

CONDITIONS OF THE CONTRACT

SIGNED AND STAMPED COPY OF THE CONDITIONS OF THE CONTRACT TO BE UPLOADED BY THE BIDDER THE SAME WILL AN INTEGRAL PART OF THE CONTRACT GENERATED BY THE GeM

NON-SUBMISSION OF THE SIGNED AND STAMPED COPY OF THE CONDITIONS OF THE CONTRACT WILL LEAD TO TECHNICAL IMPALEMENT OF THE BID

1. Any bidder, which proposed alterations to any of the conditions, specification laid down in the document or inserts any new condition, will be rejected.
2. **Scope of work.** The Scope of the work/ Supplies of items covered in this tender is as per technical specification mentioned in bid document.
3. The items should be of Make and OEM and confirming to technical specification mentioned in bid document.
4. All bidders are to mandatorily fill the table below with exact nomenclature of make and model proposed to be supplied. **Supply of items other than makes mentioned in the Custom / BOQ will lead to the rejected of the bid. All bidders are submit MAF (Manufacture's Authorization Form) clearly mentioning the bid number. Forgery of the bid number on any old authorization will lead to penal action and blacklisting of bidder for all future bids.**

Ser No	Items	Make	Model	Confirm in yes or No if the product meet specification in bid	Remarks

5. In case any of the above rows are not filled not filled and/or ambiguous, the bid of the bidder is liable to be rejected. The onus and ownership of filling correct data lies on the bidder and no representation regarding the same will be entertained. **The bidders cannot impose any of their conditions. Conditions of the ATC are bidding.** The decision of the departmental board of Officer for technical evaluation committee will be final and binding.
6. The L1 bidder whose offer if accepted, shall product one sample each of the items in the bid for verification and approval by OC, nominated by the CO. The samples should be produced within 15 days of acceptance of contract.
7. The delivery of the items should be completed within the stipulated period as applicable in the bid document along with relevant test report as per IS Codes.
8. The bidders must fully acquaint themselves with the payment procedures of the PCDA. No part payment will be made.
9. **Restricted Areas.** The item supplies of Engineer Regiment at Manipur. There are strict security norms and restrictions of timings. The bidder must acquaint himself with the procedure for the same. Delay in entries to the restricted areas or lockdowns due to security situations will be not considered as grounds for extension of time, waiver of LD, claiming damage for labour, transport etc.

I have read the above terms and conditions and I certify that I shall abide by the same.

Place :

Date :

Stamp of the Bidder/His Company

Witness 1 _____

Name :

Address as per Aadhar card

Witness 2 _____

Name :

Address as per Aadhar card

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 2 megapixel): -

Sr. No.	Parameter	Specification
1	Image sensor	1/3" or better type CMOS color Sensor
2	Effective Pixels	1920 X 1080
3	Scanning System	Progressive Scan
4	Resolution	1080p Full HD images up to 25/30 fps
5	Frame Rate	25 FPS/30 FPS for 1920 X 1080p at H.264 Compression or better
6	Compression	H.264 Compression (main profile/high profile) and MJPEG
7	Bit Rate	32kbps – 10Mbps
8	Intelligent Video	Motion detection etc.

2. NVR:-

Sr. No.	Parameter	Specification
1	IP Camera Inputs	As Required
2	Video O/P	1 HDMI , 1 VGA
3	Compression	H.264 / MJPEG
4	Video Resolution	2560 X 1920 , 2048 X 1536, 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	Min 2 SATA ports , 2TB , Raid (Redundancy)
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
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	atleast 2 years

3. POE Switch: -

Sr. No.	Parameter	Specification
1	RJ45 ports	Minimum 8 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
4	Mounting	Rackmount, wall or desktop mounting options

4. Storage: -

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

5. HD LED Monitors: -

Sr. No.	Parameter	Specification
1	Monitor	Minimum 32", 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, HD15 PC input
7	Video Colour System	NTSC (3.58 MHz, 4.43 MHz), PAL, PAL60, SECAM

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

Sr. No.	Parameter	Specification
1	Type of Cable	Unshielded Twisted Pair (UTP) CAT 6 cable Pair-shielded 100 Ohm installation cable with overall braided screen, suitable for transmission frequencies of up to 600 MHz
2	Conductor	4 pair UTP armoured cable 23 AWG Solid bare Copper
3	Primary Insulation	High Density polyethylene
4	Outer Sheath	FR-PVC Insulation thickness 0.2 mm nominal
5	Shielding	Screened to ensure protection against EMI and for cross talk
6	Application standard	ANSI/TIA-568-C.2 category 6 ISO 11801 Class E
7	Application	Indoor / outdoor installation

7. UPS/Invertors with in-built batteries for backup as per requirements.