

**DIRECTORATE OF POLICE
COMMUNICATION & TECHNICAL SERVICES,
HIMACHAL PRADESH, SHIMLA-171002.
(sp-wir-hp@nic.in) (0177-2625120, 2623058)**

E-TENDER NOTICE

File No. CTS/24-25- 1732

Dated 15.02.2025

The Superintendent of Police, Communication and Technical Services, HP, Shimla invites E-tender from Original Equipment Manufacturers (OEM) or their authorized dealers under two Bids System i.e. Technical Bid & Financial Bid for the supply and installation of 12 Nos CCTV cameras with accessories as per the detail given in the Tender document.

Earnest Money == Rs. 10,000/-

Tender Fee/Cost == Rs. 100/-

Name of Equipment	Quantity
CCTV camera (Outdoor)	08 Nos.
CCTV camera (Indoor)	04 Nos.

CRITICAL DATES:-

Date of online Publication	16/02/2025 at 03:00 PM
Bid Document download Start Date	16/02/2025 after 03:00 PM
Online Bid submission end date	05/03/2025 upto 03:00 PM
Hard copy Bid submission end date	06/03/2025 upto 01:00 PM
Technical bid opening date	06/03/2025 at 03:00 PM

NOTE:-

1. The complete Tender Set can be downloaded from Himachal Pradesh Police website www.hppolice.gov.in. Any change/modification in the tender enquiry will be intimated through above websites only. Bidders are, therefore, requested to visit our websites regularly to keep themselves updated.

2. Bidders must submit their bids online and sealed bid also be submitted in hard copy. The bids will be opened by the Purchase Committee in the presence of authorized representatives of participated firms who may like to attend the proceedings in Conference Hall, CTS, Shimla on scheduled date, time and venue.

3. Cost of tender document in the form of Demand Draft/postal Order / Banker's Cheque only in favour of the Superintendent of Police, Communication & Tech. Services, HP, Shimla-2 and Earnest Money in the form of FDR or BANK DRAFT in favour of the Superintendent of Police, Communication & Tech. Services, HP, Shimla-2, payable at SBI Shimla should be deposited along with hard copy of the bids in the office of the

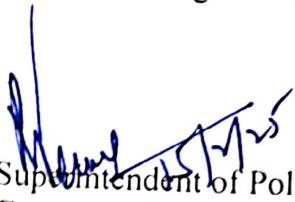


Superintendent of Police, Communication and Technical Services, Himachal Pradesh,
Khalini, Shimla-171002.

4. The envelope containing tender documents should be marked on the top right, **"TENDER FOR CCTV CAMERAS"**

5. All other terms and conditions are specified in the tender documents.

6. All documents (except BOQ) submitted by the bidders should be legible and in PDF format, otherwise, it shall be liable to be rejected.


Superintendent of Police,
Commn.&Tech. Services,
HP, Shimla-02


E-TENDER NOTICE.
DIRECTORATE OF POLICE
COMMUNICATION & TECHNICAL SERVICES
HIMACHAL PRADESH, SHIMLA-171002
TELE NO. 0177-2623058, FAX-0177-2623058
(E-mail: sp-wir-hp@nic.in)

INVITATION OF TENDER

File No.CTS/2024 -25

Dated:

Detail of Stores is as under:-

Description of Store.	Quantity (in Nos.)	Technical Specifications.
CCTV camera (Outdoor)	08 Nos.	Annexure "A"
CCTV camera (Indoor)	04 Nos.	

GENERAL CONDITIONS.

1. This is an invitation to bidder for **"Supply of CCTV Cameras"** as per technical specifications as per **Annexure** mentioned above.
2. Bidders are advised to study the tender document carefully and thoroughly. Submission of bid shall be deemed to have been done after careful study and examination of the tender document with full understanding of its implications.
3. Bidders are required to fill and submit all forms attached herewith i.e. **(FORM-I to FORM-V and VII)**. It will be imperative on each Tenderer to fully acquaint himself with all the local conditions and factors, which would have any effect on the performance of the contract and cost of the goods. No request for the change of price or time schedule of delivery of goods shall be entertained, on account of any local condition or factor once the offer is accepted by the Purchase Committee.
4. Bidders are also advised to ascertain whether they meet the eligibility criteria for bidding.
5. Tenders with price variation clauses or with vague terms are liable to be ignored and rejected. Counter offers shall not be considered. Incomplete tenders are liable to be rejected.
The hard copy of the bid should be packed in two separate envelopes duly sealed and marked as **"Technical Bid"** and **"EMD & Tender Fee"**. These two envelopes should then be packed in one larger envelop duly sealed and super scribed on the top left hand side as **"TENDER FOR CCTV CAMERAS"** and should be sent to the office of the Superintendent of Police, C&TS, HP, Shimla-171002, which should reach on or before bid submission end date and time for hard copy.
6. The tenderer shall submit undertaking of rates to the effect that the rates quoted are the lowest possible and the less rates have not been quoted to any other State/Center Government Organization/PSU under similar terms and conditions anywhere in India.

