

Original



Sri Jayewardenepura General Hospital

BIDDING DOCUMENT

Volume 2 of 2

(Section II, III, IV, V, & VII)

Procurement of Goods

National Competitive Bidding

Tender No : Q 460/26

Tender for the Refurbishment of the Existing CCTV System

Bid Closing Date & Time : 11/06/2026 at 10.00 a.m.

.....
Supplies Officer

Please check the document with the serial number before taking over the tender document.

**SRI JAYEWARDENEPURA GENERAL HOSPITAL
THALAPATHPITIYA
NUGEGODA.**



SRI JAYEWARDENEPURA GENERAL HOSPITAL

INVITATION FOR BIDS

TENDER NO: Q - 460/26

TENDER FOR THE REFURBISHMENT OF THE EXISTING CCTV SYSTEM

The Chairman of, the Department Procurement Committee, on behalf of the Sri Jayawardenepura General Hospital now invites sealed bids from eligible and qualified bidders for the “Refurbishment of the Existing CCTV System” at Sri Jayawardenepura General Hospital” as described below.

1. To be eligible for contract award, the successful bidder shall not have been blacklisted, and contractors those who have similar work experience within the last 05 Years.
2. Bidding will be conducted through the National Competitive bidding procedure.
3. Interested bidders may obtain further information from **Supplies Office, Sri Jayawardenepura General Hospital, Tel No. 0112778610 –Ext. 3142 / 0112778624** and can inspect the Bidding Document at the supply office of the hospital on any working day from 9:00 hrs to 15:00 hrs.
4. A certificate from the registrar of the Public Contract should be submitted where the estimated bid exceeds Rs.5,000,000.00 when offering the bid. Please log web address: eroc.drc.gov.lk for further details and online application.
5. A complete set of Bidding Documents in the English language may be purchased by interested bidders on the submission of a written application to the **Supply Officer - Sri Jayawardenepura General Hospital, Thalpathitiya, Nugegoda** from **21.05.2026** until **10/06/2026** from **9:00 hrs to 15:00 hrs** upon payment of a non-refundable fee of Rupees **Three Thousand Five Hundred (Rs.3500.00)**
6. Bids shall be delivered or sent by registered post to the **Chairman, Department Procurement Committee, Sri Jayawardenepura General Hospital, Thalpathitiya, Nugegoda**, or can be deposited to the tender box kept at the chairman's office to reach on or before **10:00 hrs** on **11/06/2026** Bids will be opened soon after closing at the Lecture Hall of the hospital in the presence of the bidders' representatives who choose to attend.
7. The bid security amount is **Rs. 50,000.00**
8. The site can be inspected and Prebid meeting will be held on **02/06/2026** at **10.30 am** at the Lecture Hall, Sri Jayawardenepura General Hospital.

Chairman,
Department procurement committee,
General Hospital – Sri Jayawardenepura,
Thalpathitiya, Nugegoda



Contents of Bidding Document

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Section - II - Bidding Data Sheet

Section II. Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

ITB Clause Reference	A. General
ITB 1.1	The Purchaser is: Sri Jayawardenepura General Hospital
ITB 1.1	The name and identification number of the Contract are: Refurbishment of the Existing CCTV System Tender No. Q 460/26
ITB 2.1	The source of funding is: GOSL
ITB 4.1	<ul style="list-style-type: none"> a. Bidders are requested to submit a copy of a valid business registration certificate. b. If the offered cost for the procurement exceeds the Rs. 5 million the bidder shall register at the registrar of Public Contract Sri Lanka at the time of submission of bids, (PCA 3)
	B. Contents of Bidding Documents
ITB 7.1	For Clarification of bid purposes only, the Purchaser’s address is: Attention: Chairman, Sri Jayewardenepura General Hospital Address: Thalpathpitiya, Nugegoda. Telephone: 011 2778624 Facsimile number :011 2778624
	C. Preparation of Bids
ITB 11.1 (e)	The Bidder shall submit the following documents with the bid. Failure to submit one or more of the following documents, bids will be treated as Non- responsive, <ul style="list-style-type: none"> a. Bidders submission form (Including all related cost i.e. Equipment cost, local charges, Services chares ect.) b. Bid security c. Power of attorney to the signatory. d. Price schedule – goods e. Price schedule – Maintenance

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	<ul style="list-style-type: none"> f. Delivery schedule – goods g. Manufacture’s authorization letter h. Bidders response to Client requirements i. Detailed pro-forma invoice j. Post qualification data (Financial report, workshop details ect.) k. Copy of business registration certificate l. Certificate of Public Contract (PCA 3) m. Confirmation of availability of spare part for 10 years
ITB 15.1	The bidder shall quote in Sri Lanka rupees.
ITB 17.3	Period of time the Goods are expected to be functioning (for the purpose of spare parts): 10 years from date of delivery
ITB 18.1	Warranty, After sales service is: Required
ITB 19.1	The bid shall be validity until 10/09/2026
ITB 20.1	<p>The bid shall include a Bid Security issued by :</p> <ul style="list-style-type: none"> a. Bank operating In Sri Lanka b. A Bank operating in another country but the guarantee “ confirmed “ by a bank operating in Sri Lanka. c. Construction guarantee fund. d. Insurance agencies <p>Using the form in Section IV Bidding Forms;</p>
ITB 20.2	<p>The amount of the bid security shall be LKR 50,000.00</p> <p>The validity period of the bid security shall be until 08/10/2026</p>
	D. Submission and Opening of Bids
ITB 22.2 (c)	<p>The inner and outer envelopes shall bear the following identification Marks :</p> <p align="center">Refurbishment of the Existing CCTV System</p> <p align="center">Tender No. : Q 460/26</p> <p align="center">Closing at 10.00 a.m. on 11/06/2026</p>
ITB 23.1	<p>For bid submission purposes, the Purchaser’s address is:</p> <p>Attention: Chairman, Procurement Committee Address: Sri Jayawardenepura General Hospital, Thalapathpitiya, Nugegoda..</p> <p align="center">OR</p> <p>Bid may be deposited to the tender box available at the Chairman's Office of the hospital.</p>

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	<p>The deadline for the submission of bids is :</p> <p>Date : 11/06/2026 Time : 10.00 a.m.</p>
ITB 26.1	<p>The bid opening shall take place at:</p> <p>Address: Lecture Hall of. Sri Jayawardenepura General Hospital, Thalpathpitiya, Nugegoda..</p> <p>Date: 11/06/2026</p> <p>Time: 10.00 a.m.</p>

Section III.

