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**TENDER DOCUMENT**

**FOR**

**SUPPLY, INSTALLATION AND COMMISSIONING  
OF CCTV SYSTEM**



**Institute of Hotel Management Catering And  
Nutrition ,  
Bathinda-151001**

## **1. Introduction**

IHM Bathinda invites sealed techno-financial bids from reputed companies / firms for the supply, installation and commissioning of CCTV system consisting of IR fixed cameras with digital video recorders, colour monitor etc for surveillance of the identified areas at IHM Bathinda.

### **1.1. Scope of Work**

- a) The bidder is required to supply, install and commission the CCTV System at IHM Bathinda as per the specifications and conditions specified in the different parts of this Tender document.
- b) The bidders are advised to visit the above mentioned sites before quoting bid in the tender.
- c) The successful bidder shall give comprehensive hands on Training to the officials of IHM Bathinda on operations, preventive maintenance, recording and retrieval of the CCTV recordings etc.
- d) The successful bidder shall carry out the work strictly as per specifications mentioned in various sections of this tender document to the satisfaction of the indenting department.
- e) Workmanship and material used should be of the best quality.
- f) Bids shall be considered only in those cases where the bidder has quoted for the entire scope of the work.

## **2. Eligibility Criteria for Bidders:**

### **2.1. Minimum Eligibility Criteria**

- a) The company must submit the certificate of incorporation as a part of technical bid. The bidding company must be providing complete solution in security and surveillance/CCTV system for the last three years.
  - b) The bidding company must be a profit making company with a minimum consolidated turnover of Rs. 25 lacs each in the last three financial years i.e 2015-16, 2016-17 & 2017-18 (Audited balance sheets to be enclosed).
  - c) The company must have executed at least three projects of Rs. 5.00 lacs or above in Govt. Sector.
- I. The bidder should have valid authorization from the principal manufacturer/distributor specific to this case in the name of Principal IHM Bathinda. General Authorization shall not be entertained and only the price bid of the firms with valid authorization as detailed above shall be opened.
  - II. The bidder must not be debarred by any State or Central Govt. Department to do business with State or Centre Department or its Autonomous bodies. The bidder must enclose undertaking to this effect.
  - III. Product should be and CE, FCC and UL Certified.

- IV. Warranty on products should be 2 Years.
- V. OEM authorization required.
- VI. Complaint should be attended within 24 hours after service call.

### **3. Bid Procedures**

#### **3.1. Instructions to bidders**

##### **Sale of Bid Document**

A complete set of Tender documents can be purchased by the bidders on submission of written application to the, Principal IHM Bathinda on payment of a non-refundable Rs. 500/- (Rs five hundred only) through Demand Draft drawn in favour of "IHM Bathinda" payable at Bathinda.

The Tender document can also be downloaded from IHM Bathinda Web site i.e. [www.ihmbti.com](http://www.ihmbti.com). In such case the bidders are required to submit the tender fee of Rs.500/- through Demand draft along with the tender document.

##### **Advice to the Bidders**

Bidders are advised to study this Tender document carefully before participating. It shall be deemed that submission of Bid by the bidder have been done after their careful study and examination of the Tender document with full understanding to its implications.

##### **Earnest Money Deposit (EMD)**

All bidders are required to deposit EARNEST MONEY of Rs 20,000/- in the form of Demand Draft, in favor of "Principal IHM Bathinda" payable at Bathinda along with the bid.

The bids received without required Earnest Money shall be rejected without further reference. No interest shall be payable by IHM Bathinda on the Earnest Money deposited by Bidder.

The successful bidder will have to deposit the 2% of the final order value as the Performance guarantee with the IHM Bathinda for the warranty period.

##### **Period of Validity of Offer**

Offer should remain valid for 90 days after the date of opening of the Pre-Qualification cum Technical bid as prescribed by the IHM. If the validity of the offer is required to be extended, the validity of EMD will also have to be extended. An offer valid for a shorter period may be rejected by IHM as non-responsive.

