

**बिड दस्तावेज़ / Bid Document**

बिड विवरण/Bid Details	
बिड बंद होने की तारीख/समय /Bid End Date/Time	03-03-2026 11:00:00
बिड खुलने की तारीख/समय /Bid Opening Date/Time	03-03-2026 11:30:00
बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)	120 (Days)
मंत्रालय/राज्य का नाम/Ministry/State Name	Ministry Of Defence
विभाग का नाम/Department Name	Department Of Military Affairs
संगठन का नाम/Organisation Name	Indian Army
कार्यालय का नाम/Office Name	*****
वस्तु श्रेणी /Item Category	INTEGRATED SECURITY SURVEILLANCE SYSTEM SERVICE - Theft Prevention, Remote Video Monitoring, Facility/Asset Protection, Supply Fixing and Installation of CCTV Camera and Associated Accessories for Office Complex of HQ Chief Engineer Lucknow Zone at L..
अनुबंध अवधि /Contract Period	1 Year(s)
उन्हीं/समान सेवा के लिए अपेक्षित विगत अनुभव के वर्ष/Years of Past Experience Required for same/similar service	3 Year (s)
टर्नओवर के लिए एमएसई को छूट प्राप्त है / MSE Relaxation for Turnover	Yes   Complete
टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है / Startup Relaxation for Turnover	Yes   Complete
विक्रेता से मांगे गए दस्तावेज़/Document required from seller	Experience Criteria,Certificate (Requested in ATC),OEM Authorization Certificate *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेज़ों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेन् है/Do you want to show documents uploaded by bidders to all bidders participated in bid?	Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)

बिड विवरण/Bid Details	
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / <b>Minimum number of bids required to disable automatic bid extension</b>	3
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / <b>Number of days for which Bid would be auto-extended</b>	5
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / <b>Number of Auto Extension count</b>	3
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	Yes
रिवर्स नीलामी योग्यता नियम/RA Qualification Rule	50% Lowest Priced Technically Qualified Bidders
बिड का प्रकार/Type of Bid	Two Packet Bid
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation	3 Days
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

#### ईएमडी विवरण/EMD Detail

आवश्यकता/Required	No
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#### ईपीबीजी विवरण /ePBG Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईपीबीजी प्रतिशत (%) /ePBG Percentage(%)	5.00
ईपीबीजी की आवश्यक अवधि (माह) /Duration of ePBG required (Months).	18

(a) ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए। / EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

#### लाभार्थी /Beneficiary :

Chief Engineer Lucknow Zone  
 Chief Engineer Lucknow Zone, Department of Military Affairs, Indian Army, Ministry of Defence, 17 Cariappa Marg,  
 Cantonment, Lucknow, Uttar Pradesh, Pin 226004  
 (Chief Engineer)

बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

## एमआईआई अनुपालन/MII Compliance

एमआईआई अनुपालन/MII Compliance	Yes
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## एमएसई खरीद वरीयता/MSE Purchase Preference

एमएसई खरीद वरीयता/MSE Purchase Preference	Yes
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माताओं को खरीद में प्राथमिकता, यदि उनका मूल्य L1+X% तक की सीमा में हो / Purchase Preference to MSE OEMs available upto price within L1+X%	15

