputes will be subject to Allahabad jurisdiction.
47. The party will have to do work as per given specification and also to follow relevant IS code related to the concerned work.
48. The contractor will have to supply new and good quality of materials as per given specification under schedule of quantities (Price bid). In case of doubt related to any supplied material by the contractor, testing of material may be get done by any agency and for this the cost involved will be borne by contractor. If it is found that contractor has deliberately supplied the defective/wrong material then their tender may be cancelled. In this case, EMD & Security amount of contractor will be forfeited and they also be debarred for minimum period of five year (or as decided by the competent authority, HRI) to participate in any tender of HRI.

**Note: The contractor acknowledge that he has satisfied himself as to the nature and location of the work before submitting the tender.**

#### **DECLARATION BY THE CONTRACTOR**

It is hereby declared that I/We the undersigned, have read and examined all the terms and conditions etc. of the tender document for which I/We have signed and submitted the tender under proper lawful Power of Attorney. It is also certified that all the terms and conditions of the tender document are fully acceptable to me/us and I/We will abide by the conditions from serial no. 1 to 48. This is also certified that I/We/our principal manufacturing firms have no objection in signing the contract if the opportunity for the items against this tender is given to me/us.

Date:

Signature:

Address:

Designation:

Name:

On behalf of company Seal:

<b>Party should sign this page alongwith stamp and attach scan copy of this with their technical bid</b>
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**TENDER ACCEPTANCE LETTER**  
(To be given on Company Letter Head)

Date:

To,

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Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: \_\_\_\_\_

Name of Tender / Work: -

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Dear Sir,

1. I/ We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely:

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as per your advertisement, given in the above mentioned website(s).

2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No. \_\_\_\_\_ to \_\_\_\_\_ (including all documents like annexure(s), schedule(s), etc .), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.

3. The corrigendum(s) issued from time to time by your department/ organisation too have also been taken into consideration, while submitting this acceptance letter.

4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.

5. I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.

6. I / We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organisation shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract , without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

**DRAFT FORMAT OF B.G. FOR PERFORMANCE SECURITY**

To,

**The Director**

Harish Chandra Research Institute,  
Chhatnag Road, Jhansi,  
Prayagraj - 211019

Dear Sir,

WHEREAS \_\_\_\_\_ <name of the service provider agency / bidder>, represented by its Managing Director (or whatever designation authorized person holds) having administrative Office at \_\_\_\_\_) (hereinafter called "Service Provider Agency") has undertaken a job in pursuance of Work Order No HRI/\_\_\_\_\_ dated \_\_\_\_\_ 2021 and subsequent contract dated \_\_\_\_\_ for "Annual Operation and maintenance of \_\_\_\_\_ Air-conditioning Package units & Comprehensive maintenance of other individual AC units" at Harish-Chandra Research Institute (HRI), Prayagraj (Allahabad), an Institution under administrative control of Department of Atomic Energy, Government of India herein after called "**the Contract**".

AND WHEREAS it has been stipulated by you in the said Contract that the Service Provider Agency shall furnish you with a bank guarantee by a Nationalised/Scheduled Commercial Bank for the sum specified therein as performance security for compliance with its obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the supplier such a bank guarantee;

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the Service Provider Agency, up to a total of **Rs. ----- (Rs ----- only)** which shall be referred to as '*amount of guarantee*', and we undertake to pay you, upon your first written demand declaring the Service Provider Agency to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee i.e **Rs. -----**) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Service Provider Agency before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract to be performed thereunder or of any of the Contract documents which may be made between you and the Service Provider Agency shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

This Guarantee shall be a continuing guarantee and shall not be discharged by and change in the constitution of the Bank or in the constitution of M/s. \_\_\_\_\_.

This guarantee shall be valid until the <dd/mm/yyyy>. {This date to be defined as per clause 11 of Terms and Conditions of tender

.....  
(Signature of the authorized officer of the Bank)

