

ONLINE TENDER INVITATION FOR PROCUREMENT OF IP/NETWORK BASED CCTV SURVEILLANCE SYSTEM AT NATIONAL INSURANCE COMPANY LIMITED, HEAD OFFICE, KOLKATA

Last date of Submission: 1 PM on 18-06-2024

Tender Opening: 3 PM on 18-06-2024

Tender Reference: NIC/IT/RFP/16/2024/CCTV

Requirement: PROCUREMENT OF IP/NETWORK BASED CCTV SURVEILLANCE SYSTEM AT NATIONAL INSURANCE COMPANY LIMITED, HEAD OFFICE, KOLKATA

Technical Bid: Annexure-A

Commercial Bid: Annexure-B

Address for communication and dropping Hard Copy:

DGM-IT,
National Insurance Co. Ltd.,
Head Office, Premises No. 18-0374, Plot no.CBD-81,
New Town, Kolkata-700156

Tender Document can be downloaded from <https://nationalinsurance.nic.co.in>, GEM Portal and CPP portal from 5th June, 2024

National Insurance Co. Ltd., Head Office invites tender offers from eligible bidders for Procurement of IP/Network based CCTV Surveillance System at National Insurance Company Limited, Head Office, Kolkata as per the specifications and details given in Annexure – A.

Details are as follows:

- The offer shall be given in a sealed Covers, by marking “**Procurement of IP/Network based CCTV Surveillance System at National Insurance Company Limited, Head Office, Kolkata**”.
- It will be a two-packet bidding system with Reverse Auction.
- The documents should be signed by the authorized official.
- Commercial Bid will be considered only when the Eligibility criteria (Refer Point no.1 of Terms and Conditions) is met and Technical Bid (ANNEXURE A) is complied with, or else commercial bid shall not be considered and bid will be rejected.
- Any bid incomplete in any respect will not be considered and shall be rejected.

TERMS AND CONDITIONS OF THE TENDER

1. Technical Eligibility Criteria:

- a) The bidder should be **Original Equipment Manufacturer (OEM) or Authorized Channel partner of the manufacturer holding authority from the OEM to deal with the National Insurance Company Limited on behalf of the manufacturer**, for the products quoted for. This shall be supported by appropriate MAF as documentary proof with competent authority, having Power of Attorney (POA) from OEM. The Bidder should be **capable of delivering and installing the systems specified in this RFP within Eight weeks** at NIC Head Office, Kolkata from the date of issue of the Purchase Order.
- b) Bidder must be valid empanelled Vendor of NIC for Part- A. Empanelled Letter needs to be submitted for the same.
- c) Manufacturer Authorization Form (MAF), as per attached Annexure-C should be submitted along with the Bid.
- d) The bidder must have an office in Kolkata.
- e) Self-attested BOM (Technical specifications) as provided in the Annexure- A, should be submitted along with the Bid. Technical Specifications of all CCTV Camera (Dome & Bullet), Network Video Recorder (NVR), Monitor/Display, Network Device/Components should be verified by the OEM Letter Head.
- f) Bidder has to submit declaration for Conflict of Interest in their letter head at time of submitting bid as per format given below in Annexure-D
- g) Bidder has to submit self-declaration in their letter head at the time of submitting bid where they have to agree to all points mentioned pertaining to reverse auction process.
- h) ‘Bidders’ and ‘Suppliers/Authorized Channel Partners’ who have failed to execute any purchase order issued by NIC, in last 5 financial years (2018-19, 2019-20, 2020-21, 2021-22 and 2022-23) are not eligible to participate in this tender exercise. Declaration needs to be submitted.
- i) The bidder and OEM should not be blacklisted by any PSU/ Govt./ State Govt./ Govt. departments in any of the last 5 financial years (2018-19, 2019-20, 2020-21, 2021-22 and 2022-23). Self-declaration to be submitted by OEM and Bidder.
- j) All Camera and NVR must be in compliance with BIS certifications. BIS certificate should be on name of quoted OEM factory in India. It shall Copy of the BIS certificates indicating the make and Model of the Camera offered shall be submitted.
- k) OEM Should submit the certificate of Warranty for 3 years of the quoted models. Documents need to be submitted as per format given in Section 5 of this RFP.
- l) OEM needs to submit declaration mentioning that the quoted product having minimum life of 5 years from date of issuing PO.
- m) OEM needs to submit declaration of Undertaking of Authenticity for IP/Network Based CCTV Surveillance Systems FOR EACH items and software supplied under this RFP as per format mention in Section 6.
- n) OEM should have own online-dedicated CCTV support center available during working hours and a fully equipped

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- repair and maintenance office in Kolkata. (Documents need to be submitted).
- o) CCTV OEM should have its own company registered in India (under Incorporation of Companies Act, 1956/ 2013) should have presence in India for the past 10 years. Any representation through a Dealer/Distributor shall not be treated as OEM. This has to be supported by necessary statutory documents.
 - p) OEM should have own factory in INDIA with ISO 9001:2008 and ISO 14001:2004 and ISO 45000 for manufacturing process. Documents needed to be attached along with the bid.
 - q) The OEM or its brand should not have been blacklisted the support by ONVIF. Rather Quoted OEM or its brand should be full time member of ONVIF. The quoted product should be in ONVIF conformant list before the tender release date.
 - r) Tender Fees of Rs. 5,000/- and EMD of Rs. 50,000/- needs to be submitted along with the bid in form of DD in favour of National Insurance or through NEFT in mentioned Bank Account:

Name as per Bank Account	: National Insurance Company Limited Bank
Account Number	: 6762010554
Type of Account	: Current Account
Name of the Bank	: Indian Bank
Name of the Branch	: Russell Street, Kolkata – 700071 MICR
Number of the Branch	700019018
IFSC No. of the Branch	: IDIB000R024

- This RFP Document is not transferable.
- Non-furnishing of Earnest Money Deposit along with the bid will disqualify the Bidder and his bids will not be entertained.
- The EMD amount submitted by the bidder will be returned without any interest to unsuccessful bidders after issuance of purchase order to the successful bidder.
- For the successful Bidder the EMD amount, without any interest, will be refunded on submission of Performance BG as Security Deposit which will not carry any interest till AMC period is completed. The Performance Guarantee should be as per format given in Annexure E.

Please note that Bidder has to submit bids in both online and offline mode. Non-submission of any one, may result to the rejection of entire bid.

Note: SSI Units registered with NSIC and MSME can avail the following benefit on submission of relevant certificate:

Exemption from payment of EMD (Earnest Money Deposit) and Tender Fee.

Note: Only Micro and Small Enterprises (MSEs) as defined in MSE Procurement Policy issued by department of Micro, Small and Medium Enterprises (MSME) are exempt from submission of EMD (Bid Security) and tender fees. Bidders claiming exemption of EMD under this rule (170 of GFR) are however required to submit a signed Bid securing declaration accepting that if they withdraw or modify their Bids during the period of validity, or if they are awarded the contract and they fail to sign the contract, or to submit a performance security before the deadline defined in the request for bids document, they will be suspended for the period of 12 months from being eligible to submit bids. Non submission against the same at bids submission stage, will disqualify the bidder. Certificate needs to be produced.

General Terms and Conditions of E-Reverse Auction:

NIC will resort to “E-Reverse Auction procedure” i.e. online bidding on GeM Portal. Details for the same may be downloaded from GeM portal against the said RFP.

1. Reverse Auction is enabled in this bid.
2. For the proposed Reverse Auction, technically and commercially acceptable qualified bidders only shall be eligible to participate.
3. Techno commercially qualified bidders will participate in RA after successfully evaluation of commercial bid.
4. NIC will utilize the services of GeM for the online bidding and reverse auction through GeM Portal.

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5. Bidders will be notified through GeM Portal for e-Reverse Auction event.
6. Reverse Auction will be conducted after opening of commercial bid.
7. At the end of Reverse Auction event, the lowest bidder value will be made known on the network.
8. The L1 bidder after RA has to submit hard copy duly signed filled-in prescribed format (if required by NIC) as provided on case-to-case basis to NIC within 24 hours (Twenty Four) of Reverse Auction without fail. If not submitted, bids will be rejected.
9. GEM condition will prevail.

The Reverse Auction will be treated as closed only when the bidding process gets closed in all respects for the item listed in the tender.

The successful bidder have to enter into a contract with National Insurance Company Limited within 14 working days of NIC from the date of receiving of purchase order. Failure to enter into Contract may result in cancellation of the Purchase Order. Once the contract is signed by both the parties, Bidder needs to get the contract notified and submit to NIC within 5 working days from signing the contract.

