



GOVERNMENT WEST BENGAL
Office of the Howrah Police Commissionerate
28, Nityadhan Mukherjee Rd, Howrah
Email ID: policeofficehpc@gmail.com



Memo No: 6129-E

Date: 23-09-2025

E-TENDER NOTICE

E-Tender is invited by The Howrah Police Commissionerate from bonafide Firms / Agencies for Installation of CCTV on Howrah – Amta road from Salap school Battala Masjidtala to Japanigate under Domjur P.S area of Howrah Police Commissionerate under the Bidhayak Elaka Unnyan Prakalpa (BEUP) for the year 2024-25. Intended bidders are requested to submit their bids through e-Tender portal i.e. <https://wbtenders.gov.in> by following the terms and conditions of this NIT and as per the date and time schedule mentioned below:

DATE AND TIME SCHEDULE FOR THE e-TENDER

SL No.	Particulars	Date & Time
1	Date of uploading of N.I.T. Documents (Online) (Publishing Date)	25.09.2025 at 10.30 A.M
2	Tender documents download start date (Online)	25 .09.2025 at 11.00 A.M
3	Bid proposal submission start date (Online)	25.09.2025 at 11.30 A.M
4	Pre bid meeting (Offline) and Presentation/ Demonstration by bidders at the mini conference hall of Police Office	08.10.2025 at 12:00 P.M
5	Bid proposal submission end date (Online)	14.10.2025 at 16.00 P.M
6	Bid opening date for Technical bid (Online)	16.10.2025 at 16.00 P.M
7	Date of uploading list for Technically Qualified Bidder (Online)	Online, to be intimated later on
8	Date & Place for opening of Financial Proposal (Online)	Online, to be intimated later on

Any subsequent notices / circulars / corrigendum related to this e -tender shall be uploaded in the same portal, as stated above only. Bidders are requested to check the website regularly for this purpose.

This e- tender document comprises the following sections:

- Section I : Requirements.
- Section II : EMD, if any.
- Section III : General instructions to bidders (GIB).
- Section IV : Opening of Technical Proposal.
- Section V : Draft Proforma for Non – Conviction Certificate.
- Section VI : Tender Application Form.
- Section VII : Financial Proposal.
- Section VIII : Eligibility criteria and terms & conditions.
- Section IX : Specification.

The e - tender shall be evaluated under the two - bid system , i.e. through evaluation of technical and financial bids uploaded by the bidder online on the e- tender website.

SECTION I :- REQUIREMENTS

Installation of CCTV on Howrah – Amta road from Salap school Battala Masjidtala to Japanigat under Domjur P.S area of Howrah Police Commissionerate under the Bidhayak Elaka Unnyan Prakalpa (BEUP) for the year 2024-25.

SECTION II : EMD

SL NO	Particulars	EMD Amount
01.	Installation of CCTV on Howrah – Amta road from Salap school Battala Masjidtala to Japanigate under Domjur P.S, HPC.	Rs. 12,000/- (Rupees Twelve Thousand only)

- The amount of EMD to be submitted is Rs. 12,000/- (Rupees Twelve Thousand only).
- Security Deposit to be deposited as per rule and order of the Government.

SECTION III : General Instruction to the bidders

Technical Proposal

Technical Bid shall contain the following documents :

- Application to participate in e- tender as per Section V : Tender Application Form
- Technical Documents
- Scanned Copy of EMD, if any

SL NO.	Category Name	Details
01.	Certificate (s)	PAN, Professional Tax Registration, / challan deposit Financial Year 2024-25 GST Registration along with copy of last return file. Trade License (Valid)
02.	Company Details	Certificate of incorporation / partnership deed register. Updated trade license, power of attorney in favour of signatory of bid, (where applicable).
03.	Credential	Work done certificates for at least 40% of estimated value for at least one work during last 3 years on same nature of work. ITR (Last three F.Y.)
04.	Declaration	Balance sheet and Profit & Loss A/C of Last Three F.Y. Non - Conviction Certificate as per the Section V (duly Notarized after the date of publication of this NIT as per the enclosed proforma). Application in the letter head of the firm / company.