1. If the bidder is a Micro or Small Enterprise (MSE) as per latest orders issued by Ministry of MSME, the bidder shall be relaxed from the eligibility criteria of "Bidder Turnover" as defined above subject to meeting of quality and technical specifications. If the bidder itself is MSE OEM of the offered products, it would be relaxed from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Turnover, shall upload the supporting documents to prove his eligibility for Relaxation.
2. If the bidder is a DPIIT registered Startup, the bidder shall be relaxed from the the eligibility criteria of "Bidder Turnover" as defined above subject to their meeting of quality and technical specifications. If the bidder is DPIIT Registered OEM of the offered products, it would be relaxed from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Turnover shall upload the supporting documents to prove his eligibility for Relaxation.
3. Years of Past Experience required: The bidder must have experience for number of years as indicated above in bid document (ending month of March prior to the bid opening) of providing similar type of services to any Central / State Govt Organization / PSU. Copies of relevant contracts / orders to be uploaded along with bid in support of having provided services during each of the Financial year.
4. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference for services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered service. If L-1 is not an MSE and MSE Service Provider (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band as defined in the relevant policy, then 100% order quantity will be awarded to such MSE bidder subject to acceptance of L1 bid price. The buyers are advised to refer to the [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if the credentials of the service provider are validated on-line in GeM profile as well as validated and approved by the Buyer after evaluation of submitted documents.
5. If L-1 is not an MSE and MSE Service Provider (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band as defined in the relevant policy, then 100% order quantity will be awarded to such MSE bidder subject to acceptance of L1 bid price.
6. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.
7. Reverse Auction would be conducted amongst first 50% of the technically qualified bidders arranged in the order of prices from lowest to highest. Number of sellers eligible for participating in RA would be rounded off to next higher integer value if number of technically qualified bidders is odd (e.g. if 7 bids are technically qualified, then RA will be conducted amongst L-1 to L-4). In case number of technically qualified bidders are 2 or 3, RA will be between all without any elimination. If Buyer has chosen to split the bid amongst N sellers, then minimum N sellers would be taken to RA round. In case Primary products of only one OEM are left in contention for participation in RA based on lowest 50% bidders qualifying for RA, the number of sellers qualifying for RA would be increased to get at least products of one more OEM (directly participated or through its reseller) if available. Further, if bid(s) of any seller(s) eligible for MSE preference is / are coming within price band of 15% of Non MSE

L-1 or if bid of any seller(s) eligible for Make in India preference is / are coming within price band of 20% of non MII L-1, then such MSE / Make in India seller shall also be allowed to participate in the RA process.

अतिरिक्त योग्यता /आवश्यक डेटा/Additional Qualification/Data Required

Scope of Work:[1770117335.pdf](#)

Additional Document required for Verification of Eligibility criteria and Experience specific to this Service:[1770117347.pdf](#)

**INTEGRATED SECURITY SURVEILLANCE SYSTEM SERVICE - Theft Prevention, Remote Video Monitoring, Facility/Asset Protection, Supply Fixing And Installation Of CCTV Camera And Associated Accessories For Office Complex Of HQ Chief Engineer Lucknow Zone At L.. ( 1 )**

तकनीकी विशिष्टियाँ /Technical Specifications

विवरण/ Specification	मूल्य/ Values
<b>कोर / Core</b>	
Surveillance Required for	Theft Prevention , Remote Video Monitoring , Facility/Asset Protection , Supply Fixing and Installation of CCTV Camera and Associated Accessories for Office Complex of HQ Chief Engineer Lucknow Zone at Lucknow
Storage Type	Capture Devices , Recording Devices , Archival Storage
Storage required for	High media quality , Ability to archive footage , Maximum security footage
Command Control Centre	Buyer's premises
Type of Access Control System Required	NA
Type of Attendance management System	NA
Alarm Management system required for	NA
Public Address System	NA
Technical Manpower Required	No
<b>एडऑन /Addon(s)</b>	

क्रेता द्वारा निर्धारित न्यूनतम मूल्य/Minimum Floor Price defined by Buyer

क्रेता द्वारा निर्धारित न्यूनतम मूल्य/Minimum Floor Price defined by Buyer

No

#### अतिरिक्त विशिष्टि दस्तावेज़ /Additional Specification Documents

#### परेषिती/रिपोर्टिंग अधिकारी /Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	Quantity	अतिरिक्त आवश्यकता /Additional Requirement
1	*****	*****LUCKNOW	Project / Lumpsum Based	N/A

#### क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/Buyer Added Bid Specific Terms and Conditions

##### 1. Generic

**Bidder financial standing:** The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.

##### 2. Generic

Bidders shall quote only those products (Part of Service delivery) in the bid which are not obsolete in the market and has at least 6 years residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.

##### 3. Generic

1. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.
2. The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer.
3. The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contractor, for and in respect of the due performance of the Contract and the Sellers obligations there under.