Evaluation and Qualification Criteria

This Section complements the Instructions to Bidders. It contains the criteria that the Purchaser use to evaluate a bid and determine whether a Bidder has the required qualifications. No other criteria shall be used.

Contents

1. Evaluation Criteria (ITB 35.3 {d})
2. Evaluation Criteria (ITB 35.4)
3. Multiple Contracts (ITB 35.5)
4. Post qualification Requirements (ITB 37.2)
5. Other Requirements (ITB 42.2)

	E. Evaluation and Comparison of Bids
ITB 35.3 (d)	<p>Delivery Schedule</p> <p>The goods covered under this invitation are required to be delivered & Install within an acceptable range of weeks specified in the schedule of the requirement. No credit will be given to earlier deliveries and offering delivery beyond this range will be treated as non-responsive. Within this acceptable range , an adjustment per week , 0.5% of bid value (total equipment cost) will be added to the bid price for evaluation of bids offering deliveries later than the earliest delivery period specified in the schedule of requirement.</p>
ITB 35.4	<p>Evaluation Criteria The following factors and methodology will be used for evaluation:</p> <p>Coring methodology</p> <ol style="list-style-type: none"> 1. Technical Specification, Implementation and Project Management, System Expandability and Energy efficiency 2. Supplier Credintials 3. Financial Considarations <ol style="list-style-type: none"> a. Completeness of the bidding document b. Responsiveness of the bid as per ITB 11.1 E c. Technical Specification compliance d. Bid Price (ITB 14) e. Operational cost of the equipment. f. Services & Maintenance cost (if applicable) g. Past performance of the product. h. Post qualification i. Delivery Schedule j. Reliability and performance
ITB 35.5	Multiple offer shall not be considered.
ITB 37.2	<p>Post qualification requirements</p> <p>After determining the lowest –evaluated bid in accordance with ITB sub-clause 36.1, the purchaser shall carry out the post qualification of the bidder in accordance with ITB clause 37, using only the requirements specified.</p> <ol style="list-style-type: none"> a) Experience and technical capacity The bidder shall furnish documentary evidence to demonstrate that it meets the following experience requirement (s) <ol style="list-style-type: none"> i. Work shop facilities ii. Test equipment & tools iii. Technical staff – experience & training details- <p>Technical persons should have been trained on the model quoted (certificate should be provided)</p> iv. Past performance of the similar goods. (Past repair and maintenance records, equipment downtime & end user’s comments will be considered)

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	Other requirements
ITB 42.2	<ul style="list-style-type: none">a. If the contract value exceeds the Rs. 5 million, the bidder shall register the contract at the registrar of public contract Sri Lankab. The bidder shall submit a written consent that the conditions of Services & Maintenance agreement shall not be changed and shall not request to change, after the per agreed price of 5 years, if the agreement should be extended beyond the original 5 years period.c. Supplier should submit Agent authorization documents to tender.d. Supplier should have 5 Years' experience in the relevant field for which they are bidding.e. After warranty period need service agreement.

Section IV. Bidding Forms

Table of Forms

Bid Submission Form.....	
Price Schedule:.....	
Annual Maintenance Cost	
Bidders Information Sheet	
Contract Agreement Form.....	
Bid Security (Guarantee)	
Performance Gurantee	
Manufacturer’s Authorization	

Bid Submission Form

[The Bidder shall fill in this Form in accordance with the instructions indicated No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date:

Tender No.:

To:

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda No.:
- (b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services
.....
.....[* insert a brief description of the Goods and Related Services];
- (c) The total price of our Bid including Installation & Demonstration charge without VAT, including any discounts offered is:
.....
..... (Rs.) [insert the total bid price in words and figures];
- (d) The total price of our Bid including Installation & Demonstration charge and VAT, and any discounts offered is:
.....
..... (Rs.) [insert the total bid price in words and figures];
- (e) Our bid shall be valid for the period of time specified in ITB Sub-Clause 19.1, from the date fixed for the bid submission deadline in accordance with ITB Sub-Clause 23.1, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (f) If our bid is accepted, we commit to obtaining performance security in accordance with ITB Clause 43 and CC Clause 17 for the due performance of the Contract;
- (g) We have no conflict of interest in accordance with ITB Sub-Clause 4.3;
- (h) Our firm, its affiliates or subsidiaries—including any subcontractors or suppliers for any part of the contract—has not been declared blacklisted by the National Procurement Agency;

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- (i) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.

- (l) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Signed:

[insert signature of person whose name and capacity are shown]

In the capacity of [insert legal capacity of person signing the Bid Submission Form]

Name:

[insert complete name of person signing the Bid Submission Form]

Duly authorized to sign the bid for and on behalf of:

.....

[insert complete name of Bidder]

Dated on _____ day of _____, _____ [insert date of signing]

Rubber seal

Price Schedule

1	2	3	4	5	6	7	8	9
Line item No.	Description of Goods	Quantity	Unit Price (Including duty, sales and other taxes) Excluding VAT Rs.	Price per line item - (col.3 x 4) Rs.	Other costs - Delivery, Installation and commissioning	Total price excluding VAT (col.5+6) Rs.	VAT Rs.	Total price including VAT
1	Refurbishment of the Existing CCTV System	01 Nos.						

- Please mention the cost separately as per the line of item no in the client requirement by the proforma invoice.

Total Price in Words (Col.9) : Rs.

.....

Signature of Bidder :

Bidder's Name :

Date :

Company Seal

Annual Maintenance Cost (Inclusive of Labor & Parts)

All bidders are advised to quote for service/maintenance charges after the warranty period.
Quoted amount will be considered for the awarding of the contract.

Annual maintenance charges for the CCTV system, after the warranty period.

New Hardware / Software		Amount Rs.
1	Year – 03 (Without VAT)	
2	Year – 04 (Without VAT)	
3	Year – 05 (Without VAT)	
4	Year – 06 (Without VAT)	
5	Year – 07 (Without VAT)	
6	Year – 08 (Without VAT)	
7	Year – 09 (Without VAT)	
8	Year – 10 (Without VAT)	
Total (Rs)		

Existing Hardware / Software		Amount Rs.
1	Year – 01 (Without VAT)	
2	Year – 02 (Without VAT)	
3	Year – 03 (Without VAT)	
4	Year – 04 (Without VAT)	
5	Year – 05 (Without VAT)	
6	Year – 06 (Without VAT)	
7	Year – 07 (Without VAT)	
8	Year – 08 (Without VAT)	
9	Year – 09 (Without VAT)	
10	Year – 10 (Without VAT)	
Total (Rs)		

Bidders Name & Signature :

Date :

Company seal

Bidders Information Sheet

1. Name of the Bidder :

2. Business Address :
.....

Business Registration no.