.....  
Name and designation of the officer

.....  
Seal, name & address of the Bank and address of the Branch

## **SECTION - III**

### **SCOPE AND SPECIFICATION OF WORK**

## **General scope of work**

- a. The bidder is required to Supply, Installation, Testing & commissioning of CCTV system at HRI, Prayagraj as per the specification and conditions mentioned in this tender document.
- b. The bidder shall have to be trained institute person/persons on site by the certified and trained Engineer on operation, preventive maintenance, recording and retrieval of the CCTV recording etc.
- c. OEM should be ISO 9001, ISO, 27001, CMMI Level 5 Certified Company.
- d. OEM should have been established in India at least for 10 years, its presence should be supported with brand registration certificates like TM etc.
- e. OEM should have a manufacturing facility in India for 5 years to support Make in India.
- f. Bidder shall submit the detailed BOM, Brochure of the equipment offered duly verified and certified by the respective OEM and the same model should be displayed on the OEM website.
- g. The Bidder must ensure the OEM parent country of origin should not be under restriction or barred by Government of India /any Government department/agency. HRI may reject/cancel the bid at any stage if any OEM is not deemed fit as per government/ Intelligence/Cyber Security/Internal Classified Reports and use only Government approved OEMs products and equipment's.
- h. OEM should have a regular member of ONVIF and should not have suspended its support to the camera OEM.
- i. OEM should have listed with Ministry of Skill Development & Entrepreneurship/National Skill Development Corporation (NSDC) to provide skilled manpower through their SI/Self to cater buyer requirement.
- j. Complaint during warranty period should be attended within 24 hours after service call.
- k. In case of nonperforming of Camera and other system, the same will be replaced by the contractor at his own cost during defect liability period.
- l. The Bidder must maintain all active/passive software license purchased for the setup in the name of HRI and shall handover all hardware/software and any password protection data to the department engineer.
- m. The Department may seek recording of CCTV for viewing / download on external medium, anytime in the past up to 7 days, therefore such recording must be stored without loss in a reliable manner with facility to record in external hard disk.
- n. Bidder must provide a certificate from OEM that the proposed model of CCTV products must not become obsolete within a period of 3 years in case it gets EOL due to technology advancement then OEM will support the equivalent or higher model. Also, any product which is nearing the End-of-Sale (EoS) must not be proposed in the solution.
- o. Bidder will have to submit OEM Authorization on OEM letter head with bid number for Quoted Product.
- p. The Camera OEM should comply to General Data Protection Regulation (GDPR), Waste Electrical & Electronic Equipment (WEEE) and Cyber security framework (IEC27032:2012). Relevant certificates shall be submitted along with technical bid.
- q. Warranty period for whole CCTV system is 02 year.
- r. The OEM should not be suspended/blacklisted on any of the open platform globally.**

- s. All the Cameras should be from same OEM for seamless integration and ease of operation OR VMS should be fully **compatible with the camera.**
- t. The OEM of proposed Camera should have its own company registered in India (under Incorporation of Companies Act in India) since last 10 years. Any representation through a Dealer/ Distributor/ Joint Venture/ consortium shall not be treated as OEM. It should be supported with necessary statutory documents.
- u. The CCTV OEM should have its direct service/ support center in the city of installation more than last 7 years. Required sales, service tax registration certificate shall be provided along with the bid.
- v. The OEM should have ISO9001:2008 and ISO 14001:2004 or latest certificate for manufacturing of all types of Cameras & NVR and all the CCTV components (Camera, VMS etc.) should be from same OEM. The Bidder/s shall attach the copy of the OEM's ISO & STQC Certificate along with the bid.
- w. All CCTV hardware products offered in the project should be UL, CE, RoHS, and FCC.
- x. The OEM for CCTV camera must have more than 500 employees on its payroll in India. This is to justify that CCTV OEM has made investment in India and is serious about its business in India which will ensure long term after sales support and spare support from the OEM. Respective document/ certificate to be provided along with the bid.
- y. The Surveillance OEM should have its factory in India with Make in India facilities.
- z. The OEM of the proposed Cameras must have supplied minimum 300 cameras in a single & multi-site government project. This is to validate that the proposed OEM's cameras are performing well in similar project environment.
- aa. The OEM of the CCTV equipment's should not be banned, blacklisted by any government/ institution worldwide, self-declaration for the same to be provided.
- bb. The OEM should be CMMI Level 5 Certificate.
- cc. The OEM of CCTV should be the full member of the ONVIF & should not be suspended or blacklisted ever.

Note: The party has to submit compliance report alongwith supporting document related to technical specification as mentioned on page no. 18 to 21 separately with their technical bid. Without this report, the party will not be considered in this tender.