1.1 Other Conditions:

- i. Bids without proper authorization from the OEM (in case the Bidder is not the OEM) shall be treated as non-responsive and shall be rejected forthwith.
- ii. A bid determined not substantially responsive will be rejected by the purchaser and cannot be made subsequently responsive.
- iii. No consideration will be given to a bid received after the date and time stipulated by NIC and no extension of time will be permitted for submission of Bids. However, NIC reserves the right to extend the last date and time for submission of the bids at its own discretion.
- iv. Canvassing/misleading information in any form in connection with Bids is strictly prohibited and Bids submitted by bidders who resort to these types of activities are liable to be rejected.
- v. NIC reserves the right to call for any clarification from any/all Bidder during the evaluation of the bids. However, no other correspondence on bids will be entertained.
- vi. No price variation / adjustment, explanation, correction or any other escalations will be entertained.
- vii. Over-writing without proper authentication is not permitted in filling up the bids and may entail rejection of the bids.
- viii. 50% of commercially qualified bidders (Starting from L1) will be allowed to participate in RA. However, GEM condition will prevail.
- ix. RA will start immediately after commercial bid evaluation and will be valid for 48hours.
- x. Participated bidders will be notified through GeM for Reverse Auction.
- xi. Maximum 5 number of auto extension is allowed during participation in RA.
- xii. The products and price offered cannot be withdrawn by the bidder from GeM during the bid validity period.
- xiii. During Reverse auction, Start / Reference Price and Step Value of Decrement will be indicated to the Bidders at the start of the auction through GeM portal. Any participating bidder can bid one or multiple Step Decrement lower than the prevailing Lowest Bid at that time.
- xiv. The Bidder shall be able to view Bid Start Price, Bid Decrement Value, Prevailing Lowest Bid value and last Bid Placed by him.
- xv. Whenever a lower price bid is received in the closing moment i.e. within 15 minutes of existing end time of Reverse Auction, the end time of reverse auction will be extended automatically by another 15 minutes. All participant sellers of that RA shall be notified by the GeM system about extension of time through email and/or SMS and they shall be allowed to submit revised bid under the RA. The same process shall be repeated, if there is another lower bid received in the RA during last 15 minutes of RA.

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- xvi. NIC will not have any liability to bidders for any interruption or delay in access to the GeM site / Reverse Auction link etc, irrespective of the cause.

NATIONAL INSURANCE COMPANY LIMITED DOES NOT BIND ITSELF TO ACCEPT ANY BID AND RESERVES THE RIGHT TO ACCEPT/REJECT ANY BID WITHOUT ASSIGNING ANY REASONS THEREOF.

Note: Bidder has to submit self-declaration in their letter head at time of submitting bid where they have to agree to all points mentioned above pertaining to reverse auction process.

2. Payment Terms: National Insurance Co. Ltd., will make on basis through NEFT/RTGS upon submission of hard copy of invoices as mentioned below: No advance payment will be made by NIC.

NIC will pay 70 % of the Purchase Order Amount of IP/Network Based CCTV Surveillance Systems against full delivery of all CCTV and other related items like accessories and manuals at NIC Head Office, 1st Floor, Front Tower and 2nd Floor, Rear Tower to the successful Bidder against submission of the following documents:

- a) A copy of Signed Notified Contract.
- b) Invoice (with reference of Purchase Order / advice for execution, description of IP/Network Based CCTV Surveillance Systems delivered, quantity, unit price, total amount)
- c) Delivery Challan
- d) 'Proof of Delivery' in original for respective locations stamped and signed by both the Bidder's representative and NIC official with official Seal and Date.
- e) 'Proof of No Short Shipment' in original for respective locations stamped and signed by both the Bidder's representative and NIC official with official seal along with date.
- f) Letter from the Bidder/s confirming that there has been no fall in prices between the date of submission of bid under this RFP and the date of delivery of the components in the respective locations of NIC.
- g) Software Licenses for Utility / System Software, if any.
- h) Original manuals, media, licenses of hardware / software and all relevant accessories as may be required.
- i) No Dues Certificate (i.e., indemnifying the Purchaser that the supplied items or services do not bear any dues from any other sources, whatsoever).
- j) Certificate Indemnifying the Purchaser by the Bidder regarding Violation of Copyright and Patents.
- k) Certificate regarding undertaking of authenticity for IP/Network Based CCTV Surveillance Systems supplied from/by OEM.

1.13.2 The balance 30 %(Thirty) of the purchase order amount shall be paid by NIC to the successful Bidder/s against submission of the following:

- a. A Performance Guarantee of 3% of the Contract Value in the form of BG covering the entire warranty period of 3 (Three) years from the actual last date of installation of last unit of IP/Network Based CCTV Surveillance Systems under this purchase order of this RFP.
- b. Successful Installation and Commissioning of the IP/Network Based CCTV Surveillance Systems within the scheduled installation period.
- c. Installation Report/ Certificate, in original, duly signed with date and stamped by the Bidder and NIC official/s where the IP/Network Based CCTV Surveillance Systems have been delivered. Serial Numbers of the CCTV and other Components must be specified in the Installation Report.

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- d. If the site is not ready, the Site Not Ready (SNR) Certificate [as per the format attached to PO] must be taken from authorized official of NIC. In such case, penalty clause will not be imposed as per the LD Clause & payment will be processed.
- e. Invoice for balance amount
- f. Software Licenses for Utility / System Software, if any.
- g. Original manuals, media, licenses of hardware / software and all relevant accessories as may be required.

3. Others:

- a) The offer must be made in Indian Rupees only, all costs should be given in figures and words. No upward revision of price will be acceptable even if any changes or fluctuation in rupee dollar rates.
- b) There shall be no deviation from the specified technical specifications given in ANNEXURE-A. The bid which deviates from the given minimum technical specifications will be rejected.
- c) The bids will be opened through GEM Portal at 15:00 Hrs on 18-06-2024
- d) Price for the items shall be quoted as per the Annexure-B.
- e) L1 will be decided through reverse auction.
- f) Documentary proofs regarding eligibility criteria (Refer Point 1) must be enclosed or else bid shall be rejected.
- g) NIC reserves the right to extend/modify the last date/time for submission of bids and cancel the bid anytime.
- h) Performance Guarantee of 3% of Contract Value in the form of BG attached as Annexure-E covering the entire warranty period from the last date of installation and commissioning of last unit of CCTV should be furnished by the successful Bidder/s in favor of NIC within two weeks from the issue of the purchase order. The signed Contract should be submitted to NIC within two weeks from the issue of the purchase order. Once the contract is signed by both the parties, Bidder needs to get the contract notary and submit to NIC within 5 working days from signing the contract.

4. Penalty Clause (Applicable during Warranty/AMC Period):

Any device that is reported to be down on any day should be attended as follows:

Location	Response Time (in Hours)	Resolution Time (In Hours)
Head Office, Kolkata	6	16 working hours for minor breakdown/fault and 24 working hours for major breakdown/fault.

Failure to comply with the above conditions will attract penalty as follows:

- a) Penalty for call resolution within first two working days beyond above permissible period 0.25 % of contract value per NIC working day per call.
- b) Penalty for call resolution after first two working days beyond above permissible period: @ 0.50% of contract value per NIC working day per call.
- c) In case the penalty as per the above mentioned rates crosses 4 days cumulative penalty, for any call, NIC may consider the cancellation of contract.

The supplier will submit, to NIC Head Office, Quarterly Call Resolution Report together with individual Call Resolution Sheets duly signed by the concerned NIC officials.

5. FORMAT OF WARRANTY

This free of charge warranty shall start and shall remain valid for 36 months from the date the IP/Network CCTV Surveillance Systems have been delivered and installed, commissioned, tested and accepted.

We warrant that everything to be supplied by us hereunder shall be brand new, free from all encumbrances, defects and faults in material, workmanship and manufacture and shall be of the highest grade and quality and consistent with the established and generally accepted standards for materials of the type ordered shall be in full conformity with the specifications, drawings of samples, if any, and shall operate properly. We shall be fully responsible for its efficient and effective operation. This warranty shall survive inspection of and payment for, and acceptance of the IP/Network CCTV Surveillance Systems, but shall expire on completion of 36 months after their successful installation and acceptance by the purchaser.