Section-IV: Opening of Technical Proposal

IF ANY DOCUMENT REQUIRED TO BE SUBMITTED FOR e-TENDER BY THE BIDDER IN HIS /HER TECHNICAL / FINANCIAL PROPOSAL , BUT NOT SUBMITTED OR IS FOUND TO BE INEFFICIENT IN ANY MANNER AT ANY STAGE AFTER OPENING OF BID , THE BID MAY BE SUMMARILY REJECTED. During evaluation , the committee may examine the original document as the bidder uploaded (e-tender documents) and this committee may ask for that at any stage of Tender. If the said documents in original are not produced within the specified date and time, the bid proposals will be liable for rejection.

The e-Tender selection committee reserves the right to reject any application / bid without assigning any reason.

i) The Tender Selection Committee will open the bids after the specified date and time as indicated in the NIT.

ii) Authorized representatives of the bidders may attend during the tender opening.

iii) The Online Technical bids shall be opened first and evaluated with reference to parameters prescribed in the NIT evaluation. After this, the Online Price Bids of only the technically qualified bidders shall be opened for further evaluation.

iv) Opening of Technical Proposals: Technical proposals will be opened by members of the Technical Evaluation Committee electronically from the website using their Digital Signature Certificate (DSC). Bidder representatives may remain to be present for technical bid evaluation and presentation purpose.

Evaluation of the tenders

QCBS method of selection will be applied to the tender as per the criteria given below.

Technical Qualification Criteria

Bidders who meet the pre-qualifications/eligibility requirements would be considered as qualified to move to the next stage of Technical and Financial evaluations.

Scoring Model

Technical Bid Evaluation

SL. No	Criteria	Basis for valuation	Max Marks	Supporting
1	RELEVANT STRENGTHS		50	
1.a	Turnover	Average annual turnover in last 3 years 30 Lakhs to 45 Lakhs: Marks=5 45 Lakhs above: Marks=10	10	Balance Sheet and Profit & Loss
1.b	Net worth	Net worth Less than 50 Lakhs Marks= 4 50 Lakhs and above: Marks=5	5	CA Certificate
1.c	Experience-I	Experience of Bidder in executing CCTV Surveillance Project in a similar scope in India (Minimum Project value =Rs.20 Lakhs) -COMPLETED PROJECTS ONLY 1 projects: Marks=7, More than 1 projects = 10	10	Work Order
1.d	Experience-II	Experience of Bidder in executing CCTV Surveillance Project in a similar scope in India (Minimum Camera Numbers= 20) -COMPLETED PROJECTS ONLY 2 projects of 20 cameras each or 1 project of 40 Cameras : Marks=5 More than 2 projects of 30 cameras each or more Than 1 project of 40 cameras each or 1 project of 80 cameras: Marks=10	10	Work Order along with Completion/ performance certificate
1.e	Maintenance	Engagement in maintenance work in at least 1 fully IP based surveillance systems for any Govt. / PSU organization. Total nos. of camera 20 nos.: Marks= 5, Between 30 nos. and 50 nos. Camera: Marks = 7, More than 50 nos.: Marks =10	10	Work Order
1.f	ISO 9001:2008 or 9001:2015 Certification	Submission of ISO 9001:2008 or 9001:2015 Certification ISO Certified Bidder: 5 Marks	5	ISO Certificate

Section VI: Tender Application Form (to be submitted in official letter head with proper seal and signature

To
The Commissioner of Police
Howrah

Ref.: Your e- tender document

I / We, the undersigned have examined the entire e – tender document, including amendments / corrigendum number, dated..... (if any) eligibility criteria , required documentation , terms and conditions etc. The receipt of which hereby confirmed.

I / We now offer to supply and deliver the goods and / or services in conformity with your above refereed document for the sum , as shown in the price schedule / Bill of Quantity attached herewith and made part of this bid.

I / We hereby declare that all data and documents submitted by us in our bid in this e- tender are genuine and true, to the best of our knowledge and belief.

If, my / our bid is accepted, we undertake to supply the goods or service as per the specification, in accordance with the delivery schedule and terms and conditions, including amendment / corrigendum etc. If any.

I / We further understand that you are not bound to accept the lowest or any bid you may receive against your above – referred tender enquiry.

I / We confirm that we do not stand deregistered / banned / blacklisted by any Govt. Authorities / Organization / Institution Local Bodies and never convicted by any Court of law for any offence.