## Compliance Report

<b>4 MP Full HD WDR IR Dome Camera</b>			
		<b>Compliance (Yes / No)</b>	<b>Specify for deviation (if any)</b>
Image Sensor	1/2.7" 4MP PS CMOS Image Sensor (0.9407 cm)		
Minimum Illumination	0.008 Lux@F1.6		
Effective Pixels	2592 (H) × 1944 (V)		
Shutter Speed	Auto/Manual 1/3 s–1/100000 s		
White Balance	Auto/natural/street lamp/outdoor/manual/regional custom		
Lens	3.6mm fixed lens (2.8mm optional)		
Gain Control (AGC)	Auto/Manual		
Video Compression	H.265+;H.265; H.264+; H.264; H.264B; MJPEG		
Angle of View	2.8 mm: Horizontal: 103.0° , Vertical: 71.0°, Diagonal: 132.0° 3.6 mm: Horizontal: 84.0°, Vertical: 58.0° , Diagonal: 110.0°		
Back Light Compensation	BLC / HLC / WDR(120dB)		
Video Streaming	Main stream:2592 × 1944 (1 fps-20 fps) 2688 × 1520 (1 fps-25/30 fps) Sub stream: 704 × 576 (1 fps-25 fps) 704 × 480 (1 fps- 30 fps)		
Resolution	2592×1944(2592×1944); 2688×1520(2688×1520); 3M(2048×1536); 2304×1296(2304×1296); 1080p(1920×1080); 1.3M (1280 × 960); 720p(1280×720); D1(704× 576/704×480); VGA (640×480); CIF(352×288/352×240)		
Motion Detection	OFF/ON (4 areas, rectangular)		
ICR	Auto(ICR)/Color/B/W		
Privacy Mask	4 Areas		
ROI	Yes (4 Areas)		
Bit Rate	H.264: 32Kbps ~ 8192Kbps H.265: 12Kbps ~ 8192Kbps		
Protocol	HTTP; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPv4/v6; QoS; UPnP; NTP; RTMP; Multicast; HTTPS; SFTP; 802.1x; ICMP; IGMP; ONVIF (Profile S/Profile G/T); CGI; InstaOn; Milestone; Genetec		
Smart Detection	Tripwire, Intrusion		
Ethernet	RJ-45 (10/100Base-T)		
Event Trigger	Abnormality detection: Motion detection, video tempering, no SD card, SD card full, SD card error, network disconnected, IP conflict, illegal access, voltage detection		
User Account	20 Users		

Features	Specification	Compliance (Yes / No)	Specify for deviation (if any)
IR	IR Range of 30 Mtr., Smart IR		
Smart Phone	iPhone, iPad, Android Phone		
Micro SD	FTP; Micro SD card (max. 512GB); NAS		
Storage Temperature	-40°C to +60°C (-40°F to +140°F)		
Operating Temperature	-40°C to +60°C (-40°F to +140°F)		
Humidity	≤95%		
Power Source	12V DC/PoE (802.3af)		
Power Consumption	< 6.1W		
Casing	Metal		
Weatherproof Standard	IP67 & IK10		
Dimension	81mm x Φ109.9mm		
Weight	0.350Kg		
<b>4MP VF Bullet with 60mtr IR Range</b>			
Image Sensor	1/2.7" 5MP Progressive scan CMOS (0.9407 centimeters)		
Minimum Illumination	0.01 Lux@F1.5		
Effective Pixels	2592(H) x 1944(V)		
BodyType	Bullet		
Shutter Speed	Auto/Manual, 1/3~1/100000s		
White Balance	Auto/Natural/Street Lamp/Outdoor/Manual		
Lens	2.7mm~13.5mm Motorized Lens		
Gain Control (AGC)	Auto/Manual		
Video Compression	Instastream/H.265/H.264+/H.264/ H.264B/ MJPEG		
Angle of View	Horizontal: 100°~26° Vertical: 72°~20° Diagonal: 133°~33°		
S/N Ratio	More than 50dB		
Back Light Comp.	BLC / HLC / WDR(120dB)		
Video Streaming	Main stream: 2592 × 1944 (1 fps-20 fps) 2688 × 1520 (1 fps-25/30 fps) Sub stream: 704 × 576 (1 fps-25 fps) 704 × 480 (1 fps- 30 fps)		
Digital Zoom	16x		
Resolution	5MP(2592×1944)/4MP(2688x1520)/(2560 ×1440)/(2304x1296)/1080P(1920x1080)/S XGA (1280×1024)/1.3M(1280× 960)/720P(1280×720)/D1(704×576/704×48 0)/VGA(640×480)/CIF (352×288/352×240)		
Motion Detection	Off / On (4 Zone, Rectangle)		
Privacy Mask	Off / On (4 Area, Rectangle)		
ICR	Auto(ICR)/Color/B/W		
ROI	Off / On (4 Zone)		