3. Telephone Nos. & Fax Nos. :

4. Email Address :

5. Name of the contact person :

6. Name of Manufacturer's for Quoted Products :
.....

7. Country of Origin for Quoted Products :

8. Country of Manufacturer for Quoted Products (If difference above 6) :
.....

9. Make / Model of the quoted items :

10. Warranty Period:

11. VAT Registration No :

Signature of Bidder :

Name :

Date :

Company Rubber Seal

SRI JAYEWARDENEPURA GENERAL HOSPITAL

CONTRACT AGREEMENT FORM

THIS AGREEMENT made the Day of 2026 between **Sri Jayewardenepura General Hospital of Thalpathpitiya, Nugegoda** (hereinafter “The Purchaser”) of the one part and(hereinafter “the contractor”) on the other part. WHEREAS the client is desirous “**Refurbishment of the Existing CCTV System**” as per the letter of awarding dated should be provided by the contractor, VIZ “**Refurbishment of the Existing CCTV System**” - Q .../26 (brief description of item) and has accepted a bid by the contractor for Re-Arrangement of The Store Room in New Building in the sum of **Rupees** (hereinafter “the contract price”)

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this agreement words and expressions shall have the same meanings as are respectively assigned to them in the condition of Contract referred to
2. The following documents shall be deemed to form and be read and construed as part of this agreement, VIZ
 - (a) Bid form and the Price Schedule submitted by the bidder.
 - (b) Schedule of Requirements.
 - (c) Technical Specifications and BOQ.
 - (d) General Condition of Contract
 - (e) Special Conditions of Contract and
 - (f) Purchasers’/Client Notification of award.
3. In consideration of the payments to be made by the client to the contractor hereinafter mentioned, the contractor hereby covenants with the client to provide , “**Refurbishment of the Existing CCTV System**” and to remedy defects therein in conformity in all respects with the provisions of the contract.
4. The client hereby covenants to pay the contractor in consideration of the , “**Refurbishment of the Existing CCTV System**” and the remedying of defects therein, the contract price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contractor.
5. Contractor agreed to complete construction work within the agreed period.

IN WITNESS whereof the parties hereto have caused this agreement to be executed in accordance with their respective laws the day and year first above written.

.....
Signed, sealed (for the contractor)

.....
Signed, sealed (for client)

Witness : 1.....
2.....

Witness : 1.....
2.....

BID SECURITY GUARANTEE

(This Bank Guarantee form shall be filled in accordance with the instructions indicated in brackets)

..... *[insert issuing agency’s Name, and Address of Issuing Branch or Office]*

Beneficiary : The Chairman, Sri Jayawardenepura General Hospital, Thalapatpitiya Nugegoda.

Date : *[Insert (by issuing agency) date]*

BID GUARANTEE NO. *[Insert (by issuing agency) number]*

We have been informed that *[insert (by issuing agency) name of the Bidder; if a joint venture, list complete legal names of partners]* (hereinafter called “the Bidder”) has submitted to you its bid dated *[insert (by issuing agency) date]* (hereinafter called “the Bid”) for the execution/supply *[select appropriately]* of *[insert name of Contract]* under invitation for Bids No. *[insert IFB number]* (the IFB)

Furthermore, we understand that, according to your conditions, Bids must be supported by a Bid Guarantee.

At the request of the Bidder, we *[insert name of issuing agency]* hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of *[insert amount in figures]* *[insert amount in words]* upon receipt by us of your first demand in writing accompanied by a written statement stating that the Bidder is in breach of its obligation(s) under the bid conditions, because the Bidder:

- (a) has withdrawn its Bid during the period of bid validity specified; or
- (b) does not accept the correction of errors in accordance with the Instructions to Bidders (hereinafter “the ITB”) of the IFB: or
- (c) having been notified of the acceptance of its Bid by the Employer/Purchaser during the period of bid validity,
 - (d) fails or refuses to execute the Contract Form, if required or
 - (ii) fails or refuses to furnish the Performance Security, in accordance with the ITB

This Guarantee shall expire:

- (a) if the Bidder is the successful bidder, upon our receipt of copies of the Contract signed by the Bidder and of the Performance Security issued to you by the Bidder; or
- (b) if the Bidder is not the successful bidder, upon the earlier of
 - (i) our receipt of a copy of your notification to the Bidder that the Bidder was unsuccessful, otherwise it will remain in force up to *(insert date)*

Consequently, any demand for payment under this Guarantee must be received by us at the office on or before that date

.....

Signature(s) of authorized representative(s):

PERFORMANCE GUARANTEE / SECURITY

.....
[Issuing Agency's Name, and Address of issuing Branch or Office]

Beneficiary : The Chairman, Sri Jayawardenepura General Hospital, Thalapatthitiya Nugegoda.

Date :

PERFORMANCE GUARANTEE/ SECURITY NO.

We have been informed that *[Name of Contractor/Supplier]*
(hereinafter called "the Contractor"); has entered into Contract No. *[reference number of the contract]* dated with you, for the *[insert "construction"/"supply"]* of *[Name of contract and brief description or works]*(hereinafter called "the Contract").

Furthermore, we understand that, according to your conditions of the Contract, a performance guarantee is required.

At the request of the Contractor, we *[Name of Agency]* hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of *[amount in figures]* *[amount in words]*, such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of your first demand in writing accompanied by a written statement stating that the Contractor is in breach of its obligation(s) under the contract, without your needing to prove or to show grounds for your demand or the sum specified therein.

This guarantee shall expire, no later than the day of 20..... *[insert date, 28 days beyond the scheduled contract completion date]* and any demand for payment under it must be received by us at this office on or before that date.

.....
Signature(s)

Manufacturer's Authorization

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the BDS.]