The obligations under the warranty expressed above shall include all costs relating to labor, spares, maintenance (preventive and unscheduled), and transport charges from site to manufacturer's works and back for their repair/adjustment or replacement at site of any part of the equipment which under normal care and proper use and maintenance proves defective in design, material or workmanship or fails to operate effectively and efficiently or conform to the specifications and for which notice is promptly given by the Purchaser to the Supplier.

Moreover, we agree to warranty clauses given in the RFP Document.

Signature of Witness

Signature of Bidder

Dated:

Dated:

Place:

Seal :

6. Undertaking of Authenticity for IP/Network Based CCTV Surveillance Systems FOR EACH items and software supplied under this RFP

The OEM shall submit an undertaking in the format given below: Sub:

Delivery & Installation of IP/Network Based CCTV Surveillance

Systems: RFP No.----- dated-----

With reference to the IP/Network Based CCTV Surveillance Systems, FOR EACH IP/Network Based CCTV Surveillance Systems & Software's being supplied/quoted to you vide RFP no. Cited above, we hereby undertake that all the components/parts/assembly/software used in the IP/Network Based CCTV Surveillance Systems, FOR EACH IP/Network Based CCTV Surveillance Systems & Software under the above like IP/Network Based CCTV Surveillance Systems shall be original, new components/parts/assembly/software only, the products and that no refurbished/duplicate/second hand components/parts/assembly/software are being used or shall be used.

We (Name) also take full responsibility of both Parts and warranty service SLA as per the content even if there is any defect by our authorized Service Centre/Reseller/SI etc.

Signature of Witness

Signature of Bidder

Dated:

Dated:

Place:

Seal :

Annexure-A

Minimum Technical Specifications:

FRONT TOWER, 1ST FLOOR A & B WING		
S/No.	Item Description	Qty.
1	6MP Vandal proof Dome Camera with 40 mtr.IR, With Audio & SD Card enabled, With Human Tracking & Vehicle tracking features Lens size is 2.8mm/4mm	6 Nos.
2	6MP Bullet Camera with 40 mtr.IR, With Audio Port(External)& SD Card enabled, With Human Tracking & Vehicle tracking features Lens size is 4mm/6mm	8 Nos.
3	32 Channel NVR With 8 SATA Port, Each Port support up to 16TB, RAID 5,RAID 10	1 No.
4	16-Port Gigabit Easy Smart PoE+ Switch with 2 SFP Slots	2 Nos.
5	10TB Surveillance HDD	8 Nos.
6	42.5" Surveillance LED Monitor	1 No.
7	HDMI Cable (5 Mtr.)	1 No.
8	CAT 6 Cable (305 Mtr. Drum)	3 Box
9	RJ 45 Connector (100 Pcs.)	3 Box
10	5"x5" PVC Junction Box	14 Nos.
11	4U Loaded Networking Rack	1 No.
12	6U Loaded Networking Rack	1 No.
13	8-Port Gigabit Desktop Switch	1 No.
14	Cable Laying with required accessories	1525 Mtr.
15	NVR, Camera, Networking Switch, PoE Switch Installation & Configuration	1 Job

REAR TOWER, 2ND FLOOR		
S/No.	Item Description	Qty.
1	6MP Vandalproof Dome Camera with 40 mtr.IR, With Audio & SD Card enabled, With Human Tracking & Vehicle tracking features Lens size is 2.8mm/4mm	10 Nos.
2	32 Channel NVR With 8 SATA Port, Each Port support up to 16TB, RAID 5,RAID 10	1 No.
3	16-Port Gigabit Easy Smart PoE+ Switch with 2 SFP Slots	1 No.
4	42.5" Surveillance LED Monitor	1 No.
5	HDMI Cable (5 Mtr.)	1 No.
6	10TB Surveillance HDD	8 Nos.
7	RJ 45 Connector (100 Pcs.)	1 Box
8	5"x5" PVC Junction Box	10 Nos.
9	6U Loaded Networking Rack	1 No.
10	8-Port Gigabit Desktop Switch	1 No.
11	NVR, Camera, Networking Switch, PoE Switch Installation & Configuration	1 Job

32 Channel 8 HDD NVR with RAID Supported (For Front Tower, 1 st Floor, A & B Wing and Rear Tower 2 nd Floor)		
Sr no	Feature	Requirement
1	Video Input	32 CH or higher
2	Audio Input	1-ch, 3.5mm
3	Incoming Bandwidth	320Mbps or higher
4	Outgoing Bandwidth	200 Mbps or higher
5	Mobile Software	P2P/IP for IOS& Android
6	Protocols	TCP/UDP/HTTP/ MULTICAST/ UPnP/ DHCP/PPPoE/DDNS/ FTP/NTP/ RTSP/S MTP/SADP/SNMP Etc
7	Email	Activated by Alarm
8	ANR	Y
9	N+M	Y
10	Remote Connection	Y
11	Browser	Support all browsers, including IE, Safari, Chrome, Edge. (H.265 only supports configuration in non-IE kernel browsers)
12	Advanced	Up to 10TB Capacity for Each HDD (0~45°C)
13	HDMI Output	Resolution:3840×2160 (4K) ,2560×1440 (2K), 1920×1080, 1280×720;
14	VGA Output	Resolution 1920×1080, 1280×720, 1024×768 Adjustable Output mode, Self-adaptive Resolution
15	Audio Output	1-ch BNC ,1-ch 3.5mm
16	Recording Resolution	12MP/8MP/ 6MP/ 5MP/4MP/3MP/ 1080P/UXGA/720P/VGA /4CIF/DCIF/ 2CIF/CIF /QCIF
17	Synchronous Playback	4-ch 4K/16-ch 1080P/720P/4CIF
18	Display Split	1/3/4/6/8/9/10/13/16
19	Compression	H.265 / H.264
20	Preview	Capability 4-ch 4K/16-ch 1080P
21	E-Zoom	Y
22	SATA	8 SATA for 8 HDDs
23	eSATA	Y
24	Capacity	Up to 10TB Capacity for Each HDD (0~45°C)

25	HDD Management	Group and Quota, Customized Recording Days
26	RAID Mode	RAID0, RAID1, RAID5, RAID6, RAID10
27	RAID Management	One-key Configuration, and Support Manual and Auto Rebuild
28	HDMI Output	1Ch
29	VGA Output	1Ch
30	Network Interface	2X RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces
31	Serial Interface	1X RS-485, 1X RS-232
32	USB Interface	1x USB3.0, 2x USB2.0
33	Alarm	In/Out 16/4
34	Smart Search	Quickly Search Target VCA Videos, Only for Private Protocol
35	Trigger Recording	Manual/Timing/Motion Detection/Port Alarm/ VCA Alarm/Video Lost/Video Mask
36	Smart Recording	Set Recording Bit Rate for Different Time
37	Alarm Recording	Pre-Alarm Default 10s (5/10/15/60s Optional), Post Alarm Default 10s (10/15/30/60/600s Optional)
38	One Key Control	Intercom/ two-way audio, Recording, one key adds
42	Records Format	AVI/ MP4 or equivalent
43	Records Encryption	Y
44	Records Tag	Y
45	Onvif	Onvif (Profile S)
46	Language	English
47	Power Supply	AC100~240V,50/60HZ
48	Consumption (without HDD)	≤ 80W
49	Working Temperature	"-10 °C ~ +55 °C (+14 °F ~ + 131 °F)"
50	Working Humidity	10 % ~ 90 %
51	Chassis	2U

Fixed Lens Network Dome Camera (6MP)
(For Front Tower, 1st Floor, A & B Wing and Rear Tower 2nd Floor)

Sl. No.	Technical Specification:	
1	Image Sensor	1/2.4" Progressive Scan CMOS or higher
2	Min. illumination	Color: 0.003Lux (AGC On), 0 Lux with IR
3	Preferred recording Resolution	6MP (3200 × 1800) @ 20fps
4	Day & Night	IR Cut Filter
5	Shutter speed	1/3 s to 1/100,000 s
6	Digital Noise Reduction	3D DNR
7	WDR	120dB True WDR
8	Lens	2.8, 4 and 6 mm as per site requirement
9	Focal Length & FOV	horizontal FOV 105°, vertical FOV 55°, diagonal FOV 127°
10	IR range	min. 40m IR or higher
11	Streaming Type	Should support Four streams