##### 4. Service & Support

AVAILABILITY OF OFFICE OF SERVICE PROVIDER: An office of the Service Provider must be located in the state of Consignee. DOCUMENTARY EVIDENCE TO BE SUBMITTED.

##### 5. Service & Support

Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

##### 6. Past Project Experience

**Proof for Past Experience and Project Experience clause:** For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:a. Contract copy along with Invoice(s) with self-certification by the bidder that service/supplies against the invoices have been executed.b. Execution certificate by client with contract value.c. Any other document

in support of contract execution like Third Party Inspection release note, etc. Proof for Past Experience and Project Experience clause: For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria: a. Contract copy along with Invoice(s) with self-certification by the bidder that service/supplies against the invoices have been executed. b. Execution certificate by client with contract value. c. Any other document in support of contract execution like Third Party Inspection release note, etc.

**7. Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

**BOQ FOR SUPPLY, FIXING AND INSTALLATION FOR CCTV NETWORK SYSTEM IN THE OFFICE OF HQ CHIEF ENGINEER LUCKNOW ZONE**

**1. Scope of Work:** Supply, installation, testing, recording and full commissioning of IP based CCTV Network System for the office of HQ Chief Engineer Lucknow Zone as per the layout and technical specifications.

**2. Technical Specification of Equipment:**

Sr No	Item Description	AU	Qty	Remarks
1.	Cat6 Cable of length 305 mtr	Mtr	2135	
2.	4 MP IP Camera Outdoor Night Vision Colour Bullet Camera	Nos	37	
3.	NVR Rack	Nos	06	
4.	32 Channel NVR (Network Video Recorder)	Nos	02	
5.	4 TB Surveillance HDD	Nos	02	
6.	RJ-45 Connector	Nos	100	
7.	8 Port PoE Switch	Nos	04	
8.	Junction Box	Nos	37	
9.	2" PVC Casing Capping of Length 6 ft	Pcs	711	

*Note:- Detailed technical specification of all the Equipment is given in Annexure II.*

**3. Terms & Conditions related to Scope of Work**

(a) The firm shall supply the materials as per BOQ (Annexure I) and Detailed Technical Specification (Annexure II). Here it is pertinent to mention that the successful bidder has to supply all the items as mentioned in BOQ.

(b) The firm shall supply and install the CCTV system as per given Lay

out (Annexure III).

(c) In case any item is not given in Technical Specification/BOQ and same is required essentially for commissioning of the System, it shall be in the scope of Firm.

(d) Supply of Consumable Items like Patch cord, Pigtail, Thimbles, RJ45 Connectors, Sleeves and Flexible Conduits etc. are in the scope of firm.

(e) Any accessories like Patch cord, Pigtail etc. for networking shall be technically in line/compatible with the main equipment.

(f) All LAN/ Cat6 / Power cables shall be routed through HDPE/PVC Capping & Casings.

(g) The successful bidder has to provide on-site warranty for all equipments for one year.

(h) All the camera and NVR should be of same make.

(j) The entire scope of the work depends on the technical skill and experience in management of the same level or kind of infrastructure.

Cont...2/-

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(k) It is mandatory for successful bidder to deploy the qualified professional to install, commission & maintain the equipment's, as defined under scope of work.

(l) All items installed Outdoor should be sufficiently robust and should be suitably corrosion resistant, weather tolerant and vandal resistant, even if not specifically mentioned in the technical specifications of the items.

(m) All the items should be of high quality with high longevity, smooth operation, very low wear and tear, temperature controlled, no noise, and manufactured for continuous operation, wherever applicable.

(n) Placement for all outdoor/ indoor equipment should be done to ensure reasonably good protection.

(o) Aesthetics, proper finishing, maintainability and longevity aspects are of vital importance and should be duly taken care of by the Successful bidder during installation.

(p) Cable Laying:-

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(i) Charges for the installation of the cables, capping casing and other associated accessories required will be inclusive of the total value of the bid awarded. No extra charges will be payable.