Note:

1. The HP Police shall not be responsible for any postal delay, non-receipt or non-delivery of tenders.
2. The Committee reserves all rights to open the envelopes and examine its contents or ask for clarifications or ask for revised proposals and the decision of the committee shall be final and binding.
3. The Committee reserves all rights to reject any or all offers without assigning any reason whatsoever.
4. No bid shall be accepted through telegraphic means or over email etc.
5. The representatives (Employee/Manager/ Owner/Partner or Director) of the bidders participating in the tender meetings including Technical Evaluation Committee meetings etc. must carry authorization letters from the bidder concerned.

VALIDITY OF THE TENDER BID :-

Offer should be kept open for acceptance for a period of six months from the date of opening of Bid. A bid valid for a shorter period may be rejected by the purchaser as non-responsive. Any increase in rates within this period will not be entertained and will result in forfeiture of EMD and / or Security Deposit. In the absence of express indication of Tenderers it should be deemed that they are willing to keep their offer open for acceptance for a further period of six months as stipulated above.

ELIGIBILITY CRITERION:-

1. The Bidder should be OEM or Authorized by OEM for participating in the Tender. Proof of OEM or authority letter of OEM may be submitted.
2. The Bidder must have experience of at least 1 year in manufacturing/trading/supplying of the proposed equipment. Supply orders/successful completion of order etc of having supplied of the proposed equipment in the performance statement (**FORM-III**) may be submitted.
3. At the time of Bid, Bidder must not be blacklisted from any Govt. Organization / Body in India. Deceleration certificate must be submitted as per enclosed prescribed **Form - VII**.
4. The Tenderer must be a registered dealer under any State's GST act and Central GST Act. Copy of GST Number must be enclosed.

PROCEDURE FOR SUBMISSION OF BIDS:-

1. An eligible bidder is requested to submit complete bids in hard copy.
2. All bids sealed individually should be super scribed with separate titles as specified below:-

- Technical Bid.
- EMD & Tender Fee.

These two envelopes should then be packed in one larger sealed envelope super scribed on the top left hand side as “ **TENDER FOR CCTV CAMERAS**”. The **technical bid** shall contain Tender Fee, EMD, information on compliance to eligibility criteria and Technical information and tender documents **except the price part of the bid**,

3. **The Financial bid/BOQ** shall contain the details of the price in Indian rupees inclusive of all taxes, duties, charges, F.O.R. destination, in words as well as figures.

4. All the bid papers must be signed. The information submitted must be definitive and specific. Vague terms, incomplete information, counter offers, and 'uncalled for' correspondence shall not be entertained.

5. Tenderer is required to submit the complete proposal along with annexure & brochures of the quoted equipment etc. The proposal has to be signed in original by the Tenderer. The proposal shall be exactly according to the presented formats given in the **TENDER** documents.

EARNEST MONEY DEPOSIT

A sum of Rs.10,000/- only should be deposited as Earnest money in the shape of FDR/ Bank Guarantee issued by any Indian Nationalized Bank having validity period of 6 (six) months duly pledged in favour of the SP, C&TS, Khalini, HP , Shimla-2.

TECHNICAL BID :-

Technical bid should be submitted in separate envelope duly marked as "**Technical Bid**"
Technical bid shall consist of the following documents strictly as per sequence mentioned hereunder:-

Description of Document	Page No.
Form-I duly filled in, signed and complete in all respects. (FORM-I).	
Qualifying data duly provided as Particulars & Eligibility of the Tenderer clarifying that the Tenderer is eligible for bid and is qualified to execute the contract, if the bid is accepted. (FORM-II alongwith their enclosures)	
Documentation (supply order, successful completion of order etc.) of having supplied of the proposed equipment in the performance statement. (FORM-III).	
Technical Compliance Statement showing adherence to the specifications of the Tender document requirement and Manufacturer's brochures/pamphlets/leaflet (FORM-IV).	
Deviations from the Tender Document conditions. (FORM-V).	
Declaration /certificate of Non-blacklisted from any Govt. Organization / Body in India. Form - VII.	
Undertaking of rates to the effect that the rates quoted are the lowest possible and the less rates have not been quoted to any other State/Centre Government Organization/PSU under similar terms and conditions anywhere in India.	
Proof of OEM or authorization letter from OEM.	
Letter of authorization in respect of the person authorized to remain present during proceeding of the same.	
Original Tender Document duly filled, signed and stamped on each page by Tenderer.	
Any other important/relevant document pertaining to bid, if any.	