Brief of court / Legal case are pending, if any, are following.

I / We authorize and request any Bank, Person, Firm or Corporation to furnish pertinent information as deemed necessary and / or as requested by you to verify this statement.

I / We understand the e – Tender Selection Committee reserves the right or reject any application / bid without assigning any reason.

Given, herewith. If any deviation found according the specification at any stage, the authority reserves the right to cancel the total and or part of the work with forfeiting the security money & EMD submitted for this e-Tender.

(Signature with date)

(Name, Designation, Seal of authorized person to sign bid for and on behalf or bidder)

Section- VII

Financial Proposal (Single File)

The Price schedule in form of BOQ (excel file) will be found under the published NIT schedule in the website <https://wbttenders.gov.in> and the least / offer price including all taxes and costs must be quoted against each item(s).

Financial Bid Evaluation

i). The Financial Bids of technically qualified bidders will be opened on the prescribed date in the presence of bidders' representatives.

ii). Canvassing in connection with bids is strictly prohibited and the Bids submitted by the Bidders who resort to canvassing will be liable to rejection.

iii). All prices should be inclusive of all type of taxes, Cess, fees or any other levies payable to Central Government, State Government or any statutory authority and Tender Authority will not entertain any such taxes, Cess, GST etc.

Financial evaluation shall be done through the following formula

A composite score shall be calculated for technically qualified bids only. The weightage for the composite evaluation is as described below:-

- a. Technical-70%
- b. Financial- 30%

Bidder with the highest final composite score derived as under

Final Composite Score of a particular bidder = $(TS \times 0.7 + CS \times 0.3) \times 100$,

Where $TS = T/T_{\text{High}}$ and $CS = C/C_{\text{Low}}$; T = Technical Score of that particular bidder,

T_{High} = Highest Technical Score Obtained among all the bidders, C = Total quoted amount of that particular bidder,

C_{Low} = Lowest Total quoted amount among all the bidders

Will be called for negotiating the contract

Section VIII : Eligibility criteria and terms & conditions.

Test and Inspection:

Upon completion of the installation work the tenderer/contractor, shall facilitate inspection of the equipment by Dy. Commissioner of Police(HQ), Howrah or his authorized representative, to inspect/ test the equipments and to confirm that they are installed in conformity to the required specifications and are serving the desired purpose. Any defect or failure to serve the desired purpose, discovered during the inspection will be promptly rectified and made good to the satisfaction of the Dy. Commissioner of Police(HQ) , Howrah or his authorized representative.

Penalty Clauses:

The tender selection committee reserves the right to declare a Manufacturer or their Indian Agent/ reputed organization/firm / experienced Agency blacklisted for three (03) years due to the following reasons:

- i) If the approved tenderer withdraws from agreement after achieving the "Lowest Quoted Tenderer".
- ii) In consequence of submission of false or fabricated documents by any Manufacturer or their Indian Agent/reputed organization/firm /experienced Agency for participating in the tender, if proved later on.

Financial Penalties for deficiencies in services / supplies during the period of the tender and its subsequent extensions:

In the event of failure to Supply, Installing, Testing and commissioning of the mentioned systems as per Work Order within stipulated period, the security deposit may be forfeited and next lowest Bidder will be invited.

The E- Tender will be valid till upto 12 month (from the date of AOC) and to be renewed every year by the competent authority if found satisfactory.

Bills with challans along with Work Done / Satisfactory Certificate from the concerned authority must be submitted to the office of the undersigned for payment.

The final amount reflects in the financial bid by the bidder (s) will be treated as inclusive of all taxes. GST, Delivery Cost , All direct & Indirect Taxes , All Incidental in the said financial bid.

The applying agency / firm / individuals must be registered with PAN, GST & P .Tax of current validity.

TIA is not bound to accept the lowest rate. Quality of above stated items will also be considered in selection of the bidder for supply of items. In case of equal rate , draw of lots will be done.

After evaluation of technical bids, the financial bid of technically eligible bidders will be opened and finalized.

Before opening of Financial Bid, examination of samples to be done by the undersigned.

The project must be completed within 30 (Thirty) days from the date of issue of supply order, falling which the e tender agreement will be liable to cancelled.

Signboard must be required of permanent nature with inscription of the name of M.P etc. guideline at the worksheet & a plaque should be fixed after completion the project. (Details will be supplied in due course).

