

DIRECTORATE OF STATE INSTITUTE OF HEALTH & FAMILY WELFARE, ODISHA



Nayapalli, Bhubaneswar - 751 012

☎: 2394336, 2395338, 2396072 (Hostel) Fax: 2391954

f-mail - sihfwodisha@nic.in & sihfwodisha@gmail.com

Notice No- SIHFW-OE-MISC-0006-2023// 1940 Dt. 12/04/23
(SIHFW-Store-07/2022)

QUOTATION FOR SUPPLY & INSTALLATION OF CCTV CAMERA AT THE HOSTEL OF SIH & FW, ODISHA

Sealed quotations in the enclosed format are invited from the authorized agencies/firms/suppliers for supply and installation of CCTV Camera to capture main entrance and corridor with strong recording facilities of 30 days at the S.I.H & F.W (O) hostel. The complete Tender document along with terms & condition can be downloaded from the official website of the Directorate of State Institute of Health & Family Welfare, Odisha "www.sihfwodisha.nic.in" during the period from 17.04.2023 to 8.5.2023. The interested suppliers/ agencies/firms should submit their quotations along with all requisite document to the Director, State Institute of Health and Family Welfare, Odisha, Unit- VIII, Nayapalli, Bhubaneswar through Speed Post/Regd Post latest by 8.5.2023, 5.00 P.M. The authority reserves the right to reject any or all quotation without assigning any reason thereof.

Director

State Institute of Health and Family Welfare, Odisha.

TERMS AND CONDITIONS

1. The interested agencies/firms/suppliers should submit quotations in a sealed envelope. All the pages of the Tender papers should be signed with seal of the firm/agencies/suppliers.
2. The sealed envelope containing the proposals must be delivered to the Director, State Institute of health and Family Welfare, Odisha by Regd Post/Speed Post with super scribed the items of quotation. Bids received after due date will not be entertained and shall liable for rejection.
3. Each quotation must be accompanied by the following.
 - (a) Experience in the similar field giving details along with documentary evidence.
 - (b) Photocopy of valid PAN Card,
 - (c) Photo copy of GSTIN Registration Certificate
 - (d) Self-Declaration that the bidder has not been blacklisted by the Government /PSU organizations. If found later on, the action shall be initiated against the firm/agency/supplier as per the law.
 - (e) DD drawn in favour of the Director, State institute of health and Family Welfare, Odisha, Payble at Bhubaneswar towards Security Deposit @ 5% of the total quoted amount and should be submitted along with the quotation. The quotation without security deposit will not be considered.
 - (f) Price BID as per Annexure-II
4. The actual requirement/quantity and specification of the materials has been specified in the Annexure-I and the bidder has to supply and install the same in the hostel of the S.I.H & F.W, Odisha, Nayapalli, Bhubaneswar as per the instructions and specification.
5. The rate quoted should be inclusive of all taxes.
6. Quotation for one brand will be accepted.
7. Amount quoted shall be legibly written in the tender form and any alteration requires to be attested.
8. Quotations incomplete in any respect or which contain erasures or alterations without proper attestation are liable to be rejected.



9. The selection of lowest bidder will be on the basis of total unit cost inclusive of all taxes/levies. No comparison will be made on individual item/activity basis.
10. In case there is discord between the amount quoted in figures and words, the amount furnished in words will be taken as correct.
11. The security deposit of the un-successful applicant will be refunded immediately after finalization of the work and the security deposit of the successful applicant will be released after six months of successfully completion of the work awarded. Security Deposit bears no interest.
12. The applicant should affix his signature on each page of the "Terms and Conditions"
13. The payment of the contractor will be released only after the successfully completion of the work within the time limit and after proper certification by the competent authority.
14. The successful bidder shall not assign or sublet the contract to any other firm.
15. The Director, SIH&FW(O) reserves the right to accept or reject any or all the quotations without assigning any reason thereof and also has the right to allot/distribute the work to L-2 suppliers / firms at the Lowest (L-1) rate in case of L-1 bidder fails to deliver items within the stipulated time.
16. The Bidder is required to submit Technical compliances and product data sheet of Camera, NVR, Switch & Rack.
17. The Camera, NVR, Switch and Rack must have one year warranty.
18. The Display should either TV or LED monitor with three years warranty.
19. The agency/bidder must have dedicated service center in Bhubaneswar and has to provide free service for one year. In this connection the agency will be asked to attend the complaint either through mail or over phone and the said complaint should be resolved within three days.
20. In case breach of any terms and conditions and failure to supply the required materials by the successful bidder, the Director, SIH&FW(O) will have the right to cancel the order/contract without assigning any reason thereof.
21. The decision of Purchase Committee on selection/rejection of bidders would be final basing on the quotation submitted by the bidders and the quality of items to be supplied by them.
22. The work shall be started by the contractor/firm on issue of the letter of acceptance and shall be completed in 7(Seven) days.
23. The Purchase orders shall be placed to the selected bidder whose bid has been determined to be substantially responsive and who has offered the lowest evaluated bid price. The Purchase Committee shall also not be bound to accept the lowest rate but the acceptance of the quotation shall be based on quality of materials as examined by the committee.
24. The selection of the bidder will be made on the basis of financial Bid and quality of the materials and the order will be issued to person/supplier with lowest rate quoted in respect of total cost of articles/materials mentioned in Annexure-II.
25. Any legal disputes arise out of this is subject to jurisdiction of Bhubaneswar only