FINANCIAL BID/BOQ:-

1. Price quoted by the tenderer in the BOQ should be uploaded in financial bid folder.
No hard copy to be submitted.
2. Rates to be quoted must be definitive and shall not be allowed to be altered.
3. Price to be quoted should be inclusive of all taxes, charges, duties and F.O.R. destination. Rates be quoted in terms of unit, in words and figures both. The rate must be inclusive of cost of packaging, fitting, fixing, installation, if any, as may be required with respect to particular item.

Procedure of finalization of Bids:-

1. Firstly, the technical bid shall be opened. At the time of opening of bid the authorized representative may remain present.
2. The tenderer must submit brochures/pamphlets/leaflets/literature of quoted item (s) for technical evaluation with technical bid.
3. The information submitted by the Bidders shall be tabulated and compared with specifications given in the tender form. It will thus be ascertained whether the product offered by the Bidder matches with the specification of the Purchaser as given in the Technical Specifications in this Tender Document.
4. The committee would be entitled to call for any further information, document, Undertaking and may also interview the authorized representative of the bidder in order to

satisfy itself about the eligibility of the bidder, technical specifications of the equipment, trustworthiness of the product. The decision of the committee on technical suitability of the offer shall be final.

5. Financial bids/BOQ of only technically qualified Tenderers shall be opened. Rest bids shall not be considered and such short-listed bidders will be intimated about the date and time accordingly. At the time of the opening of Financial Bids/BOQ, authorized representatives may remain present. It shall not be obligatory to accept only the lowest financial bid.

6. All or any bid may be rejected. The essence is that only such bid that in the opinion of the Purchase Committee or the DGP/HP is most suitable for HP Police shall be selected.

DELIVERY PERIOD:-

1. Purchase order shall be executed within 30 days from the date of issue of the order.
2. The supply shall be executed at the office of the Superintendent of Police, Commn. & Tech. Services, HP, Shimla-2.

RIGHT TO VARY QUANTITIES:-

The Competent authority reserves the right to vary the quantity within the validity of the contract without any change in price or other items and conditions with commensurate increase or decrease in delivery period. The competent authority also reserves the right to place part order on the selected Tenderer. The competent authority will be entitled to have protection of the price fall to be extended to it. The approximate requirements are given in the Tender document. But it must be clearly understood that the demand may fluctuate and no definite quantity can be guaranteed. The essence of the contract is price per item for the contract period stipulated. The quantity indicated in the Notice Inviting Tender may vary. Tenderer shall be bound to supply the item(s) in such a quantity as required by H.P Police.

CONSIDERATION – Price, Taxes etc. and Payment Terms

1. The Supplied equipment/items will be tested/surveyed/inspected by a technical committee in our Work shop and if found OK to the entire satisfaction of the committee, Payment will be released.

2. The prices quoted for the items shall be firm throughout the period of agreement and shall not be subject to any upward modification whatsoever. The rates should be quoted F.O.R. at Police Commn. & Tech. Services Head Quarter, Shimla H.P. **The prices quoted shall be inclusive of commissioning, installation of equipment and all taxes etc.**

PENALTY CLAUSE:-

If the supply of the material is not completed in the stipulated time as prescribed in this document:-

Penalty of 0.25% per week of the material cost shall be imposed. It shall be payable by the Tenderer and the said amount shall be deducted from the total amount payable to the Tenderer. Delivery period can be extended with / without L.D. maximum for 60 days on the request of Tenderer/Supplier by the competent authority, while considering merits and demerits of the case. Extension of delivery period will be the sole discretion of the Chairman, Departmental Purchase Committee, H.P Police, Shimla-2.

TERMINATION FOR DEFAULT:-

The Competent Authority may, without prejudice to any remedy for breach of contract, by written notice of default sent to the Tenderer, terminate the agreement in whole or in part if:

1. The Tenderer fails to perform any or all of the obligations within the time period(s) specified in the agreement or any extension thereof granted by the Competent Authority.