(ii) Capping casing should be properly joined/fixed accommodating the cables and the ends of capping casing also should be properly sealed to avoid any exposure of the cables. The installation/maintenance of capping casing should be done using proper tools.

(iii) Suitable Junction boxes should be placed where branching of the cable is necessary. Such Junction boxes should be suitably rugged and safely placed.

(iv) All indoor wirings/cablings should be properly secured, duly terminated, easily maintainable and aesthetically sound.

(q) Placement/Fittings: All Equipment installed should be properly placed which should be secure, aesthetic, convenient for maintenance, healthy from operational and fault liability point of view and follows recognized standards wherever applicable. It will include placement of all switches in suitable Racks, Fitting of Cameras on wall/ceiling/corners/Poles/Brackets etc., other hardware including Power Supplies in suitable racks/ enclosures/ stands etc.

(r) The Successful bidder will be fully responsible for the quality of the items supplied, quality of Workmanship, Aesthetics, quality of Integration of various components of the System, user-friendliness of the System, maintainability of the System and ensuring satisfactory achievement of the objectives of the System as explained in various clauses here and the Scope and terms & conditions of the work.

Cont...3/-

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(s) The successful bidder will arrange for all tools/tackles, testing instruments, software etc, required for installation and testing of the system.

(t) The successful bidder will be fully responsible for safety of its personnel engaged in installation work. He/She will ensure that he/she and

his/her personnel abide by the provisions of all relevant acts applicable, relating to the work.

4. **Pre-Commissioning Inspection & Trial Run (For System Acceptance)**

On installation, the System and its Components will be jointly (in presence of both the successful bidder and HQ Chief Engineer Lucknow Zone representatives) tested as follows: -

- (a) All equipment and installations will be individually inspected physically.
- (b) Individual active equipment will be tested with Power. Passive items also will be tested wherever feasible.
- (c) Different Sub-Systems will be tested wherever feasible and later the system will be tested in integrated manner.
- (d) The feasible parameters of testing will be jointly decided keeping in view the technical specifications, scope of work and Additional Terms & Conditions, and list of equipment mentioned as per the bid document.
- (e) On acceptance of the test results by this office representative, the trial run will start.
- (f) On acceptance of testing of the system, the system will be put under trial run. Trial run of the system will be for a minimum period of 48 hours.
- (g) The duration of trial operation of the complete equipment shall be seven 72 hours where all the equipment installed will be in continuous operation on full load. The trial operation shall be considered successful, provided that each item of the equipment can operate continuously at the specified operating characteristics, for the said period of trial operation.
- (h) On successful trial run and acceptance of the same by this office representative, will be taken as commissioned and the office representative will issue an Installation & Commissioning Certificate for the System.

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**BILL OF QUANTITY (BOQ) FOR CCTV NETWORK SYSTEM**

<b>Sr No</b>	<b>Item Description</b>	<b>AU</b>	<b>Qty</b>	<b>Remarks</b>
1.	Cat6 Cable of length 305 mtr	Mtr	2135	
2.	4 MP IP Camera Outdoor Night Vision Colour Bullet Camera	Nos	37	
3.	NVR Rack	Nos	06	
4.	32 Channel NVR (Network Video Recorder)	Nos	02	
5.	4 TB Surveillance HDD	Nos	02	
6.	RJ-45 Connector	Nos	100	
7.	8 Port PoE Switch	Nos	04	
8.	Junction Box	Nos	37	
9.	2" PVC Casing Capping of Length 6 ft	Pcs	711	

Note:- Refer Annexure II for Detailed technical specification of all the Equipment.