Date:.....[insert date (as day, month and year) of Bid Submission]

No.:[insert number of bidding process]

To:
[insert complete name of Purchaser]

WHEREAS

We [insert complete name of Manufacturer], who are official manufacturers of [insert type of goods manufactured], having factories at [insert full address of Manufacturer's factories], do hereby authorize [insert complete name of Bidder] to submit a bid the purpose of which is to provide the following Goods, manufactured by us [insert name and or brief description of the Goods], and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: [insert signature(s) of authorized representative(s) of the Manufacturer]

Name: [insert complete name(s) of authorized representative(s) of the Manufacturer]

Title: [insert title]

Duly authorized to sign this Authorization on behalf of: [insert complete name of Bidder]

Dated on _____ day of _____, _____ [insert date of signing]

Section – V

Schedule of Requirement

1. Delivery period.
2. Site Inspection, Scope of Work, Technical Specifications & Drawings

Delivery period of Goods.

Item No.	Description of the goods	Qty.	Final destination of delivery	Required Job Completion period ¹	Bidders offered delivery period ² .
1	Refurbishment of the Existing CCTV System	01 No.	SJGH

¹ No. of weeks from the date of effectiveness of the contract/ Effective period will be counted from the date of Acceptance of the award letter.

² Bidders shall offer the delivery period in weeks. The latest delivery date offered by the bidder will be considered as the delivery period (ITB 35.3d)

Bidders Signature:

Company seal

SRI JAYEWARDENEPURA GENERAL HOSPITAL

Refurbishment of the existing CCTV system

Site inspection

The bidder is required to conduct a thorough inspection and examination of the site and its surroundings prior to submitting their proposal. This inspection must cover the following aspects:

1. Assess the nature of the ground/walls to understand any potential challenges.
2. Evaluate the building layout and design to determine installation requirements.
3. Determine the quantities and types of work required for the CCTV installation (electrical installation, civil works, mounting etc)

Any civil works necessary to meet the system requirements shall be the supplier's responsibility and include Underground Cabling: Installation of cables underground. Support Fabrication and Installation: Fabrication and installation of supports for camera mounts, poles, and other related structures. Repairs and Damage: Repair any damage caused to false ceilings, civil structures, or other components during the execution of work at no additional cost.

No additional claims or adjustments to the contract will be considered due to misunderstandings or lack of site-specific information obtained during this preliminary inspection. It is the bidder's responsibility to ensure their offer is based on a comprehensive understanding of the site and its requirements.

Scope of Work

The scope of work includes the complete design, supply, assembly, installation, integration, testing, and commissioning of the IP-based CCTV surveillance system on a turnkey basis. The scope of work includes, but is not limited to, the following key elements:

1. **Installation and Accessories:** The scope includes supplying and installing all required components for a turnkey CCTV solution, such as secondary power supplies, hardware, software, data/fiber optic cables, recording unit(s), viewing stations (Including their connection to the network), power cables, conduits, software and after sale service. This also includes utilizing and integration of existing CCTV hardware given in Table 3: Existing hardware components.
2. **Camera and Equipment Mounting:** The installation of cameras, using appropriate mounts as per site requirements, including any necessary civil and fabrication work, is included. This involves establishing a system backbone through data and power cable installation, cable termination/splicing, and the setup of cable trays and conduits. The desired locations of the CCTV cameras are given in Table 1: Proposed Location of the Cameras. Location of CCTV cameras are shown in Appendix X Map Locations of the CCTV Cameras
3. **Minor repair of existing Hardware:** The bidder should provide minor repair requirements for existing hardware given in Table 3: Existing hardware components.

4. **Network Components:** The installation and configuration of core switches, access switches, and all other active and passive network components are part of the scope. Full integration of the system to ensure optimal performance is required.
5. **Electrical and Civil Works:** Includes the installation of electrical cabling for system components, distribution boards, and other related electrical tasks. All electrical components must meet IS standards and be suitable for industrial use.
6. **Civil Works:** Includes any necessary civil work to support the system requirements, such as: underground cabling, fabrication and installation of supports for camera mounts and poles, repair of any damage to existing structure/building during installation at no extra cost.
7. **Cable Management:** Cables must be installed in trenches, ducts, channels, tunnels, or on racks and trays according to site conditions. Cables crossing roads must be laid in GI pipes. All cables must be tested for continuity and insulation in accordance with statutory standards.
8. **Additional Equipment, Responsibilities and Changes:** Any additional equipment, components, or design modifications required to meet operational needs, even if not explicitly mentioned, fall within the bidder's scope.

Note: Bidders must thoroughly review and understand the site conditions and the detailed scope of work before submitting their proposal. No additional claims will be accepted for misunderstandings or overlooked details affecting the offer.

Integration

This requirement ensures that the proposed system will seamlessly integrate with future CCTV systems to be installed at SJP Hospital. Additionally, the bidder must provide support for future integrations to facilitate ongoing system expansions and updates.

Further, SJP Hospital encourages the bidder to utilize existing CCTV hardware given in Table 3: Existing hardware components with **maintenance support**. Also, if existing components or software can be **reconfigured or replaced** to ensure seamless integration without compromising functionality by the bidder with **no extra cost**.

Table 1: Proposed Location of the Cameras

No	Location	Map Number	Camera Number	Indoor (floor no)/Outdoor Audio with/without	Field of view (Coverage)	No of cameras required	Proposed camera type by SJP Hospital (Dome, Bullet, etc)	Proposed camera type (Dome, Bullet, etc) (To be filled by the bidder)
1	Lobby Area	01	01	Ground Floor / Indoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
2	Lobby Area	01	02	Ground Floor / Indoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
3	Near SPC	01	03	Ground Floor / Indoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
4	Near Medical Checkup	01	04	Ground Floor / Indoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
5	Near Pediatric Clinic	01	05	Ground Floor / Indoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
6	Near Staff Entrance stairs	01	06	Ground Floor / Indoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
7	Near Cashier	01	07	Ground Floor / Indoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
8	Near Consultant Carpark	01	08	Ground Floor / Indoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
9	Near X-Ray	01	09	Ground Floor / Indoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
10	Near Ward 07	01	10	Ground Floor / Indoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
11	Near Blood Bank Counter	01	11	Ground Floor / Indoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	