##### **Language of the Bid Proposal**

The Language of the bid proposal as prepared by the Bidders should be in English and all further correspondence with the IHM Bathinda and all the documents pertaining to the bid proposal shall be in English.

### **3.2. Procedure for Submission of Bid**

The Bids should be submitted in two parts i.e. Technical Bid and Financial Bid.

**Technical Bid:-** The Technical Bid should be put in a single sealed cover super scribing the wordings “Technical Bid” for CCTV system at IHM Bathinda. The EMD/ Tender form fee must be enclosed with the technical bid.

Please note that prices should not be indicated in the Technical Bid and if price found quoted, the bid will be summarily rejected.

**Financial Bid:-** Financial Bid should be put in a single sealed cover super scribing the wordings “Financial Bid” for CCTV system at IHM Bathinda.

Financial Bid should only indicate prices filled as per BOQ provided in the Tender Document.

The Technical Bid Cover and Commercial Bid Cover prepared as above are to be kept in a single sealed cover superscribed with the wordings “Technical and Financial Bids” for CCTV system at IHM Bathinda

Only authorized person should sign the tender/quotation. His name, designation and address should be given in capital letters.

No tender will be considered unless and until all the documents are properly signed and all corrections must also be signed by the tenderers.

#### **Evaluation of Bids:**

An evaluation committee consisting of officials from IHM Bathinda will evaluate the bids of all the bidders, both technically and commercially as per the following schedule/pattern.

- a) Only Technical Bid shall be opened on the day of opening of the bids the presence of bidders representatives who wish to attend at their cost. The bidders’ representatives who are present will be required to put their sign in attendance register.
- b) Conditional bids shall be summarily rejected.
- c) The Technical Bid document shall be evaluated as per the following:-
  - a) The documentation furnished by the bidder will be examined to see whether the qualifications and specific requirements including technical mentioned in this document are fulfilled.
  - b) The bidders if required shall make a presentation/ demonstration of the CCTV system, if required, to the evaluation committee.
  - c) IHM Bathinda may ask the bidders to arrange visits of evaluation committee to the departments / organizations where the bidder has already executed such orders as claimed in their bid.
  - d) The Evaluation committee reserves the right to reject any tender bid without assigning any specific reason to the bidders.

The Commercial Bid of those bidders who satisfy the parameters laid out in the Technical Bid will only be opened. The place, date and time of the opening of the commercial bid shall be notified separately.

The bidder is expected to examine all the instructions, forms, terms & conditions and specifications in the Tender document. Further to furnish all the information required in the Tender document or submission of a bid in every respect will be at bidders risk and may result in rejection of the bid.

4. 2 Years OEM, onsite comprehensive warranty/ guarantee shall be applicable to the supplied goods
5. Payment shall be made after satisfactory installation of systems and proper functioning.

Read and accepted on behalf of M/s \_\_\_\_\_

Signature

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

Seal: \_\_\_\_\_

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

**General Specification and  
BOQ (Priced Bill of Quantity)**

**NAME OF WORK: CCTV Surveillance System for IHM Bathinda**

S.no.	Item	Description	req uir em ent	Unit	Rate/u nit	Make and model
1	Indoor Dome Camera Fixed	<ul style="list-style-type: none"> <li>• Indoor Dome IP Camera 2 MP Or better progressive scan CMOS sensor.</li> <li>• Pixels 1920x1080 Frame rate :25FPS or better at full resolution 3.6 mm or above fixed lens for wide field of view</li> <li>• Day/Night Capability ,colour picture by day and clear black and white pictures by night with IR cut filter having auto switch</li> <li>• IR range 30 mtr and above on 0 lux .</li> <li>• Built in PoE (Power over Ethernet)to eliminate separate power supply and associated wiring .</li> <li>• Vandal proof</li> <li>• UL,CEand FCC certified .</li> <li>• configurable alarm notification system compatibility ONVIF support</li> <li>• onboard storage upto 64 MJPEG codec for saving storage and Bandwidth</li> <li>• Approved make :Bosch /Sony /Hikvision/Honeywell /Panasonic/Secure eye</li> </ul>	40	Nos.		
2	<b>Outdoor Bullet camera Verifocal</b>	<ul style="list-style-type: none"> <li>• Without motorized zoom; Verifocal lens –outdoor Bullet IP camera 2MP or better progressive scan CMOS sensor.</li> <li>• Pixels 1920x1080 Frame rate :25FPS or better at full resolution 2.7 to 12 mm motorized zoom</li> <li>• Day/Night Capability ,colour picture by day and clear black and white pictures by night with IR cut filter having auto switch</li> <li>• IR range 30 mtr and above on 0 lux(for nightvision)</li> <li>• Distance and Focus Adjustable (Manually)</li> <li>• Configurable Motion detection ,intrusion detection camera tempering alarm ,network discussion alarm ,including configurable alarm notification</li> <li>• onboard storage upto 64 GB low light performance with digital noise reduction 3D-DNR,WDR,BLCand ROI.</li> <li>• Video compression H.264</li> <li>• MJPEG codec for saving storage and</li> </ul>		Nos.		