Director

State Institute of Health and Family Welfare, Odisha

ANNEXURE-I

DETAILS OF REQUIREMENT AND TECHNICAL SPECIFICATION

Sl. No.	Item	Quantity
1	2 MP Fixed HD Dome Camera	3 nos.
2	2 MP Fixed HD Bullet Camera	2 nos.
3	8 Ch Network Video Recorder	1 no.
4	8 Port POE + giga switch	1 no.
5	6 U Rack	2 nos.
6	6 TB Surveillance Hard disk	1 no.
7	Supply and laying of CAT 6 cable with capping and casing	305 mtrs.(As per Actual)
8	I/O Box	6 nos.
9	22-inch LED TV/Monitor	1 no.

Sl. No.	Technical	Specification
1	Image Sensor	2 Megapixel progressive CMOS
2	Max. Resolution	1920(H) x 1080 (V)
3	Scanning System	Progressive
4	Electric Shutter Speed	Auto/Manual 1/3 s-1/100000 s
5	Min. Illumination	0.002 Lux@F1.6 (Color, 30IRE) 0.0002 Lux@F1.6 (B/W, 30IRE) 0 Lux (Illuminator on)
6	S/N Ratio	>56 db
7	Illumination Distance	20 m or higher
8	Illumination On/Off Control	Auto/ Manual
9	Illuminator Number	2 or higher
10	Pan/Tilt/ Rotation Range	Pan: 00-3600, Tilt: 00-900 , Rotation: 00-3600
Lens		
1	Lens Type	Fixed-focal
2	Focal length	2.8 mm, 3.6mm, 6 mm
3	Max. Aperture	F1.6
4	Iris Type	Fixed
Video		
1	Video compression	H.265+ / H.265 / H.264
2	Smart Codec	Smart H.265+ / Smart H.264+
3	Resolution	1080p (1920 x 1080); 720p (1280 x 720)
4	White Balance	Auto/ natural/ outdoor/ manual
5	Gain Control	Auto/Manual
6	Image Rotation	00/900/ 1800/ 2700 (Support 900/ 2700 with 1920 x 1080 resolution and lower)
7	Mirror	Yes

Network		
1	Network	RJ-45 (10/100 Base-T)
2	Interoperability	ONVIF (Profile S/Profile G/Profile T)
	Certifications	
1	Certifications	CE/FCC/UL/RoHS/BIS
	Power	
1	Power supply	12V DC/PoE (802.3af)
2	Protection Grade	IP67

IP Bullet Camera Specifications:

2 MP IP Bullet Camera		
Sl. No.	Technical	Specification
Camera		
1	Image Sensor	2 Megapixel progressive CMOS
2	Max. Resolution	1920 (H) x 1080 (V)
3	Scanning System	Progressive
4	Electronic Shutter Speed	Auto/ Manual 1/3 s-1/ 100000 s
5	Min. Illumination	0.002 Lux@F1.6 (Color, 30IRE) 0.0002 Lux@F1.6 (B/W, 30IRE) 0 Lux (Illuminator on)
6	S/N Ratio	> 56 db
7	Illumination distance	40 m or higher
8	Illuminator On/Off Control	Auto/ Manual
9	Illuminator Number	2 or higher
10	Pan/Tilt/Rotation Range	Pan: 00-3600, Tilt: 00-900 , Rotation: 00-3600
Lens		
1	Lens Type	Fixed – focal
2	Focal Length	2.8 mm; 3.6mm; 6 mm
3	Max. Aperture	F1.6
4	Iris Type	Fixed
Video		
1	Video Compression	H.265+/H.265/H.264
2	Smart Codec	Smart H.265+/ Smart H.264+
3	Resolution	1080p (1920 x 1080); 720p (1280 x 720)
4	White Balance	Auto/natural/outdoor/manual
5	Gain Control	Auto/Manual
6	Image Rotation	00/900/ 1800/ 2700 (Support 900/ 2700 with 1920 x 1080 resolution and lower)
7	Mirror	Yes
Network		
1	Network	RJ-45 (10/100 Base-T)
2	Interoperability	ONVIF (Profile S/ Profile G/Profile T)