12	Near Scan Room	01	12	Ground Floor / Indoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
13	Near Laundry	01	13	Ground Floor / Indoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
14	Chiller Room	01	14	Basement / Indoor / Without Audio	90 degrees	01	Bullet FHD Camera 2.8mm (PoE)	
15	Chiller Room	01	15	Basement / Indoor / Without Audio	90 degrees	01	Bullet FHD Camera 2.8mm (PoE)	
16	Near Ward 01	01	16	Ground Floor / Indoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
17	Near Visitors Entrance	01	17	Ground Floor / Indoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
18	Near Canteen	01	18	Ground Floor / Indoor / Without Audio	360 degrees	01	Dome FHD Camera 2.8mm (PoE)	
19	Near Operation Theater	02	01	First Floor / Indoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
20	Near Ward 18	02	02	First Floor / Indoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
21	Near Ward 08	02	03	First Floor / Indoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
22	Near Ward 02	02	04	First Floor / Indoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
23	Corridor Infront of Ward 02	02	05	First Floor / Indoor / Without Audio	360 degrees	01	Dome FHD Camera 2.8mm (PoE)	
24	Near CSSD	02	06	First Floor / Indoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
25	Gate 01	03	01	Outdoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	

26	Near Drivers Room	03	02	Outdoor / Without Audio	90 degrees	01	Bullet FHD Camera 2.8mm (PoE)	
27	Round the bound	03	03	Outdoor / Without Audio	90 degrees	01	Bullet FHD Camera 2.8mm (PoE)	
28	Round the bound	03	04	Outdoor / Without Audio	90 degrees	01	Bullet FHD Camera 2.8mm (PoE)	
29	Round the bound	03	05	Outdoor / Without Audio	90 degrees	01	Bullet FHD Camera 2.8mm (PoE)	
30	Gate 02 Carpark Counter	03	06	Outdoor / With Audio	90 degrees	01	Bullet FHD Camera 2.8mm (PoE)	
31	Water Tanks	03	07	Outdoor / Without Audio	69 degrees	01	Bullet FHD Camera 2.8mm (PoE)	
32	Carpark	04	01	Outdoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
33	Carpark	04	02	Outdoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
34	Carpark	04	03	Outdoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
35	Carpark	04	04	Outdoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
36	Carpark	04	05	Outdoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
37	Carpark	04	06	Outdoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
38	Cardiac Building Entrance	05	01	Outdoor / Without Audio	90 degrees	01	Bullet FHD Camera 2.8mm (PoE)	
39	Cardiac Building Corridor	05	02	Ground Floor / Indoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	

40	Cardiac Building Clinic Area	05	03	Ground Floor / Indoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
41	Cardiac Building Clinic Area	05	04	Ground Floor / Indoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
42	Cardiac Building Clinic Area	05	05	Ground Floor / Indoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
43	Cardiac Building Electrical Entrance	05	06	Outdoor / Without Audio	90 degrees	01	Bullet FHD Camera 2.8mm (PoE)	
44	Cardiac Building Generator Fuel Tank	05	07	Outdoor / Without Audio	90 degrees	01	Bullet FHD Camera 2.8mm (PoE)	
45	Gate 03	05	08	Outdoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
46	Workshop Back Entrance	06	01	Outdoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
47	Workshop Front Entrance	06	02	Outdoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
48	Stores Entrance 01	07	01	Outdoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
49	Stores Entrance 02	07	02	Outdoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
50	Consultant Carpark	07	03	Outdoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
51	Stores Entrance 03	07	04	Outdoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
52	Admin Building near Elevator	07	05	Outdoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	
53	Security Office	03	08	Outdoor / Without Audio	69 degrees	01	Bullet FHD Camera 3.6mm (PoE)	

Propose viewing station locations

Table 2: Propose viewing station locations

No	Location	Monitors	camera feed	Remark
1	Security Office	32” 8 Monitors	All Cameras	<p>NVR should be in this Security office. The size of the wall in the area proposed to install the viewing point in the security office is width 8 feet x Hight 8.5 feet.</p> <p>The monitor camera viewing configuration needs to support multiple layouts, including 2x2, 3x3, and 4x4 grid options. It should also be capable of displaying all camera feeds in a round-robin manner. Additionally, there should be an option to disable the round-robin mode, allowing users to select and view specific camera feeds as needed.</p>
2	Director Office	32” one Monitor	All Gates, Car & Bike Park and Stores areas	
3	Deputy Director Office	32” one Monitor	All Gates, Car & Bike Park and Stores areas	
4	Chairman Office	32” one Monitor	All Gates, Car & Bike Park and Stores areas	

Table 3: Existing hardware components

No	Device	Make	Model	Location	Manufacture year	Status & Remark
1	IP Bullet Camera (PoE) 3.6mm/S2	Dahua	DH-IPC-HFW1230SP	1 st Floor near cashier	2018	Working
2	IP Bullet Camera 2.4MP	HI-VISION	HI-4402 1080p	1 st Floor Presidential Suite	2015	Not Working
3	IP Bullet Camera (PoE) 3.6mm/S2	Dahua	DH-IPC-HFW1230SP	1 st Floor Chairman Office	2018	Working
4	IP Bullet Camera (PoE) 3.6mm/S2	Dahua	DH-IPC-HFW1230SP	1 st Floor Director Office	2018	Working
5	IP Bullet Camera (PoE) 3.6mm/S2	Dahua	DH-IPC-HFW1230SP	1 st Floor near Sewing Section	2018	Working
6	IP Bullet Camera 2.4MP	HI-VISION	HI-4402 1080p	Near Orderly Supervisor Office	2015	Working
7	IP Bullet Camera (PoE) 3.6mm/S2	Dahua	DH-IPC-HFW1230SP	Sample Accept Counter Entrance	2018	Working
8	IP Bullet Camera (PoE) 3.6mm/S2	Dahua	DH-IPC-HFW1230SP	Sample Accept Counter Cashier	2018	Working
9	IP Bullet Camera (PoE) 4mm	HIKVISION	DS-2CD1023GOE-1	Old Blood Drawing Counter	2019	Working
10	IP Bullet Camera (PoE) 4mm	HIKVISION	DS-2CD1023GOE-1	Near X-RAY	2019	Working
11	IP Dome Camera (PoE) 2.8mm	HIKVISION	DS-2CD1123GOE-1	Near Ward 7	2019	Working
12	IP Bullet Camera (PoE) 3.6mm/S2	Dahua	DH-IPC-HFW1230SP	Main Cashier Left side	2018	Working
13	IP Bullet Camera (PoE) 3.6mm/S2	Dahua	DH-IPC-HFW1230SP	Main Cashier Right side	2018	Working
14	IP Bullet Camera (PoE) 4mm	HIKVISION	DS-2CD1023GOE-1	Near Main Cashier	2019	Working & Neck Damaged
15	IP Bullet Camera (PoE) 4mm	HIKVISION	DS-2CD1221-15	Reception	2019	Working