2. The quality of the delivery of equipment is not up to the satisfaction of the Competent Authority.

3. The Tenderer fails to perform any other obligation under the agreement.

4. The Competent Authority may at any time terminate the contract by giving written notice to the Tenderer without compensation to the Tenderer, if the Tenderer becomes bankrupt or otherwise insolvent, provided that such termination will not prejudice or affect any right of action or remedy, which has occurred thereafter to the Competent Authority.

5. In case of termination of contract as mentioned above all Bank Guarantee furnished by Tenderer shall stand forfeited.

ARBITRATION:-

All disputes shall be settled in courts of competent jurisdiction situated in Shimla.

WARRANTY:-

Tenderer shall provide **Warranty for 12 months** or more in respect of quoted items supplied to H.P. Police.

OTHER CONDITIONS:-

The Director General of Police HP/Departmental Purchase Committee may cancel the tender and all proceedings relating thereto without assigning any reason. The decision of the Authorities shall be final as regards the acceptability of Tendered items and items supplied by the Tenderer and they shall not be required to give any reason in writing otherwise at any time for rejection of the Tender or items

PERFORMANCE SECURITY DEPOSIT:-

The successful Tenderer will be required to furnish a Security Deposit @ 7% of the total value of the contract in shape of FDR/Bank guarantee issued by any Indian Nationalized Bank. Performance Security shall remain valid for a period of sixty days from the date of completion of contract including warranty to the best of satisfaction of Procuring Department.


Superintendent of Police,
Commn. & Tech. Service,
HP, Shimla-171002

FORM- I

(To be enclosed with Technical Bid)

Tenderer's Reference Number and Date:		
Tenderer's Name and Address:		
Person to be contacted:		
Designation:		
Telephone No.	Fax No.	E-mail Id-

To

The Superintendent of Police,
Commn.& Tech. Services,
HP, Shimla-2.

Subject:-

Dear Sir,

We, the undersigned, having read and examined in detail the specifications and all tender documents in respect of "**CCTV CAMERAS**" and do hereby propose to make the supplies mentioned in the Tender Document.

Price and Validity: All the prices mentioned in our tender are in accordance with the terms as specified in the proposal documents. We do hereby confirm that our offer includes all taxes, duties, charges, commissioning, installation, F.O.R. destination etc. We agree to abide by this bid for a period of 6 months from the technical bid opening date and it shall remain binding upon us and may be accepted at any time before the expiration of that period. This bid together with your written acceptance thereof and your notification of award shall constitute a binding contract between us. During the period, the HP Police will have right to demand additional quantity.

Deviations:- We declare that all the services shall be performed strictly in accordance with technical specifications and other conditions of the Tender documents except the deviations as mentioned in the /Technical Compliance Statement (Form-IV) and Deviations from tender document conditions (Form-V). Further we agree that additional conditions, if any, found in the proposal documents, shall not be given effect to.

Time Schedule: We further declare that we have the capacity and shall deliver entire material within 25 days from the date of purchase order.

Proposal Pricing:- We further declare that the prices stated in our bid are in accordance with your terms and conditions in the proposal document.

Qualifying Data: We confirm having submitted qualifying data as required by you in your tender document. In case you require any further information/documentary proof in this regard before evaluation of our bid, we agree to furnish the same.

Agreement Performance Security: We hereby declare that in case the contract is awarded to us, we shall submit Bank Guarantee as per terms and conditions of the tender document and agreement of contract.

We hereby declare that our proposal is made in good faith, without collusion or fraud and the information contained in the proposal is true and correct to the best of our knowledge and belief and nothing is concealed.

The bid submitted by us is properly sealed and prepared so as to prevent any subsequent alteration and replacement.

We understand that you are not bound to accept the lowest or any bid you may receive.

The undersigned is competent and duly authorized by the tenderer company/entity to sign this document.