		<ul style="list-style-type: none"> <li>Bandwidth</li> <li>Built in PoE (Power over Ethernet)to eliminate separate power supply and associated wiring</li> <li>Vandal proof and weather proof</li> <li>Approved make :Bosch /Sony /Hikvision/Honeywell /Panasonic/secure eye</li> </ul>				
3	<b>OutDoor Bullet Camera Fixed</b>	<ul style="list-style-type: none"> <li>Outdoor Bullet IP Camera 2 MP Or better progressive scan CMOS sensor.</li> <li>Pixels 1920x1080 Frame rate :25FPS or better at full resolution 3.6 mm or above fixed lens for wide field of view</li> <li>Day/Night Capability ,colour picture by day and clear black and white pictures by night with IR cut filter having auto switch</li> <li>IR range 30 mtr and above on 0 lux .</li> <li>Built in PoE (Power over Ethernet)to eliminate separate power supply and associated wiring .</li> <li>Vandal proof and weather proof</li> <li>UL,CEand FCC certified .</li> <li>configurable alarm notification system compatibility ONVIF support</li> <li>onboard storage upto 64 MJPEG codec for saving storage and Bandwidth</li> <li>Approved make :Bosch /Sony /Hikvision/Honeywell /Panasonic/secure eye</li> </ul>	25	Nos.		
4	<b>NVR</b>	<ul style="list-style-type: none"> <li>32-ch IP upto 12 MP resolution</li> <li>H.265/H.264/H.264+/MPEG4 video formats</li> <li>Resolution 5MP/3MP/1080P/UXGA/720p/VGA/4 CIFD/CIF/2CIF/QCIF</li> <li>Output HDMI /VGA4 SATA HDD interface slot</li> <li>1e SATA should have enough capacity to save at lest 30 days recording backup (In HDD)</li> <li>Connectable to the 3<sup>rd</sup> party network camera self adaptive 10m/100m/1000m</li> <li>Network Interface Rs-232/Rs-485 serial interface</li> <li>100-240 v AC power input</li> <li>Working Temp -10 degrees - +55 degrees</li> <li>Humidity 10-90%</li> <li>Multiplex operation for live view ,record ,playback backup and remotely control the system simultaneously etc.</li> <li>Approved Make . Bosch /Sony</li> </ul>	3	Nos.		