16	IP Bullet Camera (PoE) 4mm	HIKVISION	DS-2CD1023GOE-1	ETU Entrance left side	2019	Working
17	IP Bullet Camera	N/A	N/A	ETU Entrance right side	2015	Not Working
18	IP Bullet Camera (PoE) 3.6mm/S2	Dahua	DH-IPC-HFW1230SP	OPD	2018	Working & Neck Damaged
19	IP Bullet Camera (PoE) 3.6mm/S2	Dahua	DH-IPC-HFW1230SP	Carpark out counter left side	2018	Working
20	IP Bullet Camera (PoE) 4mm	HIKVISION	DS-2CD1T23GO-1	Gate 01	2019	Working
21	IP Bullet Camera	Dahua	IPC-HFW1230SP-L- 0360B-S3	Carpark out counter right side	2018	Not Working
22	IP Bullet Camera (PoE) 3.6mm/S2	Dahua	DH-IPC-HFW1230SP	Carpark IN counter	2018	Working
23	IP Bullet Camera (PoE) 4mm	HIKVISION	DS-2CD1T23GO-1	Carpark IN	2019	Working
24	IP Bullet Camera (PoE) 4mm	HIKVISION	DS-2CD1T23GO-1	Roundabout	2019	Notworking
25	IP Bullet Camera 2.4MP	HI-VISI	Sony HI-PC 9B4402-4H 1080P	Lobby Outside	2015	Not Working
26	IP Dome Camera (PoE) 2.8mm	HIKVISION	DS-2CD1123GOE-1	Lobby Inside	2019	Not Working
27	IP Bullet Camera (PoE) 4mm	HIKVISION	DS-2CD1023GOE-1	Canteen Entrance	2019	Working
28	IP Bullet Camera (PoE) 4mm	HIKVISION	DS-2CD1023GOE-1	Canteen Inside	2019	Working
29	IP Bullet Camera 2.8 - 12mm	Longse	LBF60HTC200F	Kitchen Entrance	2017	Not working
30	IP Bullet Camera (PoE) 4mm	HIKVISION	DS-2CD1023GOE-1	Kitchen Counter	2019	Working
31	N/A	N/A	N/A	Kitchen Food Issue Counter	N/A	Missing

32	IP Bullet Camera (PoE) 4mm	HIKVISION	N/A	Kitchen Inside	N/A	Working
33	Bullet Camera	COP Security	15CM - 35VA	Kitchen Cam 01	2015	Not Working
34	Bullet Camera 2.0MP	HI-VISION	HI-2012	Kitchen Cam 02	2015	Not Working
35	Bullet Camera	Linethink	LT-8320BS	Kitchen Back Gate inside	2015	Not Working
36	Bullet Camera 2.8 - 12mm	Longse	LBP60HTC200F	Point 9 Lorry Parking area	2015	Not Working
37	N/A	HI-VISION	N/A	Point 9 Fingerprint area	2015	Not Working
38	IP Bullet Camera 2.0MP	HI-VISION	HI-2012	Kitchen Back gate outside	2015	Not Working
39	IP Bullet Camera (PoE) 3.6mm/S2	Dahua	DH-IPC-HFW1230SP	Bike Park Inside	2018	Working Need to clean the lens
40	IP Bullet Camera (PoE) 3.6mm/S2	Dahua	DH-IPC-HFW1230SP	Bike Park Entrance	2018	Not Working
41	IP Bullet Camera	N/A	N/A	Behind the kitchen	N/A	Working
42	IP Bullet Camera (PoE)	Dahua	IPC-HFW1230SP-L	Incinerator Camera 01	2018	Working Need to clean the lens
43	IP Bullet Camera (PoE)	Dahua	IPC-HFW1230SP-L	Incinerator Camera 02	2018	Working Need to clean the lens
44	IP Bullet Camera 2.8 - 12mm	Longse	LBF60HTC200F	Incinerator Fuel Tank	2017	Not Working
45	IP Bullet Camera (PoE) 3.6mm/S2	Dahua	DH-IPC-HFW1230SP	New Building Cashier	2018	Not Working
46	IP Bullet Camera	HIKVISION	N/A	New Building Generator	N/A	Not Working
47	IP Bullet Camera	N/A	N/A	Behind the New Building Cam 01	N/A	Not Working
48	IP Bullet Camera	N/A	N/A	Behind the New Building Cam 01	N/A	Not Working
49	IP Bullet Camera (PoE) 3.6mm/S2	Dahua	DH-IPC-HFW1230SP	Condemning Room	2018	Not Working

50	N/A	N/A	N/A	Three-wheeler Park	N/A	Missing
51	IP Bullet Camera	HI-VISION	N/A	Carpark OUT	N/A	Not Working
52	IP Bullet Camera (PoE) 4mm	HIKVISION	DS-2CD1023GOE-1	Gate 02	2019	Working
53	IP Bullet Camera (PoE) 4mm	HIKVISION	DS-2CDIT23GO-I	Laundry Outside	2019	Not Working
54	9 Ports PoE Switch	Dahua	DH-PFS3009-8ET-96	Near Main Cashier	2018	Working
55	9 Ports PoE Switch	Dahua	DH-PFS3009-8ET-96	Near Main Cashier	2018	Working
56	9 Ports PoE Switch	HIKVISION	DS-3E0109P-E/M	Near Security Point 09	2019	Working
57	9 Ports PoE Switch	HIKVISION	DS-3E0109P-E	1 st Floor New Building Corridor	2018	Working
58	32-ch 1.5U 4K NVR (10.92TB)	HIKVISION	DS-7732NI-K4	1 st Floor Secretary Office	2018	Working
59	32ch 1.5U 4K NVR (14.55TB)	Dahua	DHI-NVR4432-4KS2	1 st Floor Secretary Office	2019	Working
60	24GbE Ports (Main Switch)	Level One	GSW-2457	1 st Floor Secretary Office	2018	Working
61	24GbE Ports PoE Switch	HIKVISION	N/A	Near Canteen	2018	Working
62	24GbE Ports Switch	Level One	GSW-2457	Near Canteen	2018	Working

Technical Specification and Compliance

The Technical Specifications should be submitted in the specified format. The bidder must complete Columns 5 and 6. Failure to provide the required information in these columns may result in the rejection of the bid. In case of any discrepancies between the information in Columns 5 and 6 and other technical details provided in the bid, the information provided herein shall take precedence.