Certifications		
1	Certifications	CE/FCC/UL/RoHS/BIS
Power		
1	Power supply	12V DC/PoE (802.3af)
2	Protection Grade	IP67
Channel NVR Specifications:		
64 Channel NVR		
Sl. No.	Technical	Specification
System		
1	Main Processor	Embedded micro-processor
2	Operating System	Embedded Linux
3	Operation Interface	Wb; local GUI
Perimeter Protection by Camera		
1	Performance	8 Channels
SMD Plus by Camera		
1	Performance	8 channels
Video Metadata by Camera		
1	Performance	8 channel
Stereo Analysis by Camera		
1	Performance	8 channels
2	AI Search	Perimeter protection
Video		
1	Access Channel	8
2	Network Bandwidth	112 Mbps or higher for access, storage and forwarding
3	Video Output	HDMI1:3840 x 2160; 1920 x 1080 VGA1: 1920 x 1080
4	Third Party Camera Access	ONVIF Complied
Compression		
1	Video	H.265+ / H.265/ H.264
Network		
1	Network Protocol	TCP/ IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP
2	Mobile Phone Access	Android; iOS
3	Interoperability	ONVIF (profile T/S/G); CGI; SDK
4	Browser	Chrome; IE9 or later; Firefox
Record Playback		
1	Multi-channel Playback	¼
2	Record Mode	Manual, scheduled/ Motion Detection
3	Storage Method	Local HDD/network
4	Backup	USB device

5	Playback Function	Play; pause; stop; fast forward; fast backward; rewind; play by frame, Full screen; backup (cut/file); partially enlarge;
Alarm		
1	General Alarm	Motion detection; privacy masking; video loss; local alarm; PIR alarm; IPC alarm
2	Anomaly Alarm	Camera offline; storage error; full storage; IP conflict; MAC conflict; login lock; network security anomaly
3	Intelligent Alarm	Perimeter protection
4	Alarm Linkage	Record; snapshot; IPC external alarm output; buzzer; log; preset
External Port		
1	HDD	6 TB Storage
2	Alarm Input	4 channels or better
3	Alarm Output	2 channels or better
4	USB	2 or more
5	HDMI	1 or more
6	VGA	1 or more
7	Network	RJ-45 10/100 / 1000 Mbps
General Parameter		
1	Power supply	DC 12V/ 1.5A
2	Operating Temperature	Minus 100C to +500C
3	Certifications	CF/FCC/UL/RoHS/BIS

8 Port PoE +Switch Specifications:

8-Port PoE Gigabit Managed Switch		
Sl. No.	Technical	Specification
1	Ethernet	8*10/100/1000 Base-T (PoE power supply)
2	PoE Budget	Total<=96W
3	PoE Protocol	IEEE802.3af, IEEE802.3at
4	Switching Capacity	30Gbps or higher
5	Packet Forwarding Rate	20 Mpps or higher
6	Application Humidity	5% ~95%
7	Power	AC100-240V, 50/60Hz
8	Working Temperature	00C~550C

CAT6 Cable Specifications:

Sl. No.	Description
1	Category 6 Unshielded Twisted Pair 100 Ohm FR PVC Cable , Characterized up to 600Mhz
2	Should be 4 pair, 23 AWG, CM Rated and should have internal cross separator
3	Should be ETL verified & 4 Connector Chanel tested
4	Compliant to TIA / EIA 568-C.2/ETL Verified/ UL Listed/ RoHS

6U Rack:

6 U Wall Mountable Rack			
Sl. No.	Item	Description	Compliance (Yes/ No)
1	6 U Double section wall mount network Rack	Rack 6U double section network rack, 1x fan, Cable Manager x 1 no's, Indian PDU 4 x 5/16 amp and 3 pin plug top with all required accessories	
CAT6 I/O with SMB			
Sl. No.	Item	Description	Compliance (Yes/ No)
1	CAT6 I/O with SMB	2x Keystone Jack + 1x Gang Box + 1x Socket Face Plate	
CAT6 0.6 feet Patch Cord			
1	CAT6 0.6 feet Patch Cord	Cat 6A, TIA/EIA 568-A/B, LSZH	

DISPLAY

22-inch Monitor/TV

Resolution : Full HD/UHD, Min Resolution 1920x1080

Panel Technology : IPS/ TN/ VA

Connectivity Options : HDMI and VGA Ports with Inbox HDMI Cable

Operating System : Android 8.0/Web O.S/Tizan

Wi-fi (built in) : 802.11b/n/g

Warranty : 3 years

(On the letterhead Firm)
Price Bid Form

Annexure-II

To

The Director,
SIH & FW, Odisha

Dear Sir,

I/We _____ submitted Quotation for
Supply & Installation of CCTV Camera at the Hostel of SIH & FW, ODISHA” against Quotation
No. _____.

I/We thoroughly examine, understood and accepted the terms and condition given in the
bid document and hereby offer to supply and install the CCTV at the following rates.

Sl. No.	Item	Unit	Quoted make	MRP	Price per unit exclusive of Taxes	Rate of Tax in %	Price per unit including Taxes/Charges
1	2 MP Fixed HD Dome Camera	1 no.					
2	2 MP Fixed HD Bullet Camera	1 no.					
3	8 Ch Network Video Recorder	1 no.					
4	8 Port POE + giga switch	1 no.					
5	6 U Rack	1 no					
6	6 TB Surveillance Hard disk	1 no.					
7	Supply and laying of CAT 6 cable with capping and casing	Per miter					
8	I/O Box	1 no					
9	22-inch LED monitor/TV	1 no.					
10	Labour and Installation charges in lumpsum						

Date _____

Place _____

Name:

Name of the Agency:

Phone No:

Email:

Signature of Authorized Person