Note : 1) Bidders must register on the procurement portal before submitting tenders.

2)Corrigendum, if any will be published on the website.

3) In case the lowest tendered amount of two or more contractors is same, draw a lot will decide the lowest bidder.


23/9/25
Commissioner of Police
Howrah

Copy forwarded for information to:-

1. The IGP (O), West Bengal
2. The Sabhadhipati, Howrah Zilla Parishad
3. The District Magistrate ,Howrah
4. The Addl. Director of Finance, West Bengal

Section IX : Specification (Estimate Copy).

DETAILS PROJECT REPORT FOR

CCTV SURVEILLANCE SYSTEM

**UNDER MLA OF HOWRAH PC AS PER RECOMMENDATION OF
SRI KALYAN GHOSH (KALYANENDU GHOSH), HONOURABLE**

MLA HOWRAH PC,

Under



**HOWRAH POLICE
COMMISSIONERATE**

Technical Specification for IP Based CCTV Surveillance System (4 MP FIXED BULLET) for viewing the movements of all types Vehicles and any type of illegal activities Under Howrah Police Commissionerate.

1.0 General

The specification covers design, supply, erection, testing and commissioning of the complete CCTV surveillance system including cameras, Network Digital video recorder, computer with peripherals, mounting arrangement for cameras, network switches, cables etc. for effective visual monitoring of total area of Howrah Police Commissionerate. **We will use Howrah Police Commissionerate exiting CCTV networking systems.**

The number of cameras and their locations shall be decided considering the following:

- Area of busy road crossing movement of Students/People's under HPC.
- Area of Worship places where social gathering of people's often with a specific purpose or event under HPC.
- Area of Marketing Place under HPC.
- Area of the movement of vehicles on roads that are congested with traffic and Heavy crowd movement under HPC.
- Area of Accident Prone Zone under HPC.

2.0 Technical requirements

- The system should provide inter-operability of hardware, operation protocols; system expansion should be possible through off-the-shelf available System, software, networking, printing, database connectivity, reporting & communication Hardware.
- Proposed CCTV system shall be an open standard based integrated system with IP Network and management architecture aimed at providing high-speed Manual / automatic operation for best performance.
- The system shall use video signals from various types of indoor/outdoor IP based Colour cameras installed at different locations, process them for viewing on workstations/monitors and simultaneously record all the cameras after compression using suitable standard. Mouse-KeyBoard controllers shall be used for Pan, Tilt, Zoom, and other functions of desired cameras.
- The System shall provide sufficient storage. It shall be ensured that data once recorded shall not be altered by any means. The recording resolution and frame rate

for each camera shall be user programmable. The provision for transfer of recorded data to separate external media shall be ensured.

- The required NVR software shall run on common off the shelf available servers.
- The surveillance CCTV System shall operate on 230 V, 50 Hz single-phase power supply.
- The camera and supplied software both shall be ONVIF (Open Network Video Interface Forum) compliant for easy integration with different make of cameras and hardware for future expansion.

3.0 System requirements:

1. Cameras for Worship Places shall be fixed focal length lens Bullet type suitable for Day-Night use regarding people Safety, understanding of people's gathering, prevent eve-teasing and Sexual harassment of Girls/women's of that concerned area. Surveillance Systems will help to Howrah Police to identify the concerned people who will try to violation of LAW and Order also.
2. Cameras for marketing Places shall be fixed focal length lens Bullet type Day-Night use regarding People Safety of that concerned area under Howrah Police. Surveillance Systems will help to Howrah Police to identify the concerned people who will try to violation of LAW and Order also.
3. Cameras for Area of the movement of vehicles on roads that are congested with traffic and Heavy crowd movement shall be fixed focal length lens Bullet type Day-Night use. It has helped reduce the number of traffic violations and stolen or uninsured vehicles regarding under Howrah Police. Surveillance Systems will help to HPC to identify the concerned people who will try to violation of LAW and Order also.
4. All camera recordings shall have Camera ID & locations/areas of recording as well as Date/time Stamp. Camera ID, Location/Area of recording & date/time shall be Programmable by the System Administrator with User ID & Password.
5. System to have facility of Additional Camera installation beyond the originally planned capacity.
6. System shall be triplex i.e. it should provide facility of simultaneous recording, Playback & Network Operation.
7. The offered system shall have facility to export the desired portion of clipping (from a desired Date/time to another desired date/time). Viewing of this recording shall Be Possible on standard PC using standard software like windows media player etc.
8. System shall have provision for remote monitoring and control through Central Command & Control Centre.
9. All the workstations in LAN should be provided with software to view and control the cameras and retrieve the recorded video images from the camera server seamlessly.