**DETAILED TECHNICAL SPECIFICATION OF ALL EQUIPMENT**

<b>Item No 1 : CAT6 LAN Cable</b>	
<b>Cat 6 cable conforming to ANSI/TIA/EIA-568 C.2 latest or ISO/IEC:11801 latest</b>	Yes
<b>Cable category: Category 6 Unshielded/Unshielded twisted pair or Category 6 Foiled/Unshielded twisted pair or Category 6 Shielded / Foiled Twisted Pair</b>	CAT6 U/UTP
<b>Cable colour</b>	Violet
<b>Conductor diameter</b>	0.57 mm (23 AWG)
<b>Conductor count (in Nos)</b>	8
<b>Length of cable in a bundle (Mtrs)</b>	305
<b>CAT6 Cable can transmit data at 1000 Mbps (~1 Giga bit per second) with a frequency of 250 MHz and suitable for 10BASE-T, 100BASE-TX Fast Ethernet and 1000BASE-T / 1000BASE-TX (Gigabit Ethernet)</b>	Yes
<b>Maximum DC resistance - in Ohm/Km</b>	Max. 100 Ohm/Km
<b>Conductor Material</b>	Bare Copper
<b>Conductor Insulation Material</b>	Polyethylene
<b>Cable jacket material</b>	LSZH with fire retardant
<b>Conductor stranding</b>	Solid
<b>Cable should have internal cross separator</b>	Yes
<b>Storage temperature range</b>	minus 20 to plus 60 deg C
<b>Operating temperature range</b>	minus 20 to plus 60 deg C
<b>Each meter printed with sequential length counter of cable apart from marking requirement as per relevant specifications and certifications</b>	Yes

<b>Category 6 cable shall have valid verified certificate from ERTL/ETL / Intertek/3P /GHMT /Delta/UL as per CAT 6 standards ANSI//TIA/ EIA-568 C.2 latest or ISO/IEC: 11801 latest</b>	Yes
<b>UL Marking on Cable</b>	Yes

Cont...2/-

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<b>Item No 2 : 4 MP IP Outdoor Night Vision Colour Bullet Camera</b>	
<b>Camera Type</b>	Analog Camera
<b>Video Output</b>	DAV, MP4, ASF
<b>Video Recording Resolution</b>	1920 x 1080
<b>Video Recording Frame Rate</b>	20 fps at 1080p
<b>Compatible Devices</b>	Mobile/Tablet/P C/Laptop
<b>Motion Triggered Recording</b>	Yes
<b>Power Source</b>	DC
<b>Power Requirement</b>	12V/2A
<b>Power consumption</b>	5W
<b>Colour</b>	White
<b>Mounting</b>	Wall Mount/Ceil ing
<b>Warranty</b>	1 Year

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<b>Item No 3 : Network Video Recorder (NVR) Rack</b>	
<b>Type of Server Racks</b>	Portable Racks
<b>Size of Server Rack Enclosure</b>	6U
<b>Depth of the Rack (mm)</b>	Upto 450
<b>Mount Type</b>	Wall mount
<b>Front glass Door</b>	Yes

<b>Type of glass used in front door</b>	NA
<b>Material used for rear door</b>	CRCA Steel
<b>Both rear and front doors with Perforation</b>	No
<b>Side Panels With Key Locks and Slam Latch</b>	No
<b>Secure Locks</b>	Not Available
<b>Rear split door design</b>	No
<b>Keyboard Tray Sliding and Rotary</b>	No
<b>Shelf For CRT/TFT Display</b>	No
<b>Cable channel in rear side for cable management</b>	No
<b>Support cable entry from top or bottom</b>	No
<b>Vertical &amp; Horizontal managers</b>	No
<b>Numbers of Rack trays</b>	0
<b>Number of Fan For Heat dissipation (nos)</b>	0
<b>Number of fan trays</b>	0
<b>Heavy Duty Caster Wheels</b>	NA
<b>If yes, then Front Break Options</b>	NA
<b>Load Bearing Capacity (Kgs)</b>	15 kilogram
<b>If Wall mount racks then ,Swing-Out Racks</b>	NA
<b>Dust or water resistant</b>	No
<b>PDU Power Strips</b>	Not Available
<b>Weight (Kg)</b>	9.99 kilogram
<b>Warranty (Years)</b>	3

Cont...3/-

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<b>Item No 4 : 32 Channel Network Video Recorder (NVR)</b>	
<b>Type of Recorder</b>	NVR
<b>Mounting</b>	NA
<b>Housing construction</b>	Metal/Aluminium alloy