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		<p>Main: 20 fps (3200 × 1800), 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3200 × 1800), 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)</p> <p>Sub Stream: 50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)</p> <p>Third Stream: 50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)</p>
12	Video Compression	H.265, H.264, H.264+, H.265+
13	Bit Rate Control	CBR/VBR
14	Scalable Video Coding (SVC)	H.264 and H.265+ encoding
15	Audio Compression	G.711ulaw / G.711alaw / G.722.1 / G.726 / MP2L2 / PCM / MP3 / AAC
16	Image Enhancement	BLC, HLC, 3D DNR, 120dB WDR, ROI, Defog (5 fixed regions for main stream and sub-stream), 4 programmable polygon privacy masks, Auto-White Balance
17	Image settings	Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or web browser
18	Day/Night Switch	Day, Night, Auto, Schedule
19	Network Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SFTP, ARP, SNMP, WebSocket, WebSocket's, SRTP
20	API	Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), SDK
21	Simultaneous Live View	6 channels
22	User Host	25 users. 3 user levels: administrator, operator and user
23	Built-in Microphone	Supported
24	Edge base Recording & Network storage	Built-in Micro SD/SDHC/SDXC slot, (512 GB or better), NAS (NFS, SMB/CIFS), auto network replenishment (ANR)
25	Preferable analytics	Line crossing detection, intrusion detection, region entrance detection, region exiting detection (support alarm triggered by specified target types (human and vehicle), scene change detection, audio exception detection, defocus detection, Face Capture, People Counting
26	Ethernet Port	1 x RJ45 10M/100M Ethernet port
27	Audio interface	1-in/ 1-out
28	Alarm I/O	1-in/1-out
29	Power Supply	DC12V, PoE (802.3at /af)
30	Operating Conditions	-30° C ~ + 60° C
31	Ingress Protection	IP67

32	Certifications	CE, FCC, BIS, RoHS, UL
33	Make/ Model	To be mentioned by the bidder
Camera & NVR should be from same OEM for smooth integration.		

Fixed Lens Network Bullet Camera (6MP) (For Front Tower, 1 st Floor, A & B Wing)		
Sl. No.	Technical Specification :	
1	Image Sensor	1/2.4" Progressive Scan CMOS or higher
2	Min. illumination	Color: 0.003Lux (AGC On), 0 Lux with IR
3	Preferred recording Resolution	6MP (3200 × 1800) @ 20fps
4	Day & Night	IR Cut Filter
5	Shutter speed	1/3 s to 1/100,000 s
6	Digital Noise Reduction	3D DNR
7	WDR	120dB True WDR
8	Lens	2.8, 4 and 6 mm as per site requirement
9	Focal Length & FOV	horizontal FOV 78°, vertical FOV 38°, diagonal FOV 96°
10	IR range	min. 40m IR or higher
11	Streaming Type	Should support Four streams
		Main: 20 fps (3200 × 1800), 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3200 × 1800), 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
		Sub Stream: 50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)
		Third Stream: 50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)
12	Video Compression	H.265, H.264, H.264+, H.265+
13	Bit Rate Control	CBR/VBR
14	Scalable Video Coding (SVC)	H.264 and H.265+ encoding
15	Audio Compression	G.711ulaw /G.711alaw/ G.722.1/ G.726/ MP2L2/ PCM/ MP3 /AAC
16	Image Enhancement	BLC, HLC, 3D DNR, 120dB WDR, ROI, Defog (5 fixed regions for main stream and sub-stream), Auto-White Balance
17	Image settings	Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or web browser
18	Day/Night Switch	Day, Night, Auto, Schedule
19	Network Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SFTP, ARP, SNMP, WebSocket, WebSockets, SRTP

20	API	Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), SDK
21	Simultaneous Live View	6 channel
22	User Host	25 users. 3 user levels: administrator, operator and user
23	Edge base Recording & Network storage	Built-in Micro SD/SDHC/SDXC slot, (512 GB or better) , NAS (NFS, SMB/CIFS), auto network replenishment (ANR)
24	Preferable analytics	Line crossing detection, intrusion detection, region entrance detection, region exiting detection (support alarm triggered by specified target types (human and vehicle)), scene change detection, audio exception detection, defocus detection, Face Capture, People Counting
25	Ethernet Port	1 x RJ45 10M/100M Ethernet port
26	Audio interface	1-in/ 1-out
27	Alarm I/O	1-in/1-out
28	Power Supply	DC12V, PoE (802.3at /af)
29	Operating Conditions	-30° C ~ + 60° C
30	Ingress Protection	IP67
31	Certifications	CE, FCC, BIS, RoHS, UL
32	Make/ Model	To be mentioned by the bidder
Camera & NVR should be from same OEM for smooth integration.		

16 Port PoE Switch (For Front Tower, 1 st Floor, A & B Wing and Rear Tower 2 nd Floor)		
Sl. No.	HARDWARE FEATURES:	
1	Standards and Protocols	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at, IEEE 802.1q, IEEE 802.1p
2	Interface	16 10/100/1000 Mbps RJ45 Ports (Auto Negotiation/Auto MDI/MDIX) 2 Gigabit SFP Ports
3	Network Media	<ul style="list-style-type: none"> • 10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) • EIA/TIA-568 100Ω STP (maximum 100m) • 100BASE-TX: UTP category 5, 5e cable (maximum 100m) • EIA/TIA-568 100Ω STP (maximum 100m) • 1000BASE-T: UTP category 5, 5e, 6 or above cable (maximum 100m) • EIA/TIA-568 100Ω STP (maximum 100m) • 1000BASE-X MMF, SMF
4	Fan Quantity	2 Fans
5	Physical Security Lock	Yes
6	Power Supply	100–240V AC, 50/60 Hz
7	PoE+ Ports(RJ45)	Standard: 802.3at/802.3af compliant PoE+ Ports: 16 Ports Power Supply: 250W
8	Dimensions (W x D x H)	17.3 × 7.1 × 1.7 in (440 × 180 × 44 mm)
9	Mounting	Rack Mountable
10	Max Power Consumption	18.73 W (220/50Hz. no PD connected) 217.22 W (220/50Hz. with 250W PD connected)

11	Max Heat Dissipation	63.89 BTU/h (no PD connected) 741.15 BTU/h (with 250W PD connected)
12	Operating temperature	-10 °C to 55 °C (14 °F to 131 °F)
<u>PERFORMANCE:</u>		
13	Switching Capacity	36 Gbps
14	Packet Forwarding Rate	26.78 Mbps
15	MAC Address Table	8K
16	Packet Buffer Memory	4.1 Mbit
17	Jumbo Frame	10 KB
18	Packet Forwarding Rate	26.78 Mbps
19	MAC Address Table	8K
20	Packet Buffer Memory	4.1 Mbit
<u>SOFTWARE FEATURES:</u>		
21	Quality of Service	<ul style="list-style-type: none"> • Support Port-based 802.1p/DSCP priority • Support 4 priority queues • Rate Limit • Storm Control
22	L2 Features	<ul style="list-style-type: none"> • IGMP Snooping V1/V2/V3 • Static Link Aggregation • Port Mirroring • Cable Diagnostics • Loop Prevention • PoE Auto Recovery
23	VLAN	<ul style="list-style-type: none"> • Support up to 32 VLANs simultaneously (out of 4K VLAN IDs) • MTU/Port/Tag VLAN
24	Management	<ul style="list-style-type: none"> • Web-based GUI • Easy Smart Configuration Utility
25	Transmission Method	Store-And-Forward
<u>OTHERS:</u>		
26	Certification	CE, FCC, RoHS
27	Package Contents	Power Cord Installation Guide Resource CD Rack mount Kit Rubber Feet
28	Environment	<ul style="list-style-type: none"> • Operating Temperature: 0–50 °C (32–122 °F) • Storage Temperature: -40–70 °C (-40–158 °F) • Operating Humidity: 10–90% RH non-condensing • Storage Humidity: 5–90% RH non-condensing

8 Port Desktop Network Switch (For Front Tower, 1st Floor, A Wing and Rear Tower 2nd Floor)		
Sl. No.	HARDWARE FEATURES:	
1	Standards and Protocols	IEEE 802.3i/802.3u/ 802.3ab/802.3x
2	Interface	8 10/100/1000Mbps RJ45 Ports AUTO Negotiation/AUTO MDI/MDIX
3	External Power Supply	External Power Adapter (Output: 9VDC/0.6A)
4	Dimensions (W x D x H)	7.1 * 3.5 * 1.0 in. (180 * 90 * 25.5 mm)
5	Max Power Consumption	4.63W(220V/50Hz)
6	Max Heat Dissipation	15.80BTU/h
7	Switching Capacity	16 Gbps
8	Jumbo Frame	15 KB
	SOFTWARE FEATURES:	
9	Transfer Method	Store and Forward
10	MAC Address Table	4K
11	Advanced Functions	Green Technology 802.3X Flow Control Back Pressure 802.1p/DSCP QoS (for V7 and later version)
	OTHERS:	
12	Certification	FCC, CE, RoHs
13	Package Contents	8-Port Gigabit Desktop Switch Power Adapter Installation Guide
14	Environment	Operating Temperature: 0°C~40°C (32°F~104°F) Storage Temperature: -40°C~60°C (-40°F~140°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing

U/UTP Cat6 PVC 23 AWG Cable (For Front Tower, 1 st Floor, A & B Wing)		
Category	Cat.6	
Sheath printing	4PR 23AWG 75°C U/UTP CAT6 VERIFIED TO ANSI/TIA-568-C.2 PVC ****m mm/dd/yyyy Tracing Code-HS	
Reference standard	ISO/IEC11801, ANSI/TIA-568-C.2, RoHS 2.0	
Fire resistance	No	
Conductor	Material	Solid-Bare Copper (99.95%)
	Diameter	0.55 ± 0.005 mm, 23 AWG
Insulation	Material	HDPE
	Diameter	0.98 ± 0.05 mm
Sheath	Thickness	0.50 ± 0.10 mm
	Diameter	6.00 ± 0.30 mm
	Material	PVC
	Color	Grey
Rip-cord	Yes	
Separator	Yes	
Sheath physical properties	Before aging	Tensile strength ≥ 13.5 Mpa Elongation ≥ 150%
	Aging period	100°C × 24h × 10d
	After aging	Tensile strength ≥ 12.5 Mpa Elongation ≥ 125%
	Cold bend	-20 ± 2°C × 4h, 8 × cable O.D, no visible cracks
Electrical Characteristics (20°C)	1.0-250.0 MHz impedance	100 ± 15 Ω @ ≤ 100 MHz 100 ± 25 Ω @ 100-250 MHz
	1.0-250.0 MHz delay skew	≤ 45 ns/100 m
	DC resistance	≤ 9.38 Ω/100 m
	DC conductor resistance unbalance	≤ 5.0%
	Package dimension	400 mm (W) × 400 mm (H) × 240 mm (D (15.75" × 15.75" × 9.45"))
	Weight	12.3 ± 0.5kg
	Cable length	(305 ± 1.5) m
	Ambient temperature	-20°C to 75°C (-4°F to 167°F)
	Operating voltage	60 V

42.5" LED Surveillance Monitor (For Front Tower, 1st Floor, A Wing and Rear Tower 2nd Floor)	
Backlight	D-LED Backlight
Screen Size	42.5 inch
Pixel Pitch	0.49(H)mm * 0.49(V) mm
Max Resolution	1920 * 1080 @60Hz
Brightness	360 cd/m ² (typ.)
Contrast	1200:1(typ.)
Response Time	8ms
Color	16.7M
Active Area	940.896 (H) × 529.254(V) mm
Viewing Angle	Horizontal 178°, Vertical 178°
Interfaces	HDMI 1 VGA 1 Audio In 1
Power Supply	100 to 240 V AC, 50/60Hz
Power Consumption	≤75W
Standby Power Consumption	0.5W
Loudspeaker	5W * 2
Working Temperature	5°C ~ 40°C
Working Humidity	20 - 80%RH (No Condensation)
Storage Temperature	-20°C ~ 60°C
Storage Humidity	10 - 90%RH (No Condensation)
Color of Casing	Black
VESA	M4 200mm*200mm
Dimensions (W*H*D)	968.18mm*562.99mm*76.8mm
Net Weight	8.2Kg
Accessories	Power cord 1 Battery 1 Remote Control 1 User manual 1 HDMI cable 1
Bracket	Pedestal Contain 1 Wall mounted 1
*Note	All specifications mentioned above are subject to the actual product

Other Accessories	
HDD	10 TB Surveillance Hard Disk Drive SATA (Approx. 40 Days of Rec.) (For Front Tower, 1st Floor, A & B Wing and Rear Tower 2nd Floor)
Networking Rack	6U Wall Mount Loaded Networking Rack with Standard Accessories (For Front Tower, 1st Floor, A & B Wing and Rear Tower 2nd Floor)
	4U Wall Mount Loaded Networking Rack with Standard Accessories (For Front Tower, 1st Floor, B Wing)
Mouse	Optical USB Mouse (For Front Tower, 1st Floor, A & B Wing and Rear Tower 2nd Floor)
Connector	RJ 45 Connector (For Front Tower, 1st Floor, A & B Wing)
Cable Laying Accessories	PVC Casing & Pipe, albo, screw, ext. (For Front Tower, 1st Floor, A & B Wing)
HDMI Cable	5 Mtr. HDMI Cable (For Front Tower, 1st Floor, A & B Wing and Rear Tower 2nd Floor)

Scope of Work:

“Supply, Installation, Testing, Commissioning & Maintenance with 03 (Three) years warranty & comprehensive of support of IP/Network based CCTV Surveillance System at National Insurance Company Limited, Head Office, IT Department, Front Tower, 1st Floor, Wing A & B and Rear Tower 2nd Floor, Premises No. 18-0374, Plot No. CBD-81, Rajarhat, New Town, Kolkata – 700156”

The System Integrator is responsible for end-to-end execution of the turnkey project from procurement of Hardware and Software Items, Installation, Testing, Commissioning and making necessary arrangement for feeding data from these cameras and analyzing the data through application and presenting the dashboard for easy decision making. The solution should also be capable of generating Status Report, duration of the day, date wise etc.

The SDK and API should be available for third party integration as on demand.

The System Integrator needs to conduct a periodic preventive maintenance of the entire system and prepare a Quarterly Report. A Quarterly periodic maintenance should be organized and report to be submitted concerned person at National Insurance Company Limited, Head Office, IT Department at Front Tower, 1st Floor, Premises No. 18-0374, Plot No. CBD-81, Rajarhat, New Town, Kolkata – 700156.

The National Insurance Company Limited may provide further AMC for period of 2 years to the existing System Integrator after satisfactory completion of 03 (Three) years project period.

The System Integrator will be responsible to setup in below mentioned place:

**National Insurance Company Limited, Head Office,
IT Department, Front Tower, 1st Floor, Wing A & B and Rear Tower, 2nd Floor,
Premises No. 18-0374, Plot No. CBD-81, Rajarhat, New Town, Kolkata – 700156**

Acceptance: After successful Delivery & Installation, Installation and Project Completion Reports prepared by System Integrator, signed and stamped by the authorized person of National Insurance Company Limited.

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National Insurance Company Limited Registered & Head Office: Premises No. 18-0374, Plot no.CBD-81, New Town, Kolkata-700156

Local Address:

Warranty: All Hardware component service items should have minimum warranty period of period i.e., 36 months from the date of Project Completion Reports signed by NIC. Within warranty period, entrusted OEM will replace, re-integrate faulty, buggy components.

System Integrator should do the preventive maintenance in every quarter and report to the concerned authority of National Insurance Company Limited.

Highlights:

- A) There must be 45 days storage facility under RAID 5 configuration with redundancy system.
- B) Consider Edge storage (Micro SD Card) within the camera as redundancy backup.
- C) Systems need to be provided UPS Power, which will provided by National Insurance Company Limited.
- D) All necessary access and permission for cable laying and installation of equipment including wall mounting will be provided by National Insurance Company Limited.
- E) Consider High Resolution 6 Megapixel IP Cameras with night vision feature enabled with other required equipment for General Surveillance.
- F) Consider Network Based Monitoring System through Client version with login credentials.
- G) Bidder has to take care of all Civil, electrical and other related works at their own risk for above mentioned items and ensure that NIC property should not get damaged.

The job description under the Warranty/Maintenance Contract:

1. Maintenance support will be comprehensive and onsite.
2. Breakdowns like natural calamities like Earthquake, Fire and Mishandling of the whole CCTV System will be out of warranty.
3. The System Integrator should arrange vehicles, machineries, tools & Tackles, Ladders & Scaffolding for maintenance work during the contract period maintaining all safety precaution.
4. During any type of minor fault, the System Integrator should inform the concerned authority of National Insurance Company Limited within 24 hrs. along with the plan of action for necessary rectification / resolution. The authority will take the decision about maximum permissible time for that particular rectification.

Delivery: All materials are to be delivered installed and commissioning within Eight weeks from the date of issuing PO at the **National Insurance Company Limited, Head Office, IT Department, 1st Floor, Wing A & B, Premises No. 18-0374, Plot No. CBD-81, Rajarhat, New Town, Kolkata – 700156** else 0.5% of Liquidated Damage for each week will be applicable on total contract Value.