Project Scalability Features:-

- It can be integrated with ICCC Platform.
- Fully ONVIF (Open Network Video Interface Forum) Compliant solution for future scalability and integration with 3rd party software & hardware through SDK/API.
- Other Law enforcement device can be integrated with this system like location wise voice command, Law enforcement vehicle with GPS tracking, body worn Camera etc. and remote monitoring features.
- Customized & Configurable rule engine for setting user defined parameters.

Scope of the Work:-

Supply, Installation, Testing, Commissioning (SITC of IP Based CCTV Surveillance systems Under MLA OF HOWRAH Police Commissionerate as per recommendation of Sri KALYAN GHOSH (KALYANENDU GHOSH), Honourable MLA, with 3 Years Comprehensive Warranty.

Project Highlight:-

- Consider 30 Days Storage facility under RAID 5 Configuration
- Consider Redundancy Recording Server
- Consider Failover UPS Backup
- Own 1 GBPS Dark Fiber Network Backbone with failover ring topology
- Redundancy Network Infrastructure
- Consider Ultra High Resolution IP IR Cameras for General surveillance.
- Consider Network Based Monitoring System through Client Version with different login credentials under Server Client Architecture.

LOCATION DETAILS Where BULLET Camera will be fixed under observation and guidance of Howrah Police Commissionerate.

Sl. No.	Area/Location Name	No Of Cameras
1	Salap Bazar	4
2	Salap School Battala	3
3	Salap Kalitala More	2
4	Lakshanpur Project More	3
5	Alishan Hotel NH-6	2
6	Nibra Under Fly Over (Dankuni Bound)	2
7	Nibra Harun Market (Service Road) Kolaghat Bound	2
8	Bankra Battala More	4
9	Bankra Super Market More	4
10	Bankra Kabar Para More	4
	Nos. Of Total Camera	30



Government of West Bengal
Office of the Commissioner of Police, Howrah
28, Nityadhan Mukherjee Road,
Howrah-711101

Estimate of IP Based CCTV Surveillance System (Varifocal BULLET) for viewing the movements of all types Vehicles and any type of illegal activities in the area of DOMJUR PS of HOWRAH POLICE COMMISSIONERATE UNDER MLA AS PER RECOMMENDATION OF SRI KALYAN GHOSH