		<ul style="list-style-type: none"> <li>• /Hikvision/Honeywell</li> <li>• /Panasonic/secure eye</li> </ul>				
5	<b>Multi PORT PoE Switch Details given below</b>	<ul style="list-style-type: none"> <li>• Standard :IEEE802.3,IEEE802.1,IEEE802.1p, IEEE802.3af, IEEE802.3x, IEEE802.3z</li> <li>• Complaint port multi port</li> <li>• fast Ethernet</li> <li>• Power Input 100-240 V 47-63 hrz internal universal ,</li> <li>• Certification UL _UL (60950),CSA(CSA22.2),CE mark,FCC part 15 CFR 47 class A</li> <li>• Operating Temperature 4to 158 degree F</li> <li>• Operating Humidity 10% to 90% relative Noncondenseing</li> <li>• Port Based :802.1p VLAN priority based</li> <li>• Ipv4/v6 IP precedence/type of service (ToS)/DSCP based</li> <li>• Supports 802.3azon all copper ports Noncondenseing</li> <li>• Approved Make : Comnet/Netgear/Cisco/D-Link/HP</li> </ul>		Nos.		
		<ul style="list-style-type: none"> <li>• 24 port</li> <li>• 8port</li> <li>• 4port</li> </ul>	<p>3</p> <p>3</p> <p>3</p>	<p>Nos</p> <p>Nos</p> <p>Nos</p>		
6	<b>Wall Mount rack</b>	<ul style="list-style-type: none"> <li>• Basic frame Steel Construction</li> <li>• welded top and bottom cover integrated to frame with entry exit cut outs, front door</li> <li>• lockable toughened glass door mounting angle</li> <li>• formed steel standard finish powder coated standard colour :grey or black rack standard :confirming to DIN41494 or equalling standard</li> <li>• Approved Make: D- link , APW,Valrack</li> </ul>		Nos.		
7	<b>40'' HD LED TV</b>	<p>40 inch monitor with high definition resolution suitable for video monitoring purpose with 24x7 monitoring</p> <p>Approved Make: LG/Panasonic /Sony /Samsung</p>		Nos.		
8	<b>CAT 6 Cable</b>	<ul style="list-style-type: none"> <li>• Armoured CAT 6 cable</li> <li>• 4 Pair UTP Cable 23AWG Solid Bare Copper polyethylene insulation and armoured .</li> <li>• Applicable standard TIA/EIA 568.B</li> <li>• Insulation resistance 100 Ohm</li> <li>• Capacitance&lt;5.6nf/100</li> </ul>		Meter		



		<ul style="list-style-type: none"> <li>Approved make: Cisco, sterlite, D-link, Polycab, Havells, Finolex.</li> </ul>				
9	2.5 sq. MM Power cable	<ul style="list-style-type: none"> <li>3 Core,</li> <li>2.5Sq mm</li> <li>PVC insulated</li> <li>Approved make : Finolex /Havells/Polycab/Anchor</li> </ul>		Meter		
10	25mm PVC conduit	<ul style="list-style-type: none"> <li>ISI mark 25 mm pvc conduit</li> </ul>		Meter		
11	Installation Test & Commissioning	<ul style="list-style-type: none"> <li>Installation</li> <li>Integration</li> <li>Testing and commissioning of complete CCTV system (Including installation of switches ,NVR,LED,Rack mounting Cabling ,electrical connections and other jobs to make the cctv system functional to cover the entire premises) at IHM Bathinda .</li> <li>Training to Staff/Operators shall be done after commissioning of the system without any extra cost to IHM Bathinda</li> </ul>		Consolidated		
12	Batteries	<ul style="list-style-type: none"> <li>Supply and Installation of 12V/150AH tall tubular batteries</li> <li>Approved Make :Exide, Amaron,Luminous</li> </ul>	1	Nos.		
13	UPS	<ul style="list-style-type: none"> <li>3KVA online 1 Phase Input and 1 phase output with atleast 2 hrs of backup</li> <li>Approved Make: Microtek, Luminous, Sukam,</li> </ul>	1	Nos.		
14	Cable laying charges for CAT 6 cable	<ul style="list-style-type: none"> <li>As above point 8</li> </ul>		Meter		
15	Underground cable laying charges for cat6 cable	<ul style="list-style-type: none"> <li>2 feet deep with pvc exterior</li> </ul>		Meter		
16	Wireless mouse	<ul style="list-style-type: none"> <li>Make: Panasonic/Samsung/LG</li> </ul>	1	Nos.		

All the ABOVE MENTIONED WORKS INCLUDE THE FOLLOWING :

- LABOUR
- INSTALLATION
- PETTY MATERIAL

M/s-----

Signature & Stamp

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

Seal: \_\_\_\_\_

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