Thanking You

Yours Faithfully

(Signature)

Name: -----

Date: -----

Seal: -----

Business Address: -----

(Technical form to be enclosed with Technical Bid)

Particulars and Eligibility of the Tenderer Particulars of the Organization
(TO BE FILLED UP BY THE TENDERER)

S. No.	Particulars	Bidder Statement
1.	Tender for the item.	
2.	Name of Make/Model/Part No. of quoted item	
3.	Name and full address of the Tenderer.	
4.	Registered Office with full address, Telephone No(s), Fax no(s), E-mail address, Website URL.	
5.	Name of Manufacturing company	
6.	GST Registration No. (Central and State).	
7.	Income Tax Registration number. (PAN)	
8.	At the time of Bid, Bidder must not be blacklisted from any Govt. Organization / Body.	FORM- VII Attached
9.	If Tenderer is not OEM, the same should be authorized by OEM (Original Equipment Manufacturer) to quote against this tender for the requirement of H. P. Police. Proposal without proper letter of authorization shall be rejected.	Attach letter of authorization in original from OEM.

(Signature)

Name: -----

Date: -----

Seal: -----

FORM - III**PERFORMANCE STATEMENT**

S. no	Financial Year	Name & address, Telephone no and fax no of purchaser to whom items have been supplied	Description of the sold Radio Over IP Gateway, R.F. Links & Liscence of CDR/Tower Dump analyzing software Name of Make /Model/Part No.	Quantity	Purchase Order No. & Date issued by Purchaser	Value of contract / Purchase Order

As of this date, the information furnished in all parts of this form is accurate and true to the best of my knowledge. I have no objection in getting this information verified by the Departmental Purchase Committee, Police C&TS Himachal Pradesh, Shimla-2 in any covert or open manner, as may deem fit.

Date: -----

Place: -----

Signed: -----

Name: -----

Designation: -----

For and on behalf of: -----

DETAILED COMPLIANCE STATEMENT TO BE PROVIDED BY ALL TENDERER.**Technical Compliance Statement**

Detailed Compliance Statement is to be provided by all Tenderer. Failure to provide compliance will lead bid being summarily rejected.

CCTV CAMERAS

Parameter	Specification	Compliance Yes/No	Deviation, if any
Parameters	Specification		

R.F. Links Equipments

Parameters	Specification		

License of CDR/Tower Dump analyzing software

Parameters	Specification		

Signed:

Name:

Designation:

For and on behalf of:

FORM - V
Deviations from Tender Document Conditions

Sr. no	Clause no	Page no	Deviations	Reasons
1				
2				
3				
4				

Date:

Place:

Signed:

Name:

Designation:

For and on behalf of:

FORM - VI**(Prices to be submitted online in BOQ only. No hard copy to be submitted)****BOQ.****Tender Inviting Authority:** Superintendent of Police, C&TS, HP, Shimla-2**Tender Enquiry No.****Bidder Name & Address:****PRICE SCHEDULE**

(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)

S. N.	PARTICULARS	BIDDER'S Amount (in INR). (in figure)	In Words
1.			
2.			
3.			
4.			
5.			

Note:-

1. The above price should be inclusive of all taxes, GST, custom duty, excise duty, any other taxes, freight, insurance, warranty, F.O.R. destination etc.
2. Tender will be awarded on the basis of item-rate.

Date: -----

Place: -----

Signed: -----

Name: -----

Designation: -----

For and on behalf of: -----

FORM - VII

Following Declaration duly filled in must be enclosed with the "Technical Bid" as given below :-

:: DECLARATION ::

I, (Name of M.D./ Proprietor of firm).....son
of.....of M/s (Name of firm and full
Address).....

.....have read all the
Terms and Conditions of the tender given above. These are acceptable to me. Earnest Money
in the form of FDR / Bank Guarantee (Made with any Indian nationalized Bank) of
Rs.....(In words)

..... in favour of The Superintendent of Police Commn. & Tech.
Services, Himachal Pradesh Police, Shimla-2 payable at Shimla, is enclosed herewith.

I, (Name of M.D./ Proprietor of firm).....son
of.....of M/s (Name of firm and full
Address).....

.....certified that we are
registered and experienced firm for this work and truly manufacturing / trading since
.....(date) We also certified that we are **not black listed** by any state or central
Govt. / University / Bank / Corporation / Autonomous institute etc. Each page of tender
documents is duly signed with seal by us. We undertake to adhere the ethical commitment as
required in this tender mandated by the law.

Place :

Date :

Signature

Name & Seal of
the Tenderer
(Supplier)

Specifications for CCTV cameras

General Description:

System: IP based CCTV System.

Recorded video of all cameras to be stored at least for 30 days.

All equipment and materials used shall be standard components.