SL NO.	ITEM NAME	QTY.	UNIT	Unit Price including GST @ 18%	Total amount including GST @ 18%
1	32 Channel Network Video Recorder with Processor: Industrial-grade embedded processor, Operating System: Embedded LINUX, Operation Interface Web/operating in local GUI, Performance by Camera: 8 channel, AI Search by Camera: Search for pictures by channel, time and event type, Face Attributes: 6 attributes: Gender, age, glasses, expression, mouth mask, and beard, AI Search by Face Detection: Search for pictures by channel, time and face attributes, Performance by Face Detection: 4 channels, Video Output: 1 x VGA output, 1 x HDMI output, supports simultaneous video sources output for VGA and HDMI, Compression: Smart H.265+/H.265/Smart H.264+/H.264/MJPEG, Performance by SMD Camera: 12 channels, AI Search by SMD Camera: Search by target classification (human, vehicle), Network Bandwidth: Access: 160 Mbps; Storage: 128 Mbps; Forward: 48 Mbps, Resolution: 8MP; 6MP; 5MP; 4MP; 3MP; 1080P; 720P; D1, Decoding Capability: 8 x 1080p@30fps Multi-screen Display 1, 4, 8, 9, 16, 25, 32 views, Third-party Camera Access: ONVIF; RTSP, General Alarm: Motion detection, privacy masking, video loss, scene changing, PIR alarm, IPC external alarm, Anomaly Alarm: Camera disconnection, storage error, disk full, IP conflict, MAC conflict, login locked, and cybersecurity exception, Alarm Linkage: Recording, snapshot, local external alarm output, audio, buzzer, log, preset, and email, Intelligent Alarm: Face detection, perimeter protection (intrusion and tripwire), IVS, people counting, heat map, and SMD alarms, Audio Compression: PCM/G711A/G711U/G726/AAC, Audio Input: 1 x RCA input, Audio Output: 1 x RCA output, Alarm Input: 4 Channel, Alarm Output: 2 Channel, Record Mode: Manual record; alarm recording; SMD recording; smart recording, Smart Phone: iPhone, iPad, Android Phone, Hard Disk: 2 SATA III ports, up to 10 TB for a single HDD. The maximum HDD capacity varies with environment temperature, Browser: Chrome; IE9 or later; firefox, Disk Group: Yes, Multi-channel Playback: Up to 16 channels for playback, Playback Function: Play/pause/stop/slow/quick/backward/by frame, Full screen, backup (video clip/file), partial zoom in, and audio on/off, Storage: Local HDD; network, Backup: USB storage device, Interface Ports: 2 USB Ports (1 x front USB2.0; 1 x back USB2.0), Ethernet 1 x RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port, Protocols: HTTP; HTTPS; TCP/IP; IPv4/IPv6; UPnP; SNMP; RTSP; UDP; SMTP; NTP; DHCP; DNS; IP Filter; DDNS; FTP; Alarm Server; IP Search, P2P, auto register, ONVIF (profile T/S/G); CGI; SDK, Power Supply: 12 V DC, 4 A, Power Consumption: < 5.6 W (HDD not included, Idling), nWorking Temperature: -10°C to +55°C (+10 °F to +131 °F), Storage Temperature: 0 °C to +40 °C (32 °F to 104 °F), Storage Humidity: 30%-85%, Operating Humidity: 10%-93%, Operating Altitude: 3000 m Make: CP PLUS/Hanwha/IDIS/Panasonic/Matrix	1	Nos.	21830.00	21830.00
2	4MP Network IR Bullet Camera with Image Sensor: 1/2.8" 4MP PS CMOS Image Sensor (0.8758 centimeters), Minimum Illumination: 0.001 lux@F1.4 (Color, 30 IRE), 0.0001 lux@F1.4 (B/W, 30 IRE), 0 lux (IR on), Effective Pixels: 2560 (H) x 1440 (V), Angle Adjustment: Pan: 0°-360°, Tilt: 0°-90°, Rotation: 0°-360°, Shutter Speed: Auto/Manual 1/3 s-1/100,000 s, White Balance: Auto, Natural, Street lamp, Outdoor, Manual, Regional custom, RAM: 328 MB, ROM: 128 MB, Close Focus Distance: 6 mm: 3.2 m, Gain Control(AGC): Auto, Manual, Lens Type: Fixed-focal, Max. Aperture: F1.4, Lens Mount: M12, DORI Distance: Lens 6 mm: 124.0 m (Detect), 49.6 m (Observe), 24.8 m (Recognize), 12.4 m (Identify), Video Format: PAL/NTSC OSD Camera title, Date & Time, Lens: 6mm Fixed Lens, Angle of view: 6 mm: H: 49°, V: 26°, D: 57°, S/N Ratio >58dB, Video Compression: Instream, H.265, H.264, H.264H, H.264B, MJPEG (only supported by the sub stream), Back Light Compensation: BLC/ HLC/ DWD, stream Capability: Triple Stream, IR: IR Range of 60 Mtr., IR Number: 4 IR LED, Smart IR: Support, Resolution: 4MP (2560 x 1440), 3MP (2304 x 1296), 2MP (1920 x 1080), 