<b>Rack Mount configuration</b>	NA
<b>Total Number of Input Channels</b>	32
<b>Number of IP based Video input Channels</b>	32
<b>Maximum Recording Resolution supported</b>	4K (3840 × 2160)
<b>Supported Compression Technique</b>	H.265,H.264
<b>Maximum Number of cameras to be viewed on a single display</b>	32 or more
<b>Simultaneous Monitoring Connections for All Cameras (Users in Local Network for Client Connection )</b>	4
<b>Recording Speed for all channels (fps)</b>	Upto 30
<b>Incoming and output bandwidth limit (Mbps)</b>	Upto 128
<b>Audio Support</b>	No
<b>Audio Input</b>	all input channels f or NVR
<b>Audio Output</b>	1
<b>Audio Compression</b>	NA
<b>Minimum Number of Simultaneous Channels for Two-way Audio Support</b>	1
<b>Type of Encryption</b>	HTTPS (SSL/TSL),HTTP (SSL/TSL)
<b>Multi Level User ID / Password</b>	Yes
<b>Alarm Support</b>	No
<b>Alarm Input</b>	4
<b>Alarm Output</b>	2
<b>Pre / Post Alarm Buffer</b>	Yes
<b>Pre-Alarm Recording</b>	30 Seconds
<b>Post-Alarm Recording</b>	300 Seconds
<b>Operating System Supported</b>	Windows/Linux
<b>Supported Network Protocols</b>	UDP,HTTP,DHCP,HTTPS,DDNS
<b>Supported Interface</b>	Ethernet,HDMI,VGA

<b>Physical Layer of Ethernet</b>	10/100/1000 Base TX
<b>Network transmission Speed</b>	Real time display @ D1 resolution
<b>Number of USB Ports</b>	2
<b>Number of PoE Ports</b>	0
<b>Number of Ethernet Ports</b>	1
<b>Supported SIM Slot</b>	NA
<b>Other Ports/Slots</b>	HDMI Port,1 VGA Port
<b>Search</b>	Date,Time
<b>Bookmarks</b>	Forward,Backward
<b>Page preview</b>	Video Window

Cont...4/-

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<b>Total Management</b>	Group add,Group management
<b>Camera Management</b>	Add, Edit
<b>Hard Disks Provided</b>	No
<b>Total Storage Capacity (TB) of the hard disk provided</b>	NA ( No Hard Disk Provided)
<b>Details of number of HDD x each HDD capacity to fulfill of totalstorage requirments</b>	NA
<b>Internal Hard Drive Interface</b>	SATA III
<b>Internal Storage Expandable upto (TB)</b>	0
<b>Number of Hard Disks supported</b>	2
<b>Redundancy Option</b>	NA
<b>Salient Features</b>	Video Loop Support
<b>Video Content Analytics (VCA)</b>	Trip-wire Detection, Motion Detection
<b>Other features, if any</b>	NA

<b>Accessories Requirments</b>	NA
<b>Buyer SpecificTest Requirements</b>	NA
<b>Power Input</b>	12 VDC
<b>Auxiliary/redundant power input</b>	NA
<b>Power Consumption</b>	6.5 Watt
<b>Suitable Adapter to be Supplied to Make the Equip ment Work on 230 V ± 10 %, 50 Hz</b>	Yes
<b>Minimum Operating Temperature</b>	-5 degree Celsius
<b>Maximum Operating Temperature</b>	55 degree Celsius
<b>Relative Humidity Non Condensing at 40 deg C</b>	90 percent
<b>Warranty</b>	2 years
<b>After sales service ( Turn Around Time)</b>	7 days
<b>Other Services Provided ( Inclusive in the scope of supply)</b>	NA
<b>Agree to provide all relavant documents Test Repor t/supporting document /reports to the buyer at the time of bidding or on demand</b>	Yes
<b>Total Management</b>	Group add,Group management

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Cont...5/-

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<b>Item No 5 : 4 TB Hard Disk Drive (HDD)</b>	
<b>Type</b>	Internal
<b>Form Factor</b>	3.5
<b>Capacity (TB)</b>	4 Terabyte
<b>Cameras supported</b>	64
<b>Number of USB 2 Ports</b>	0
<b>Interface</b>	SATA 6 Gb/s
<b>Workload Rating (TB/year)</b>	180