Warranty Certificate: On successful installation, bidder to get installed equipment with actual serial numbers duly certified by respective OEM for three years warranty coverage. Any change in equipment serial number should be reflected in OEM website or OEM declaration in their Letter Head. Final bills will be submitted after completion of this activity.

- Whether Eligibility criteria as per Point no.1 of Terms and Conditions is met? (YES/NO)
- Whether Minimum Technical Specification and Scope of Work as per Annexure-A is met? (YES/NO)
- All the required documents related to Eligibility Criteria is submitted? (YES/NO)

Authorized Signatory

Name & Designation

Stamp:

Commercial Bid (Annexure-B)

Quotation for Procurement of IP/Network Based CCTV Surveillance			
Item Description	Total Price (Exclusive of taxes)	Tax Applicable	Total Price (Inclusive of taxes)
Procurement of IP/Network Based CCTV Surveillance as per BOM Attached in Annexure A	₹	₹	₹
Total Price In Rupees (Inclusive of taxes)		(Indian Rupees only)	

NOTE:

1. Commercial Bid will be valid only when the eligibility criteria (Refer Point no.1 of Terms and Conditions) is met and ANNEXURE-A is complied with, or else the commercial bid will not be considered.
2. Price discovered through GEM portal after reverse auction would be considered as final price.
3. National Insurance Co. Ltd., reserves the right to accept/reject any or all the offers without assigning any reason whatsoever.

Note: The L1 price would be decided on the basis of 'Total Price' as given in Annexure B after Reverse Auction.

Authorized Signatory

Name:

Designation:

Stamp:

PRICE SCHEDULE FOR OPTIONAL ITEM (Valid for Entire Contract Period) to be attached as PDF while submitting a commercial Bid.

Sr. No.	Items Description	UOM	Qty.	Unit Price (Rs.)
1.	6MP Vandalproof Dome Camera with 40 mtr.IR, With Audio & SD Card enabled, With Human Tracking & Vehicle tracking fetatures Lens size is 2.8mm/4mm	Nos.	1	
2.	6MP Bullet Camera with 40 mtr.IR, With Audio Port(External)& SD Card enabled, With Human Tracking & Vehicle tracking features Lens size is 4mm/6mm	Nos.	1	
3.	32 Channel NVR With 8 SATA Port, Each Port support up to 16 TB	Nos.	1	
4.	10TB Surveillance HDD	Nos.	1	
5.	16-Port Gigabit Easy Smart PoE+ Switch with 2 SFP Slots	Nos.	1	
6.	8-Port Gigabit Desktop Switch	Nos.	1	
7.	RJ 45 Connector (100 Pcs.)	Box	1	
8.	CAT 6 Cable (305 Mtr. Drum)	Roll	1	
9.	HDMI Cable (5 Mtr.)	Nos.	1	
10.	6U Rack	Nos.	1	
11.	4U Rack	Nos.	1	
12.	5"x5" PVC Junction Box	Nos.	1	
13.	Cable Laying with required accessories	Mtr.	1	
14.	Installation and Configuration	Nos.	1	

Signature of Witness

Signature of Bidder

Date :

Date :

Place:

Place:

POST WARRANTY ANNUAL MAINTENANCE CHARGES PER YEAR FOR 5TH AND 6TH YEAR to be attached as PDF while submitting a Bid.

Sl. No	Description of Equipment(s)	Annual Rate of AMC (%)
1	AMC Rate Post 3 years warranty period	In % of Original Hardware Contract value (Excluding Taxes)
	FOR 4th YEAR	
	FOR 5th YEAR	

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National Insurance Company Limited Registered & Head Office: Premises No. 18-0374, Plot no.CBD-81, New Town, Kolkata-700156
Local Address:

Signature of Witness

Date :

Signature of Bidder

Date :

Place:

Place:

Manufacturer Authorization Form (Annexure –C)

MANUFACTURER'S AUTHORIZATION FORM (MAF)

(Procurement of IP/Network based CCTV Surveillance System at National Insurance Company Limited, Head Office, Kolkata)

To

NATIONAL INSURANCE COMPANY LIMITED
Head Office: Premises No. 18-0374, Plot
no.CBD-81, New Town, Kolkata-700156

Dear Sir,

Sub: Tender No _____ for Procurement of IP/Network based CCTV Surveillance System at National Insurance Company Limited, Head Office, Kolkata'

We who are established and reputable manufacturers/service provider of..... Having factories at..... do hereby authorize M/s. (Name and Address of Supplier/Partner) to submit a bid of the following Products and/or services, resell, negotiate, participate in reverse auction process and conclude the contract for the supply requirement associated with the above RFP, in their own capacity.

When resold by Supplier / Partner, the quoted products are subject to manufacturer's standard support and warranty terms. In the event of Supplier / Partner, not being able to fulfil its obligations in respect of applicable standard warranty terms with respect to the quoted products/services, we will take reasonable steps with National Insurance Company Limited for execution pertaining to our products through another authorized partner, in accordance with tender technical requirements applicable to our portion of deliverables on the terms and conditions as may be mutually agreed between Dell EMC and National Insurance Company Limited.

Yours faithfully, (Name)

For and on behalf of

M/s.

Signature of Witness

Dated:

Place:

Signature of Manufacturer

Dated:

Place:

Sd./-Seal

Note: This letter of authority should be on the letterhead/certificate form issued by the manufacturing concern and should be signed by a person competent and having the Power of Attorney (POA) to bind the manufacturer.

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Annexure-D

Self-Declaration (To be signed on Bidder's Company Letter-Head)

Re: Declaration regarding Conflict of Interest (COI) in Public Procurement

We, hereby declare that the participation by our bidding firm (Bidder's Name) or any of our affiliates are neither involved in the consultancy contract to which this procurement is linked; nor we are part of more than one bid in the procurement; nor our bidding firm or our organization personnel have relationships or financial or business transactions with any official of Procuring Entity i.e. M/s National Insurance Company Limited who are directly or indirectly related to tender or execution process of contract; nor have access to information of (procuring entity name) to gain unfair advantage in the procurement process. We, also confirm that:

1. We, (Bidder's Name) or our constituent do not have common controlling shareholding or other ownership interest
2. Any constituent of us (Bidder's Name) is not a constituent of another bidder.
3. We, (Bidder's Name) do not have the same legal representation with any other bidder for the purpose of the bid.
4. We, (Bidder's Name) do not have any relationship with any other bidder that puts us in a position to allow access to each other's information or to influence the bid of any other bidder.
5. We, (Bidder's Name) have not participated in preparation of any document, design or technical specification for the project.

(Signed & Stamped from Bidder)

Annexure-E

"Bidder has to sign an Integrity pact as provided in the tender document, in original and should be submitted along with Pre-Qualification Bid in non-judicial stamp paper.

INTEGRITY PACT

BETWEEN

National Insurance Company Limited (NIC) hereinafter referred to as "PURCHASER" (which expression, unless repugnant to the context thereof, shall mean and include its legal representatives, heirs and assigns)

AND

..... hereinafter refer to us "The Bidder/Contractor" (which expression, unless repugnant to the context thereof, shall mean and include its legal representatives, heirs and assigns)

Preamble

The PURCHASER intends to award, under laid down organizational procedures, contract(s) for Procurement of IP/Network Based CCTV Surveillance Systems (hereinafter referred to as the 'Project'). The PURCHASER necessarily requires full compliance with all relevant laws of the land, rules, regulations, economic use of resources and off airiness/transparency in its relations with its Bidder(s) and/or Contractor(s).

In order to achieve these goals, the PURCHASER may appoint an Independent External Monitor (IEM), who will monitor the tender process and the execution of the contract for compliance with the Integrity Pact by all parties concerned, for all works covered in the Project.

Section 1 – Commitments of the PURCHASER

(1) The PURCHASER commits itself to take all measures necessary to prevent corruption and to observe the following principles:-

a) No employee of the PURCHASER, personally or through family members or through any other channel, will in connection with the tender for or the execution of a contract, demand take a promise for or accept, for self or third person, any material or immaterial benefit, which the person is not legally entitled to. b) The PURCHASER will, during the tender process treat all Contractor(s)/Bidder(s) with equity and reason. The PURCHASER will in particular, before and during the tender process, provide to all Contractor(s)/Bidder(s) the same information and will not provide to any Contractor(s)/Bidder(s), confidential/additional information through which the Contractor(s)/Bidder(s) could obtain an advantage in relation to the tender process or the contract execution. The PURCHASER will

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National Insurance Company Limited Registered & Head Office: Premises No. 18-0374, Plot no.CBD-81, New Town, Kolkata-700156

Local Address:

exclude from the process all known prejudiced persons. The PURCHASER shall obtain bids from only those parties who have been short-listed or pre-qualified or through a process of open advertisement/web publishing or any combination thereof.