1.3MP (1280 x 960), 720p (1280 x 720), D1 (704 x 576/704 x 480), VGA (640 x 480), CIF (352 x 288/352 x 240), Frame Rate: Main stream 4MP (2560 x 1440)@25fps, Sub stream 1: 720p/D1/VAG/CIF@25/30fps, Sub stream 2: D1/VGA/CIF@25/30fps, Noise Reduction: 3D NR, Motion Detection: OFF/ON (4 areas, rectangular), Privacy Mask: 4 areas, ROI: Support (4 Areas), Audio Compression G.711a, G.711Mu, PCM, G.726, AAC, Mirror Function: Support, Audio: Built-In Mic, Bit Rate: H.265: 12 kbps-4096 kbps, H.264: 32 kbps-4096 kbps, Bit Rate Control: CBR/VBR, Human body Detection: Support the classification and accurate detection of human, Protocol: SFTP, IPv6, IPv4, DNS, RTCP, NTP, RTP, HTTP, HTTPS, SNMP V3, TCP/IP, PPPoE, NFS, UDP, ICMP, SSL, DHCP, SMTP, RTSPS, ONVIF (Profile S, Profile G, Profile T), unicast, multicast, Day/Night: Auto(ICR)/Color/B/W, Ethernet: RJ-45 (10/100 Base-T), SDK and API: Support, Alarm Event: Network disconnection, IP conflict, illegal access, Motion detection, Video tampering, Audio detection, SMD (human & Motor Vehicle), Security exception, Cyber Security: AES 256-bit Encryption, Configuration encryption, trusted execution, Digest, security logs, WSSE, account lockout, syslog, video encryption, IP/MAC filtering, HTTPS, trusted upgrade, trusted boot, Browser: IE, Chrome, Firefox, IR Control: Auto, Manual, Image Rotation: 0°/180°, Smart search: Work together with Smart NVR to perform refine intelligent search, event extraction and merging to event videos, Iris Control: Fixed, User/Host: 6 (Total bandwidth: 24 M), Weatherproof Standard: IP67, Power Source: 12 VDC/PoE (802.3af), Power Consumption: Basic: 2 W (12 VDC); 2.9 W (PoE) Max. (H.265 + intelligence on) WDR + illuminator intensity: 5.3W (12 VDC), 6.8 W (PoE), Operating Temperature: -40 °C to +60 °C (-40 °F to +140 °F), Operating Humidity: >95%, Storage Temperature: -40 °C to +60 °C (-40 °F to +140 °F), Storage Humidity: >95% Make: CP PLUS/Hanwha/IDIS/Panasonic/Matrix	30	Nos.	8496.00 25480.00	25480.00
3	Supply of Surveillance Grade Hard Disk Drive with Technical Specification : Capacity : 10TB, Interface : SATA 6 Gb/s, Cache (MB) : 256MB, (MTBF) (hours) : 1000000 hr Make : Seagate/Toshiba/WD/Hitachi	1	Nos.	30562.00	30562.00
4	SITC of Commercial Full HD LED Display of 32" Indoor Type with following Configuration: Size (diagonally): 43", Panel Technology Vertical Alignment / IPS, Type: LED, resolution: 1920x1080, aspect ratio: 16:9, native contrast ratio: 1000:1 Or Better, brightness: 350 nits or more, Response time: 8 ms(Typ) or better, CONTINUOUS DUTY, Working Voltage AC 100-240V, 50Hz; Refresh Rate 50Hz or better operating temperature: 0°C- 40°C or better, Humidity: 20-80%, IP rating: IP 5x, , Built in Speaker (10W x 2) or better, Communication Interface Inputs (viz. HDMI, USB 2.0, RS232,RJ 45) certification: CE FCC UL, BIS Including HDMI Cable and with swivel fixing arrangement with All other Accessories as per site requirement. Warranty 03 years onsite comprehensive OEM warranty with parts and service. Make : Panasonic/Sony/Samsung/LG	1	PCS	21830.00	21830.00
5	4 Port Giga PoE Switch, Ethernet Port : Minimum Port1-4: 4 x RJ-45 10/100/1000M (PoE), Minimum Port 5-6: 2 x RJ-45 10/100/1000M (uplink), PoE Power Consumption : Port1-6 60 W (Hi-PoE), Port2-4 530 W, Total 60 W or better, Power Consumption Idling: 0.96 W ; Full load: 60 W or better, Standard : IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x, PoE Protocol : IEEE802.3af/ IEEE802.3at/ Hi-PoE, Power Supply Pin : 1, 2, 4, 5 (V+), 3, 6, 7, 8 (V-), Long Distance : Minimum 250 m long distance PoE transmission , PoE Power Management: Yes , PoE Ai features : Yes , Switching Capacity : Minimum 14 Gbps, Packet Forwarding Rate : Minimum 8.928 Mbps, Packet Buffer Memory : 1 Mbit, MAC Address Table : 2 K, Working Temperature : [-10 °C to 55 °C (+14 °F to +131 °F)], Application Humidity : 5%-95% (RH) , Power Input : 4R V - 57 V DC , Lighting Protection : Common mode: 4 kV, Differential mode: 2 kV, ESD Protection : Air discharge: 8 kV , Contact discharge: 6 kV Make : CP PLUS/Zykel/Netgear/Digisol	10	Pcs	26550.00 26550.00	26550.00