Detailed Specification of Components

1. Day/Night IP HD camera with IR (minimum 4 megapixel): -

Sr. No.	Parameter	Specification
1.	Image sensor	1/3" or better type CMOS colour Sensor min 4mp IP Camera with colour night vision
2.	Effective Pixels	2560*1440
3.	Scanning System	Progressive Scan
4.	Resolution	1440p ULTRA HD images up to 25/30 fps
5.	Frame Rate	30 FPS for 1920 X 1080p at H.264 Compression or better
6.	Compression	Main stream: H.265 +/-H.265/H.264+/H.264
7.	Bit Rate	32kbps 10Mbps
8.	Intelligent Video	Motion detection , Built -in microphone

2. NVR:-

Sr. No.	Parameter	Specification
1.	NVR 16 Channel	16 channel with 2SATA Channel
2.	Video O/P	1 HDMI, 1 VGA
3.	Compression	H.265/MJPEG
4.	VideoResolution	2560 X 1920, 2556 X 1440, 1920 X 1080, 1280 X 720
5.	Recording Resolution	1920 X 1080
6.	Recording Speed	upto 30 fps per channel
7.	Video Detection	Motion, Video Loss, Camera Blank
8.	Hard Disk	Upto 10 tb
9.	Smart Phone Surveillance Support	iPhone, iPad, Android, Windows Phone
10.	Protocol	IPv4/IPv6, HTTP, TCP/IP, UDP, UPnP, RTSP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter
11.	Recording Mode	Manual, Schedule, STOP, Alarm and MD
12.	Search Mode	Time/Date, Alarm, Motion Detection, Exact Search (accurate to second)
13.	Playback	Play, Stop, Pause, Rewind, Fast Play, slow play, full screen, backup

Rafes

14.	Backup Mode	USB Device / Network
15.	Interface Ports	USB 2.0 port, USB 3.0 port, 1 RS485, 1 RS232, 1 RJ45
16.	Ethernet Ports	1 RJ-45 port (10/100M Base T)
17.	Power Supply	AC 100V~240V 50/60Hz
18.	Product warranty	at least 2 years

3. POE Switch: -

Sr. No.	Parameter	Specification
1.	RJ45 ports	Minimum 16 Nos. 10/100/1000 BASE-T Ethernet Ports. Uplink port should have sufficient speed to avoid network congestion, preferably network should not be loaded more than 70% at any stage, fully IEEE 802.3 compliant.
2.	Protocols and compliances	The switch should provide all standard protocols and compliances
3.	Power input	Dual redundant power input, PoE 8+2 = 02No and PoE Box=2Nos
4.	Mounting	4 U Rack mount, wall or desktop mounting options

4. Storage:-

Sr. No.	Parameter	Specification
1.	Hard Disk Type	Surveillance Hard Disk
2.	Capacity	10 TB
3.	Data Transfer Rate	Minimum Data transfer rate 6000 mbps.

5. HD LED Monitors: -

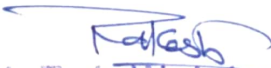
Sr. No.	Parameter	Specification
1.	Monitor	02 Nos. Minimum 43", Full HD,
2.	Display Resolution	1080p and minimum viewing of 16 cameras
3.	Backlight Module	Dynamic Edge LED
4.	Video Signal	480/60i, 480/60p, 1080/60i, 1080/50p (HDMI)
5.	MPEG noise reduction	Yes
6.	Computer Input	HDMI/Audio in, USB 2.0, Ethernet connection, HD15PC input
7.	Video Colour System	NTSC (3.58 MHz, 4.43 MHz), PAL, PAL60, SECAM

Kakasa

6. CAT 6 Cables (Length as per requirement):

Sr. No.	Parameter	Specification
1.	Type of Cable	06 Role Unshielded Twisted Pair (UTP) CAT 6 with double jacket cable Pair-shielded 100 Ohm installation cable with overall braided screen, suitable for transmission frequencies of up to 600 MHz.
2.	Primary Insulation	High Density polyethylene
3.	Outer Sheath	FR-PVC Insulation thickness 0.2 mm nominal
4.	Shielding	Screened to ensure protection against EMI and for cross talk
5.	Application standard	ANSI/TIA-568-C.2 category 6 ISO 11801 Class E
6.	Application	Indoor/outdoor installation

7. 01 No. 1 KVA Inverter with at least 07 hours backup with 2 batteries.
8. 01 No. HDMI Splitter.
9. 01 No. HDMI Extender.
10. Junction/ PVC Box.
11. Installation charges


I/C Main Tech. Workshop
Police C&TS HQR Workshop
H.P. Shimla-2 S HQR
H.P. Shimla-2