(1)	(2)	(3)	(4)	(5)	(6)
No	Description of Goods or Related Services	Generic information		Bidder's Response	
			Details	Yes (Y)/ No (N)	Remarks
1	Camera (outdoor)				
		Brand	To be specified by the Bidder		
		Model	To be specified by the Bidder		
		Country of Origin	To be specified by the Bidder		
		Year of Manufacture	To be specified by the Bidder		
2	Camera (indoor)				
		Brand	To be specified by the Bidder		
		Model	To be specified by the Bidder		
		Country of Origin	To be specified by the Bidder		
		Year of Manufacture	To be specified by the Bidder		
5	Recording Device (Digital Video Recorder-DVR or Network Video Recorder-NVR or Dedicated Server(s))				
		Brand	To be specified by the Bidder		
		Model	To be specified by the Bidder		
		Country of Origin	To be specified by the Bidder		
		Year of Manufacture	To be specified by the Bidder		
6	PoE (Power over Ethernet) Switches/ Switches and Routers				
		Brand	To be specified by the Bidder		
		Model	To be specified by the Bidder		
		Country of Origin	To be specified by the Bidder		
		Year of Manufacture	To be specified by the Bidder		

8	Storage Solutions*				
	*If this is inbuilt to Recording Device indicate it.	Brand	To be specified by the Bidder		
		Model	To be specified by the Bidder		
		Country of Origin	To be specified by the Bidder		
		Year of Manufacture	To be specified by the Bidder		
7	Monitors				
		Brand	To be specified by the Bidder		
		Model	To be specified by the Bidder		
		Country of Origin	To be specified by the Bidder		
		Year of Manufacture	To be specified by the Bidder		

Technical Specification & Standards

Technical Specification & Standards					
No	Description of Goods/function or Related Services		Technical Specification & Standards		
			Purchaser's requirement		Bidder's Response
1	Camera (indoor and outdoor)			Yes(Y)/ No(N) and specify rating of the proposed device	Remarks
		Image sensor	1/2.7" -1/3" Progressive Scan CMOS or CCD or better		
		Resolution	Minimum 3 Megapixels		
		Frame rate	Minimum 1080p@25fps or better		
		Minimum Illumination	Color: 0.02 Lux@F1.2, B/W: 0 Lux with IR on		
		Night vision	Inbuild Infra-red (IR) with minimum 30 m distance		
		Lens	3.6mm @ F.16 or better with auto focus and auto iris		
		Zoom	To be specified by the Bidder		
		AGC	Yes		
		Field of View (Horizontal)	80° (3.6 mm) or better		
		Day & Night Operation	Auto switch with ICR (Infrared Cut-Filter) filter		
		Wide Dynamic Range (WDR)	80-120 dB or better		
		Noise reduction	Yes		
		On-board storage	To be specified by the Bidder		
		Date/ Time indicator	Should be available with customizable text		
		Environment	IP67 Rating for Weather-resistant		
		Vandal resistant	IK10		
		Power Consumption	To be specified by the Bidder		
		Built-in Microphone	To be specified by the Bidder		
		Dimensions	To be specified by the Bidder		
		Weight	To be specified by the Bidder		
		Material	To be specified by the Bidder		
		Operating temperature range	-10 °C to 60 °C		
		Relative working humidity	0 to 95 % without condensation		
		Output interface	To be specified by the Bidder		

		Remote operation	All camera setting should be configured remotely		
		Language	English		
		Video			
		Image Setting	Brightness/Contrast/Saturation/Sharpness		
		Video Compression	H.25+/H.265		
		Video Bit Rate	160Kbps~16Mbps (CBR/VBR Adjustable)		
		Mounting and Enclosure	To be supplied by the bidder		
		Mean time between failures (MTBF)	To be specified by the Bidder		
2	Recording Device (Digital Video Recorder-DVR or Network Video Recorder-NVR or Dedicated Server(s))				
		Type	DVR or NVR or Dedicated Server(s)- To be specified by the Bidder		
		Make and Model	To be specified by the Bidder		
		Form factor	To be specified by the Bidder		
		Processor	To be specified by the Bidder		
		RAM	To be specified by the Bidder		
		Graphic Adaptor	To be specified by the Bidder		
		Raid Controller	To be specified by the Bidder		
		Internal Storage	SSD (Solid-state drive) should provide. It is required to store videos of 10 cameras for 14 days with minimum 3 Megapixels video resolution. These cameral locations should be configured. Further, videos of other all cameras should be stored for 5 days. Note that the cameras operate on a 24x7 basis. SSD size to be specified by the bidder. Further, it is required to have at least 10% storage remaining after OS, application and videos of all cameras are stored for desired number of dates. The bidder needs to specify video compression which is used here (H.265 (HEVC) is preferred).		
		Storage redundancy	Raid support- to be specified by the bidder		

	Software license	OS and antivirus		
	Input/output	Minimum 3 USB, HDMI, Ethernet port s		
	Antivirus and Malware protection	Yes		
	Network interface	To be specified by the Bidder		
	Environment / Weather-resistant	To be specified by the Bidder		
	Power Consumption	To be specified by the Bidder		
	Dimensions	To be specified by the Bidder		
	Weight	To be specified by the Bidder		
	Networking	RJ45 10M / 100M/1000M Ethernet		
	Playback control	<p>Last Hour / Next Hour: Quickly jump to the previous or next hour of recorded footage.</p> <p>Last Frame / Next Frame: Move one frame backward or forward in the video.</p> <p>Speed Controls:</p> <ul style="list-style-type: none"> • Fast Forward/ Backward Playback: Adjustable speeds of x2, x4, x8, and x16. • Pause / Play: Ability to pause and resume playback. • Slow Motion Playback: Adjustable speeds of x1/2, x1/4, x1/8, and x1/16. 		
	Event notification	Motion detection, line crossing, intrusion detection, network disconnection and object removal. Notification Methods: Email alerts with snapshots/ push notification via mobile application		
	Operating temperature range	-10 °C to 60 °C		
	Relative working humidity	0 to 95 % without condensation		
	Security	Strong, complex passwords for camera access and HTTPS Encryption		
	Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP		
	Number of cameras that can be connected	Minimum 200		
	Supported camera brands	A minimum of 10 major brands should be supported. Bidder to supply vendor list.		