6	SITC of WALL Mounted Cross Connect Indoor Equipments 9U x 600 x 500 Rack - Front Glass Door with Cam Lock - Fan Unit of 90CFM / 230 Volt - 1no - 6 Way 5A PDU, along with Input Cable - 1no. Hardware packet of 20-3 Nos., Make: Dlink/Netrack/Valrack/CP PLUS Warranty: 03 (Three) years onsite comprehensive OEM warranty with parts and service except force majeure.	10	Nos.	1003.00 1003.00	10030.00
7	Supply of Cat6 UTP, 4 Pair, 23AWG, UTP Cable has been designed for horizontal cabling networks for transmission of high speed data, digital and analog, voice and video signals over LANs. Supports gigabit ethernet (1000 Base-T) standard suitable for noisy environments, high EMI interference surroundings and complies to the requirement of ANSI/TIA-568.2-D and ISO/IEC 11801. Performance verified upto 600MHz. UL Listed and ETL Verified. Available in FRPVC jacket sheath. Make : Molex/R&M/Digisol (Rate Ref: PWD-SOR-2017 Page-19)	500	MTR	33.37 20650.00	16685.00 20650.00
8	6 Core SM Outdoor Armoured OFC Cable : Supply OF 6 Core Single Mode (OS2) Unitube Armoured Cable is a direct burial cable with thixotropic jelly in central loose tube to prevent water ingress and armour with high quality electro chromium corrugated steel tape. Embedded strength members by using 2 steel rods provides better tensile strength and antibuckling properties. Available in UV HDPE sheath and LSZH sheath. Make : R&M/Digisol/Commscope	6000	MTR	22.42 134500.00	134520.00
9	Media Converter with Technical Specification 1000Mbps to 1000Base-Lx Media Converter (Single Mode 20Kms), Wavelength 1310nm, Fiber Cable 9/125Micron, Fiber Cable Distance 20Kms, Fiber Connector SC type, Copper UTP Port RJ-45, Operating Temperature: 0°C~50°C, Humidity: 5%~90% Non-condensing, Certifications CE, FCC Make : Dlink/Syrotech/TPlink/Digisol	10	PCS	2950.00 29500.00	29500.00
10	Supply of Fiber Optic Termination Box Joint Enclosure Tiffin type, High quality plastics compact and lite weight. Easy to install and Long life. Designed to be an outdoor usage and 14 splicing tubes can be fixed in this. Dimensions of 11 inch Length 7 inch Width 2 inch Height. Single hinged splice tray enables access for working Removable cover for easy access and 100% water proof. Applications : Optical Fiber Network, Telecommunications networks, FTTH, FTTx, FTTP, OSP Make : Standard	50	PCS	118.00 5900.00	5900.00
11	Supply of 3 Core 2.5sq mm Power Cable with technical features: Flame retardant, Lead free PVC insulation, Easy to pull inside conduit, Rodent protection, Moisture protection, High abrasion resistance, RoHS complaint, REACH complaint, 99.97% high purity copper. Make : Polycab/Mescab/Finolex/RR Cable	400	MTR	106.88 42432.80	42432.80
Total Amount in Rs.				598684.80 598684.80	598684.80

We have received Four Nos. Quotation from different CCTV Vender Named a) FORUNE 500, b) Future Technology, c) GREENVENT TECHNOLOGIES and d) MCCOY TECHNORISE COMPANY. As per price comparative statement we have found that M/s. FORUNE 500 has given the final amount Rs. 5,98,684.80 (Rs. Five Lakh Ninety Eight Thousand Six Hundred Eighty Four & Eighty Paise only), which is considered best offer. We are enclosing all Commercial Offer along with this Comparative statement.

VETTED

In words:- (Five Lacs Ninety four thousand Seven hundred and twenty only).

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