<b>OS Supported</b>	Windows
<b>NVR-Ready</b>	Yes
<b>Bay Count Support</b>	16
<b>Cache (MB)</b>	256
<b>Water Resistant</b>	No
<b>Shock Resistant</b>	No
<b>Dimension (W x H x D) (mm x mm x mm)</b>	101.6x26.1x147
<b>Wattage (Watts)</b>	4.7
<b>Standard Accessories to be supplied</b>	Cable
<b>Operating Temperature Range (Degree C)</b>	0 to 65
<b>Operating Humidity (% RH)</b>	70

<b><u>Item No 6 : RJ 45 Connector</u></b>	
<b>Input pin Rating (AMP)</b>	6 A
<b>Input pin Size Configuration</b>	As per IS:1293/2005
<b>Nos of Pins in Input Plug (Nos)</b>	3
<b>Power on indication</b>	Yes
<b>No of 16A Sockets suitable for 3pin plug to IS:1293/2005 (Nos)</b>	0
<b>No of 6A Sockets Suitable for 3pin plug to IS:1293/2005 (Nos)</b>	4
<b>No of 6A Socket Suitable for 2pin(16.50 mm Pin distance ) to IS:1293/2005 (Nos)</b>	0
<b>No of 6A Socket Suitable for 2pin(19.10 mm Pin distance) to IS:1293/2005 (Nos)</b>	4
<b>Material</b>	Plastic

Cont...6/-

<b>Item No 7 : 8 Port PoE Switch</b>	
<b>Type of Switch</b>	Un Managed
<b>Technology</b>	PoE+
<b>Number of 1G Copper Ports</b>	8
<b>Number of 10G Copper Ports</b>	0
<b>Number of 1 G SFP Port (Uplink)</b>	0
<b>Number of 10 G SFP+ Port (Uplink)</b>	0
<b>Multi-Gigabit Support</b>	Yes
<b>Redundant Power supply ( from day one)</b>	Not Available
<b>Console Port</b>	Not Available
<b>Switching Capacity-Non Blocking (Gbps)</b>	20
<b>Throughput (MPPS)</b>	1.488
<b>Operating System</b>	Available
<b>Dedicated Stacking Port/Slot ( from day one)</b>	Not Available
<b>Stacking Bandwidth (Gbps)</b>	1.2
<b>Basic Layer-3 Protocol</b>	NA
<b>Security Feature</b>	NA
<b>Management Protocol</b>	NA
<b>QoS</b>	NA
<b>Operating Temperature Range (Degree C)</b>	-10°C ~50°C
<b>Operating Humidity (RH)(%)</b>	10% - 95%
<b>IPv6 Ready from day one and duly certified</b>	Yes
<b>PoE Power Budget (Watt )</b>	48
<b>On Site OEM Warranty</b>	3 Year

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<b>Item No 8 : PVC Junction Box</b>	
<b>Switch board boxes for installation of Modular Type of electrical accessories</b>	With Frame Plate

<b>Material of switch board boxes</b>	Dough Moulding Compound (DMC )
<b>Number of modules which can be accommodated and configuration defined as below ( Ax B x C)</b>	One Module (1 x 1 x 1 M)
<b>Minimum size of the box ( L mm x W mm x W mm)</b>	100 mm x 75 mm x 50 mm
<b>Matching Cover Plate</b>	With
<b>Matching Frame Plate</b>	Without

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Cont...7/-

-7-

<b>Item No 9 : 2" PVC Casing Capping of Length 6 ft</b>	
<b>Shape</b>	Rectangle
<b>Color</b>	White
<b>Maximum Withstand Voltage</b>	660V
<b>Maximum Operating Temperature</b>	80 deg Celsius
<b>Non Flammable</b>	Yes
<b>Type Of Slotted</b>	Horizontal Slotted
<b>Material</b>	Flexible PVC
<b>Length(mm)</b>	2000 millimetre
<b>Width(mm)</b>	50
<b>Diameter(inches)</b>	2
<b>Height(mm)</b>	16
<b>Thickness</b>	1.8 millimeter