Features	Specification	Compliance (Yes / No)	Specify for deviation (if any)
Audio Input	1 Ch.		
Audio Output	1 Ch.		
Audio Compression	G.711A/G.711Mu/G.726/AAC		
Alarm IN	1 channel In: 5mA 5VDC		
Alarm Out	1 channel Out: 300mA 12VDC		
Bit Rate	H.265: 12K ~ 8448Kbps H.264: 32K ~ 10240Kbps		
Protocol	HTTP; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPv4/v6; QoS; UPnP; NTP; RTMP; Multicast; HTTPS; SFTP; 802.1x; ICMP; IGMP; ONVIF (Profile S/Profile G); CGI; InstaOn cloud; Milestone; Genetec		
Smart Detection	Tripwire, Intrusion		
Ethernet	RJ-45 (10/100Base-T)		
User Account	20 Users		
Smart Phone	iPhone, iPad, Android Phone		
IR Range	IR Range of 60 Mtr.		
Micro SD	FTP; Micro SD Card (support max. 512GB); NAS		
Operating Temperature	-30°C~+60°C , Less than 95%RH		
Power Source	DC12V,PoE (802.3af)		
Power Consumption	<10W		
Weatherproof Standard	IP67, IK10 (Optional)		
IR Range	IR Range of 60 Mtr., Smart IR		
Cyber Security	Video encryption; Configuration encryption; Digest; WSSE; Account lockout; Security logs; IP/ MAC filtering; Generation and importing of X.509 certification; syslog; HTTPS; 802.1x; Trusted boot; Trusted execution; Trusted upgrad		
Micro SD	FTP; SFTP; Mirco SD card (Max. 512GB)		
Intelligent Search	Work together with Smart NVR to perform refine intelligent search, event extraction and merging to event videos		
Operating Temperature	-30 °C to +60 °C (-22 °F to 140 °F)		
Storage Temperature	-40°C to +60°C (-40°F to +140°F)		
Power Source	12 VDC/PoE (802.3af)		
Power Consumption	Basic: 2.4 W (12 VDC); 3.1 W (PoE) Max. (H.265+intelligence on +WDR +IR on): 8.8 W (12 VDC)		
Humidity	Less than 95% RH		
Weatherproof Standard	IP67 & IK10(Optional)		
Casing	Metal		

Features	Specification	Compliance (Yes / No)	Specify for deviation (if any)
<b>L2 Managed Switch</b>			
Ports	2*1000Mbps SFP Port+2*1000Mbps Uplink ports + 8*1000Mbps PoE ports		
The Max output power of the port	60 W		
Transmission Distance	0-130 Mtr		
Bandwidth:	24.0Gbps		
Networking standard	IEEE 802.3i 10BASE-T		
	IEEE 802.3u 100BASE-TX/ IEEE 802.3ab 1000BASE-T		
	IEEE 802.3xFlowControl		
	IEEE 802.3af/at/bt Power over Ethernet		

## **SECTION - IV**

### **PART-2**

### **FINANCIAL BID**

## Schedule of quantities

Tender Inviting Authority: Director, Harish-Chandra Research Institute

Name of Work: SITC of CCTV system at some new location in HRI campus at Prayagraj