(2) If the PURCHASER obtains information on the conduct of any of its employees, Contractor(s) and/or Bidder(s), which is a criminal offence under the IPC/PC Act, or if there be a substantive suspicion in this regard, the PURCHASER will inform the Chief Vigilance Officer and subject to its discretion, can additionally initiate disciplinary actions.

(3) The PURCHASER will enter into agreements with identical conditions with all Contractor(s)/Bidder(s), in the different Work Packages in the aforesaid Project.

(4) The PURCHASER will disqualify from the tender process all Contractor(s)/Bidder(s) in the range of Rs 1 Crore and above, who do not sign this Pact or violate its provisions.

Section 2 – Commitments of the Bidder(s) / Contractor(s)

(1) The Bidder(s) / Contractor(s) commit(s) itself/themselves to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

(a) The Bidder(s) / Contractor(s) will not, directly or through any other person or firm offer, promise or give to any of the PURCHASER's employees involved in the tender process or the execution of the contract any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage, of any kind whatsoever, during the tender process or during the execution of the contract.

(b) The Bidder(s)/Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specification, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

(c) The Bidder(s)/Contractor(s) will not use improperly, for purpose of competition or personal gain, or pass on to others, any information or document provided by the PURCHASER as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically. (d) The Bidder(s) / Contractor(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly the Bidder(s)/Contractor(s) of Indian Nationality shall furnish the name and address of the foreign PURCHASERs, if any. Further details as mentioned in the "Guidelines on Indian Agents of Foreign Suppliers" shall be disclosed by the Bidder(s) / Contractor(s). Further, as mentioned in the Guidelines all the payments made to the Indian agent/representative have to be in Indian Rupees only. (e) The bidder(s) / Contractor(s) will, when submitting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

(2) The Bidder(s) / Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3: Disqualification from tender process and/or exclusion from future contracts.

(1) If the Bidder(s) / Contractor(s), before awarding the Project or during execution has committed a transgression by violating Section 2 above or in any other form so as to put his reliability or credibility in question, the PURCHASER, at its sole discretion, is entitled to disqualify

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Local Address:

the Bidder(s) / Contractor(s) from the tender process or terminate the Contract, if already awarded, for that reason, without prejudice to any other legal rights or remedies available to the PURCHASER under the relevant clauses of GCC/SCC of the tender/contract.

(2) If the Contractor(s)/Bidder(s) has committed a transgression through a violation of any of the terms under Section 2 above or in any other form such as to put his reliability or credibility into question, the PURCHASER will also be entitled to exclude such Contractor(s)/Bidder(s) from future tenders/contract award processes. The imposition and duration of the exclusion will be determined by the PURCHASER, keeping in view the severity of the transgression. The severity will be determined by the circumstances of the case, in particular, the number of transgressions and/or the amount of the damage.

(3) If it is observed after payment of final bill but before the expiry of validity of Integrity Pact that the contractor has committed a transgression, through a violation of any of the terms under Section 2 above or any other term(s) of this Pact, during the execution of contract, the PURCHASER will be entitled to exclude the contractor from further tender/contract award processes.

(4) The exclusion will be imposed for a minimum period of six (6) months and a maximum period of three (3) years. (5) If the Contractor(s)/Bidder(s) can prove that he has restored/recouped the damage to the PURCHASER caused by him and has installed a suitable corruption prevention system, the PURCHASER may, at its sole discretion, revoke or reduce the exclusion period before the expiry of the period of such exclusion.

Section 4: Compensation for Damages (1) If the PURCHASER has disqualified the Bidder(s)/Contractor(s) from the tender process prior to the awarding of the Project according to Section 3, the Earnest Money Deposit(EMD)/ Bid Security furnished, if any, along with the offer, as per terms of the Invitation of Tender, shall also be forfeited. The Bidder(s)/Contractor(s) understands and agrees that this will be in addition to the disqualification and exclusion of the Contractor(s)/Bidder(s) as may be imposed by the PURCHASER, in terms of Section 3 above.) If, at any time after the awarding of the Project, the PURCHASER has terminated the contract according to Section 3, or if the PURCHASER is entitled to terminated the contract according to Section 3, the security Deposit/ Performance Bank Guarantee furnished by the Contractor, if any, as per the terms of the RFP/Contract shall be forfeited without prejudice to any other legal rights and remedies available to the PURCHASER under the relevant clauses of General/Special Conditions of Contract. The Contractor(s)/Bidder(s) understands and agrees that this will be in addition to the disqualification and exclusion of the Bidder(s)/Contractor(s), as may be imposed by the PURCHASER in terms of Section 3 above.

Section 5: Previous transgression

(1) The Bidder(s)/Contractor(s) herein declares that it has committed no transgressions in the last 3 years with any other Company in any country confirming to the anti-corruption approach as detailed herein or with government/ any other Public Sector Enterprise in India that could justify its exclusion from the tender process.

(2) If at any point of time during the tender process or after the awarding of the Contract, it is found that the Bidder(s)/Contractor(s) has made an incorrect statement on this subject, he can be disqualified from the tender process or if, as the case may be, that the Contract, is already awarded, it will be terminated for such and the Bidder(s)/Contractor(s) can be black listed in terms of Section 3 above.

Section 6: Independent External Monitor / Monitors

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- (1) The PURCHASER shall, in case where the Project Value is in excess of Rs 1 Crore and above, may appoint competent and credible Independent External Monitor(s) with clearance from Central Vigilance Commission. The Monitor shall review independently, the cases referred to it to assess whether and to what extent the parties concerned comply with the obligations under this Integrity Pact.
- (2) In case of non-compliance of the provisions of the Integrity Pact, the complaint/non-compliance is to be lodged by the aggrieved party with the Nodal Officer only, as shall be appointed by the CMD, NIC. The Nodal Officer shall refer the complaint/non-compliance so received by him to the aforesaid Monitor.
- (3) The Monitor will not be subject to any instructions by the representatives of the parties and will perform its functions neutrally and independently. The Monitor shall report to the Chairman-cum Managing Director, NIC.
- (4) The Bidder(s) / Contractor(s) accepts that the Monitor shall have the right to access, without restriction, all Project documentation of the PURCHASER including that provided by the Contractor. The Contractor will also grant the Monitor, upon his/her request and demonstration of a valid interest, unrestricted and unconditional access to its project documentation. The Monitor is under contractual obligation to treat the information and documents of the Bidder(s) / Contractor(s) with confidentiality.
- (5) The PURCHASER will provide to the Monitor, sufficient information about all meetings among the parties related to the Project, provide such meetings could have an impact on the contractual relations between the PURCHASER and the Contractor.
- (6) As soon as the Monitor notes, or believes to note, a violation of this Pact, he will so inform the PURCHASER and request the PURCHASER to discontinue and/or take corrective action, or to take other relevant action(s). The Monitor can in this regard submit non-binding recommendations. However, beyond this, the Monitor has no right to demand from the parties that they act in a specific manner and/or refrain from action and/or tolerate action.
- (7) The Monitor will submit a written report to the CMD, NIC within 4 to 6 weeks from the date of reference or intimation to it and, should the occasion arise, submit proposals for corrective actions for the violation or the breaches of the provisions of the agreement noticed by the Monitor.
- (8) If the Monitor has reported to the CMD, NIC, of a substantiated suspicion of an offence under relevant IPC/PC Act, and the CMD, NIC, has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Chief Vigilance Officer, NIC.
- (9) The word 'Monitor' means Independent External Monitor and includes both singular and plural forms.

The details of Independent External Monitor for PURCHASER is as under:

1. Shri Raghunath Prasad Tripathi.

Address: E8/31, Basant Kunj, Arera Colony, Bhopal, MP - 462039

e-mail id: trip1961[at]hotmail[dot]com

2. Shri Aditya Kumar Mittal.

Address: Flat C-2/10(3102), Vanashree CHS, Plot 1 & 2, Sector 58A, Palm Beach Road, Near Seawood Estates, Nerul (west), Navi Mumbai - 400706.