<b>Warranty</b>	18 month
<b>Packaging Type</b>	Carton Box

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**Note: -**

1. Bidder has to submit Certificate regarding acceptance of all the terms & conditions of bid.
2. Self-attested Copy of PAN card, GST Registration and Adhaar Card.
3. All items should be ISI marked/as per latest IS / make and superior quality.
4. L1 Bidder shall be submit original mandate form and original cancel cheque after award of contract for payment action.
5. **Submission of Physical Documents.** Original EMD in DD/Bankers Cheque for Rs 7500/- **is to be submitted physically and the responsibility for submission rests solely with the bidder.** The physical receipt of these documents is mandatory. The Technical Bids shall not be accepted if these documents are not received **prior to bid opening.**
6. **This document shall be submitted/ uploaded by the bidder for qualification of Technical Bid: -**

**(Notarized Affidavit to be executed on non-judicial stamp paper of Rs. 10/-)**

**A copy of Affidavit same should be scanned and uploaded in the GeM portal**

**As per the timelines of the Bid documents.**

That I, the undersigned that my firm has not been convicted of an offence under the Prevention of Corruption Act, 1988.

That my firm has not been convicted under the Indian Penal Code or any other law of the time being in force, for causing any loss any loss of life or property or causing a threat to public health as part of execution of a public procurement contract.

That I hereby certify that none of my relatives(s) as defined in the bid documents is/are employed in CE/CWE/GEs Lucknow Cantt as per details given in bid document. In case at any stage, it is found that the information given by me is false/ incorrect, HQ CELZ shall have the absolute right for termination of the Contract as deemed fit/without any prior intimation to me

**Place:**

**Date:**

(a) Dated Signature of Bidder alongwith stamp.....Name of the bidder.....  
.....

#### 8. Buyer Added Bid Specific ATC

Buyer uploaded ATC document [Click here to view the file.](#)

#### अस्वीकरण/**Disclaimer**

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.

12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.
15. Any ATC clause in contravention with GeM GTC Clause 4 (xiii)(h) will be invalid. In case of multiple L1 bidders against a service bid, the buyer shall place the Contract by selection of a bidder amongst the L-1 bidders through a Random Algorithm executed by GeM system.
16. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by GeM GTC.
17. In a category based bid, adding additional items, through buyer added additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogs or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

**All GeM Sellers/Service Providers shall ensure full compliance with all applicable labour laws, including the provisions, rules, schemes and guidelines under the four Labour Codes i.e. the Code on Wages, 2019; the Industrial Relations Code, 2020; the Occupational Safety, Health and Working Conditions Code, 2020; and the Code on Social Security, 2020 as and when notified and brought into force by the Government of India.**

**For all provisions of the Labour Codes that are pending operationalisation through rules, schemes or notifications, the corresponding provisions of the pre-existing labour enactments (such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972, etc. and relevant State Rules) shall continue to remain applicable.**

**The Seller/ Service Providers shall, therefore, be responsible for ensuring compliance under:**

- **All notified and enforceable provisions of the new Labour Codes as mentioned hereinabove; and**
- **All operative provisions of the erstwhile Labour Laws until their complete substitution.**

**All obligations relating to wages, social security, safety, working conditions, industrial relations etc. and any other statutory requirements shall be strictly met by the Seller/ Service Provider. Any non-compliance shall constitute a breach of the contract and shall entitle the Buyer to take appropriate action in accordance with the contract and applicable law.**

This Bid is governed by the [सामान्य नियम और शर्तें/General Terms and Conditions](#), conditions stipulated in Bid and [Service Level Agreement](#) specific to this Service as provided in the Marketplace. However in case if any condition specified in सामान्य नियम और शर्तें/General Terms and Conditions is contradicted by the conditions stipulated in Service Level Agreement, then it will over ride the conditions in the General Terms and Conditions.

जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्यवाई का आधार होगा।/In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---धन्यवाद/Thank You---