	Warning, error and log reporting	<p>The system should have the capability to detect and report warning and error conditions during operation</p> <p>Log types: User activities, System, Event, Audit, Alarms</p> <p>The system should provide a mechanism to notify administrators or designated personnel about warning and error events, either through email and push notification via mobile app.</p>		
	Mobile application	<p>Platform compatibility: iOS and Android support (at least 3 major releases, Android: V12, 13 and 14, iOS: 15, 16, 17)</p> <p>Regular Updates: Ongoing updates for bug fixes, security patches, and feature enhancements and should provide update to support Android and iOS for 10 years from the installation date</p> <p>Functionalities: User authentication via username/password</p> <p>Real-time video viewing</p> <p>Video quality: support for adjustable video quality</p> <ul style="list-style-type: none"> • Playback Controls: Fast Forward/ Backward Playback (x2, x4, x8, and x16) • Pause / Play: • Slow Motion Playback (x1/2, x1/4, x1/8, and x1/16) <p>Options for controlling PTZ (Pan-Tilt-Zoom)</p> <p>Push Notifications: Real-time alerts for motion detection, system status changes, or other important events.</p> <p>Encryption: End-to-end encryption for data transmission</p>		
	Time synchronization	Automatic with cameras		
	User management	<p>Authentication: password protection</p> <p>Configurational functions and recording editing/deleting should only be allowed for the Admin Users defined by the SJP Hospital.</p>		

		User types: Administrator (full access), user (view-only access/ no modification rights)		
		Power redundancy	To be supplied by the bidder	
		Web browser support	Yes	
		Language	English	
		Mean time between failures (MTBF)	To be specified by the Bidder	
		Mounting and Enclosure	To be supplied by the bidder	
		Operating temperature range	0 °C to 55 °C	
		Relative working humidity	0 to 95 % without condensation	
		<p>The bidder must ensure that the proposed recording device's hardware configuration is fully capable of supporting all the features required by the CCTV camera system. Additionally, the system should include a 20% buffer beyond the current capacity to accommodate future scalability needs. Furthermore, during operation, the system should maintain hardware utilization below 75% to ensure optimal performance and reliability.</p> <p>For optimal performance and to avoid any potential quality issues, bidders are required to provide fiber optic cables capable of supporting longer distances. This specification is essential to ensure the integrity and reliability of the CCTV system. If bidders choose to use Ethernet cables, they must ensure that the cables are of appropriate type and quality to support the system's performance over the required distances.</p>		
	LED/LCD Monitors			
		Type (LED /LCD)	To be specified by the Bidder	
		Size	32 inches	
		Resolution	Minimum: Full HD (1920x1080)	
		Inputs	2 HDMI, USB, VGA/DVI	
		Audio Output	Yes	
		Refresh Rate	60HZ	
		Language	English	
		Power Consumption	To be specified by the Bidder	
		Operating temperature range	0 °C to 60 °C	

		Relative working humidity	0 to 95 % without condensation		
		Mean time between failures (MTBF)	To be specified by the Bidder		
		Wall Mounting	To be supplied by the bidder		
	Software updates		The bidder should provide regular software updates to enhance the CCTV System capabilities, address any bugs or vulnerabilities, and improve overall functionality. This should include operating system software/ firmware updates as well. Additionally, the CCTV system's client software must be compatible with newer operating systems anticipated to be released over the next 10 years. The vendor must provide any necessary software updates at no additional cost to ensure continued compatibility with these future operating systems throughout the 10-year period.		
	Warranty		Should have a minimum of 2 years Warranty for covering all products of the CCTV system		
	Post-warranty		Post-warranty comprehensive charges for 3rd, 4th and 5th years should be submitted (separately) by the bidder.		
	Documentation and Manuals		The bidder should provide detailed documentation and user manuals that explain the installation process, operating procedures, and troubleshooting steps for the CCTV System Bidders are required to submit detailed network and power diagrams as part of their proposal. These diagrams should illustrate the network topology and power distribution for the CCTV system, including all connections, new and existing components.		
	Training		Operation & Maintenances training to be provided to 10 personals of SJGH.		
	Service Level Agreement (SLA) and Support Services				
		Service Levels	In the event of a service failure with the CCTV system, the bidder should provide 24x7 support. Further, a dedicated service hotline should be available.		

		<p>Extended Service Contracts</p>	<p>The bidder should provide SLA free of charge during the warranty period. The bidder should provide extended SLA after the warranty period and pricing for service contracts (both software and hardware) should be indicated.</p> <p>3rd year 4th Year 5th Year 6th Year 7th Year 8th year 9th year 10th year</p> <p>The bidder should support existing hardware given in Table 3: Existing hardware components. The bidder should provide SLA for existing hardware separately for 10 years.</p> <p>1st Year 2nd Year 3rd year 4th Year 5th Year 6th Year 7th Year 8th year 9th year 10th year</p>		
		<p>Spare Parts and Component Availability</p>	<p>The bidder should ensure the availability of genuine spare parts and components for the CCTV system, along with efficient delivery and replacement services. For this purpose, the bidder should provide a list of spare parts/components that are stored locally in Sri Lanka.</p> <p>The bidder should replace the failed component of the CCTV system within 3 hour's time.</p> <p>The supply of spare parts/components should be guaranteed for a period of Ten (10) years from the date of installation.</p>		
		<p>Technical Assistance</p>	<p>The bidder is required to maintain a competent and well-qualified technical staff to ensure the proper maintenance and troubleshooting of the CCTV system. The bidder should provide a list of the staff and their qualifications.</p>		

			All warranty and repair services must be performed by fully trained and qualified technicians		
	Bidder Experience		Bidder should have minimum of Five (05) years' experience in handling and installing CCTV systems or similar surveillance (A list of clients with written confirmation should be submitted) CCTV system (including all subcomponents) manufacturer (Principle) should have minimum 10 years' experience in the CCTV manufacturing industry. (documentary evidence should be submitted)		

Make & Model :

Country of manufacture :

Relevant catalogue & technical information attached

Information given under "Bidder's offer" is true & correct.

Bidder's Name :

Bidder's Signature :

Date :

Company Seal :