Contract No: HRI/27/2025

<b>Name of the Bidder/ Bidding Firm / Company :</b>						
<b>PRICE SCHEDULE</b> (This BOQ template must not be modified/ replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	RATE (including all taxes) In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT INCLUDED TAXES ALL in Rs. P	TOTAL AMOUNT In Words
<b>1</b>	<b>2</b>	<b>4</b>	<b>5</b>	<b>13</b>	<b>53</b>	<b>55</b>
1	4 MP Full HD WDR IR Bullet Camera ,1/2.7" 4MP PS CMOS Image Sensor (0.9407 Centimeters) Max. 4MP (2688 × 1520)@1–25/30 fps Interstream, H.265, H.264, H.264H, H.264B, MJPEG Support Quad stream WDR(120dB), Day/Night(ICR), 3D NR, ROI, Defog, BLC, HLC, AWB, AGC 2.7mm ~13.5mm Motorized Lens IR Range of 60 Mtr. Support Starlight Technology, Built in Mic Micro SD, IP67, IK10, PoE	15	Nos.		0.00	INR Zero Only
2	4 MP Full HD WDR IR Doom Camera ,1/2.7" 4MP PS CMOS Image Sensor (0.9407 Centimeters) Max. 4MP (2688 × 1520)@1–25/30 fps Instastream, H.265, H.264, H.264H, H.264B, MJPEG Support Quad stream WDR(120dB), Day/Night(ICR), 3D NR, ROI, Defog, BLC, HLC, AWB, AGC 2.7mm ~13.5mm Motorized Lens IR Range of 60 Mtr.Support Starlight Technology, Built in Mic Micro SD, IP67, IK10, PoE	5	Nos		0.00	INR Zero Only
3	8 Port PoE L2 Managed Switch, 8x10/100/1000 POE++ port +2xGigabit SFP port,1 console port, Managed L2 Switch, af/at,130W built-in power	5	Nos.		0.00	INR Zero Only

4	Enterprise Layer 3 Managed Aggregation Switch, 6 x SFP, 4 xSFP+, 2 x GigE	1	No.		0.00	INR Zero Only
5	Supply and Laying of 12 core armoured Optical Fiber Cable 1.2 meter underground with required accessories. This laying covers Road crossing through drilling procedures (without cutting the Road), laying on surface/wall with required clamp etc.	3200	Mtrs.		0.00	INR Zero Only
6	SITC of PVC box for Camera mounting IP65	20	Nos.		0.00	INR Zero Only
7	SITC of HDMI extender 20 KM (20000 meter) over fibre with USB support	4	Nos.		0.00	INR Zero Only
8	Supply, Installation, Testing and Commissioning of 6U loaded 600MM Depth Network Rack with fan, Cable Manager, PDU etc. complete as required.	5	Nos.		0.00	INR Zero Only
9	Supply and Laying of HDPE Pipe 1.2 meter & Laying of 12 core armoured fibre cable under ground with required accessories. This laying covers Road crossing through drilling procedures (without cutting the Road), laying on surface/wall with required clamp etc.	5000	Mtr.		0.00	INR Zero Only
10	Supply and Laying of 3core x 2.5 sq.mm copper flexible cable on surface/wall with required accessories etc.	3000	Mtr.		0.00	INR Zero Only
11	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.	150	Mtr.		0.00	INR Zero Only
12	Supply and Laying of CAT-6 outdoor Cable with required accessories. This laying covers laying on surface/wall with required clamp etc.	10	Role		0.00	INR Zero Only
13	Supply and Laying of CAT-6 Cable with required accessories. This laying covers laying on surface/wall with required clamp etc.	5	Role		0.00	INR Zero Only
14	Supply, Make it compatible with existing hardware, Installation, Testing and commissioning of Surveillance Hard Disk 128 TB or more.	1	No.		0.00	INR Zero Only
15	Supply, Installation, Testing and Commissioning of SFP, 1.2G, 1310NM, 20 KM, SMF, DDM	10	Nos.		0.00	INR Zero Only

16	Supply, Installation, Testing and Commissioning of CAT-6, RJ-45 Connector	100	Nos.		0.00	INR Zero Only
17	Supply, Installation, Testing and Commissioning of patch cord, SM duplex, 3mm, LSZH9 /125/LC/PC to LC/PC,3 meter	10	Nos.		0.00	INR Zero Only
18	Supply, Installation, Testing and Commissioning of Rack mount single mode duplex LIU, 9 inch 12 port, LC/PC pigtail and adopter	6	Nos.			
19	Supply, Installation, Testing and Commissioning of Octagonal pole 6 meter, hot deep galvanized, foundation bolt complete with mounting accessories	40	Nos.		0.00	INR Zero Only
20	Supply, Installation, Testing and Commissioning of 1 KVA UPS OFFLINE with Battery along with the suitable outdoor box which will be mounted on Pole/wall etc with all required accessories. This UPS will be warranted for 2 Year.	5	Nos.		0.00	INR Zero Only
21	75 Inch LED Panel with proper mounting arrangement and required power socket etc included in the scope of work.	3	Nos.		0.00	INR Zero Only
<b>Total in Figures</b>					<b>0.00</b>	INR Zero Only
<b>Quoted Rate in Words</b>		<b>INR Zero Only</b>				