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e-mail id: adityakumarmittal[at]gmail[dot]com

Section 7: Criminal charges against violating Bidder(s) / Contractor(s) /Subcontractor(s)

If the PURCHASER obtains knowledge of conduct of a Bidder/Contractor or any employee or a representative or and associate or a Bidder/Contractor, which constitutes a criminal offence under the IPC/PC Act, or if the PURCHASER has substantive suspicion in this regard, the PURCHASER will forthwith inform the same to the Chief Vigilance Officer, NIC.

Section 8: Duration of the Integrity Pact.

The Pact shall come into force when both parties have legally signed it. The Pact shall expire, in case of the Contractor(s), 3 (three) months after the last payment under the Contract is made and in case of the unsuccessful Bidder(s), 2 (two) months after the contract for the project has been awarded. If any claims is made / lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/ determined by CMD of NIC. The Bidder(s)/Contractor(s), however, understands and agrees that even upon the completion of the Project and/or the last payment under the Contract having been made, if any transgression/violation of the terms of this Pact comes /is brought to the notice of the PURCHASER, it may, subject to its discretion, blacklist and/or exclude such Bidder(s)/Contractor(s) as provided for in Section3, without prejudice to any other legal right or remedy so available to the PURCHASER.

Section 9: Other Provisions

- (1) This agreement is subject to Indian Law. Place of performance and jurisdiction is the Registered Office of the PURCHASER, i.e Kolkata.
- (2) Changes and supplements as well as termination notice need to be made in writing.
- (3) If the Bidder/Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
- (4) Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement shall remain valid and binding. In such a case, the parties will strive to come to an agreement in accordance to their original intentions.
- (5) Wherever he or his as indicated in the above sections, the same may be read as he/she or his/her, as the case may be. _____

(For & On behalf of the PURCHASER) (For & On behalf of Bidder/Contractor)

(Office Seal) (Office Seal)

Place _____

Date _____

Witness 1:

(Name & Address) _____

Witness 2:

(Name & Address) _____

Annexure-E

GENERAL FORMAT FOR PERFORMANCE BANK GUARANTEE:

PROFORMA BANK GUARANTEE FOR PAYMENT (TO BE SUBMITTED IN NON- JUDICIAL STAMP PAPER OF APPROPRIATE VALUE PURCHASED IN THE NAME OF THE ISSUING BANK)

To
National Insurance Company Ltd. Head
Office
Premises No. 18-0374, Plot no.CBD-81,
New Town, Kolkata-700156

Dear Sirs,

In consideration of your having placed a Purchase Order for purchase of IP/Network Based CCTV Surveillance Systems (withand your agreeing to pay the aforesaid Messers

.....
.....(hereinafter referred to as 'The Supplier' and shall include his heirs, successors and permitted assigns) a sum of
(Rupees.....) as and by way of payment in terms of the Contract / Supply Order / Purchase Order No. dated with you (hereinafter referred to as 'Contract') on your agreeing to furnish to you with our guarantee in the manner hereinafter contained, we(Bankers Name) located atwith registered office at

DO HEREBY COVENANT AND AGREE AS FOLLOWS:

1. We,having our office located at do hereby undertake to indemnify National Insurance Company Limited or their heirs, successors or permitted assigns (hereinafter referred to as NIC) and keep indemnified to the extent of the sum of `(Rupees) from and against all losses and damages that may be caused to NIC in relation to the payment to be made by NIC to the Supplier as aforesaid by reason of any default or defaults on the part of the Supplier in the due supply of plant / machinery / equipment / spares / services for carrying out any work or discharging supplier's obligation as per the said contract in the observance and performance of any of the terms and conditions relating thereto in accordance with the true intent and meaning thereof and in the event of any default or defaults on the part of the Supplier as aforesaid we shall forthwith on demand and without demur pay to NIC any sum not exceeding in the total the said sum of ` (Rupees) as may be claimed by NIC to be due from the Supplier by way of refund of such payment or any portion or otherwise as NIC's losses and / or damages, costs charges or expenses incurred by reason of such default or defaults on the part of the Supplier as aforesaid.

2. Notwithstanding anything to the contrary, NIC's decision as to whether the Supplier has made any such default or defaults and the amount or amounts to which NIC is entitled by reasons thereof will be binding on us and we shall not be entitled to ask NIC to establish their claim or claims under this guarantee, but will pay the same forthwith on NIC's demand without any protest or demur.
3. This guarantee shall continue and hold good until it is released by NIC on the applications by the Supplier after completion of delivery of CCTV / services / terms and conditions at site provided always this guarantee shall in no event remain in force after the day of Without prejudice to NIC's claim or claims arisen and demanded from or otherwise notified to us in writing on or before the seventh day after the said date of expiry of the guarantee which will be enforceable against us notwithstanding that the same is or not enforced after the said date.
4. Should it be necessary to extend this guarantee on account of any reason whatsoever, we undertake to extend the period this agreement till such time with the Supplier's consent on the request by NIC.
5. NIC will have the fullest liberty without affecting this guarantee, either to vary, or to modify and to revoke any of the terms and conditions of the said contract or to extend the time of performance of the Supplier or to postpone for any time or from time to time any of NIC's rights or powers against the Supplier and either to enforce or to forbear to enforce any of the terms and conditions of the said contract and we shall not be released from our liability under this guarantee by the exercise of NIC's liberty. With reference to matters aforesaid or by reason of any time being given to the Supplier, or any other forbearance, act or omission on NIC's part or any indulgence by NIC to the Supplier or by any variation or modification of the said contract or any other act, matter or things whatsoever, which under the law relating to sureties, would but for the provisions hereof, have the effect of so releasing us from our liability hereunder provided always nothing herein contained will enlarge our liability hereunder beyond the limit of ` (Rupees... ..) as aforesaid or extend the period of the guarantee beyond the said day of.....Unless expressly agreed to by us in writing.
6. This guarantee shall not in any way be affected by NIC's taking or varying or giving up any securities from the Supplier or any other person, firm or company on their behalf or by winding up, dissolution, insolvency or death as the case may be of the Supplier or his company/firm.
7. In order to give full effect to the guarantee herein contained, NIC shall be entitled to act as if we were your principal debtors in respect of all NIC's claims against the Supplier hereby guaranteed by us as aforesaid and we hereby expressly waive all our rights of surety-ship and other rights, if any, which are in any way inconsistent with any of the provisions of this guarantee.
8. Subject to the maximum limit of our liability as aforesaid, this guarantee will cover all your claim or claims against the Supplier from time to time arising out of or in relation to the said contract and in respect of which NIC's claim in writing is lodged on us on or before the seventh day after expiry of this guarantee.
9. Any notice by way of demand or otherwise hereunder may be sent by special courier, telex, fax or registered post to our local address as aforesaid and if sent by post, it shall be deemed to have been lodged / given / submitted when the same is posted.
10. This guarantee and the powers and provisions herein contained, are in addition to and not by way of limitation of or substitution for any other guarantee or guarantees hereto before given to NIC by us and now existing uncancelled and that this guarantee is not intended to and

- shall not revoke or limit such guarantee or guarantees.
11. This guarantee shall not be affected by any change in the constitution of the Supplier or us nor shall it be affected by any change in your constitution or by amalgamation or absorption thereof or therewith but will ensure to the benefit of and be available to and enforceable by the absorbing or amalgamated company or concern.
 12. This guarantee shall come into force simultaneously with NIC's making the aforesaid payment to the Supplier and shall not be revoked by us whether before it's coming into force or any time during its currency without NIC's prior consent in writing.
 13. We further agree and undertake to pay to NIC the amount demanded by NIC in writing irrespective of any dispute or controversy between NIC and the Supplier.
 14. Notwithstanding anything contained hereinabove our liability under this agreement is restricted to `..... (Rupees). Unless a written claim is lodged on us for payment under this guarantee within seven days of the date of expiry of this guarantee i.e. on or before all NIC's rights under this guarantee shall be forfeited and we shall be deemed to have been released and discharged from all liabilities there under, irrespective of whether or not the original guarantee is returned to us, discharged.
 15. We have power to issue this guarantee in NIC's favour under the Memorandum and Articles of Association of our Bank and the undersigned has full power to execute this guarantee under the Power of Attorney granted to him by the Bank.

SIGNED AND DELIVERED ON THE DAY OF FOR & ON
BEHALF OF THE BANK LTD.

FOR & ON BEHALF OF
(BANKER'S NAME)
Branch Manager
Banker's Seal

Address.....

.....

P.S.: The amount referred to above will be as per the terms of payment specified.