

Response to Pre-bid Queries

**Request for proposal (RFP) for Selection of Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of CCTV Video Surveillance System at various branches (LCB, SoG, cyber police station and LIB) and police stations working under Office of the ADGP (Technical services). Bid Number: GEM/2022/B/2661545 Dated: 23-10-2022.**

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
1	GeM Bid Document- Clause- EMD Detail	EMD Detail	We understand that Central PSUs are exempted from submission of EMD as per General Terms and Conditions on GeM 4.0 (Version 1.3) dt 7th August 2022(copy attached). Please clarify	EMD exemption will be applicable as per GeM GTC
2	GeM Bid Document- Clause- EMD Detail	(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy. (b). The EMD % will be applicable for each schedule/group selected during Bid creation. (c). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.	We understand that Central PSUs are exempted from submission of EMD as per General Terms and Conditions on GeM 4.0 (Version 1.3) dt 7th August 2022(copy attached). Please clarify	EMD exemption will be applicable as per GeM GTC
3	1. Important Information	The Bidder will have to submit Earnest Money Deposit (E.M.D.) for each Cluster as mentioned in this bid document in a sealed cover at GIL office with the heading "EMD for GeM Bid No." for Selection of Agency for Supply, Installation, Commissioning and warranty & Maintenance support of various Equipment's for the Implementation of Video Surveillance System at various Police stations.	We understand that as per GeM GTC, ITI is exempted from submission of EMD	EMD exemption will be applicable as per GeM GTC
4	General Clause	Consortium	As the project implementation is comprehensive, consortium may be allowed to submit the tender	No Change, As per RFP.
5	Scope of Work and Terms and conditions	b. Replacement of existing CCTV surveillance system with new state-of-the-art system, along with buyback of existing CCTV surveillance system (Except Network Switches, Display unit, rack, patch panel, pole, cabling and pvc conduit.)	Buy-Back commercial terms not mentioned in RFP. Please elaborate it for further billing and tax invoices.	Please see the changes in the revised bid document
6	4. Scope of Work and Terms and conditions	Sl. No. 'p' under 3.5. General Requirements for IP Video Surveillance / CCTV System at all police stations (existing and new) and branch offices (SOG, DCB, LCB, LIB, Cyber Police stations) p. The connectivity at each of these police station locations shall be provided by the Tenderer.	Frequency of Bandwidth not mentioned. For camera testing purpose what is the bandwidth SLA?	The connectivity bid is under process. Per camera, we have considered 2 Mbps.

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7	Scope of Work and Terms and conditions	<p>q. Bidder should provide the remote monitoring facilities of the respective police stations to 40 SP/CP offices across Gujarat. Tenderer/Department will provide the required bandwidth and hardware for the same, Bidder has to provide necessary software with required license and Bidder has to use existing hardware available at SP office for remote monitoring. Bidder has to include the cost of AMC &amp; operations and maintenance of the equipment used for the same while quoting the commercials. The existing equipment used for remote monitoring at 40 SP offices across Gujarat is as per following:</p> <p>☑ At 16 nos. of SP office available existing equipment - Server-Dell Optiplex-2020, Display- 42"LG-42LX530CTA, 1KVA UPS.</p> <p>☑ At another 24 nos. of SP office available existing equipment – Server- HP</p>	<p>Require detailed configuration for assessment in BOQ is not mentioned for 16 No. at SP Office and 24 No. HP Servers at SP Office.</p>	<p>The make and model no. for the same has been given. However, for more detail bidder can visit at SP office after the prior approval of office of the ADGP (TS)</p> <p>_ At 16 nos. of SP office available existing equipment - Server-Dell Optiplex-2020.</p> <p>_ At another 24 nos. of SP office available existing equipment – Server- HP ML150 G9.</p>
8	Scope of Work and Terms and conditions	<p>3.6. Control Center/monitoring room at various branches (SOG, DCB, LCB, LIB, Cyber Police stations) and Police Stations</p> <p>a. This shall include the supply, installation, testing, commissioning and O&amp;M of active and passive components like system, storage, Monitors, network switches along with cabinets, enclosures, fixtures, cables, connectors and any other devices, peripherals required for the proper functioning of various components. The bidder is also responsible for necessary electrification of all the devices including all accessories in the control center. The Control center will be in a separate room within the same campus or as decided by respective office of the TENDERER.</p>	<p>Necessary electrification of all the devices including all accessories in the control center are not mentioned in the BOQ. Request furnish details in BOQ.</p>	<p>At control room, nearest electric points will be available. Bidder is responsible for necessary electrification from this nearest electric point. No extra cost shall be paid for this kind of electrical works</p>
9	4. Scope of Work and Terms and conditions	<p>e. The tentative indicative storage requirements have been given in Annexure – D. However, Bidders are advised to carry out detailed assessment of the storage requirements to store feeds for 18 months. Any additional storage requirement for the same during the contract period shall have to be managed by the bidder at no additional cost to the tenderer.</p>	<p>During assessment, any additional storage must either be bore by the tenderer or bidder must be allowed to alter the prescribed storage capacity (for local &amp; central both) mention in BOQ as per the outcome of the assessment.</p>	<p>Bidder has to provide storage for Min of 18 months and minimum storage requirement for each location / type is mentioned with all details, however if according to bidder solution, the requirement of the storage is more then the specified than bidder has to plan for the same &amp; no additional cost will be paid.</p>
10	Storage Technical Specification	Form Factor/Mounting - 3U/4U, 19" Rack Mounted	10U/15U,19"Rack Mounted - Solution will occupy more space.	3U/4U defined for single unit/chassis of complete stack/main unit, combination of units/chassis can be higher U size to achieve 1PB & 2PB will be allowed.

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11	Storage Technical Specification	Network connectivity per controller - Minimum 4 x 1GbE + 2 x 10 GbE SFP+ or higher	Minimum <del>4 x 1GbE + 2</del> 16 x 10GigE Ports + 4 x 32/16 Gb FC	No Change, As per RFP.
12	Storage Technical Specification	Storage expansion port per controller- 1 x 12Gb Mini-SAS(SFP 8644)	<del>1</del> 2 x 12Gb Mini-SAS(SFP 8644)	Please read revised specification as: 5. Storage Expansion Port per Controller: 2 x 12Gb SAS Mini-SAS (SFF-8644)
13	Storage Technical Specification	Supported Network Protocols- SMB/CIFS, NFS/FTP/WebDAV, FC, iSCSI etc.	SMB 4.1/CIFS,NFS,FTP,WebDAV,FC,iSCSI, natively and S3 protocol should also be offered either natively or by additional hardware and software in HA for entire capacity.	No Change, As per RFP.
14	Storage Technical Specification	Cache/Memory - 128 GB per Controller and upgradable to 256 GB per controller	<del>32 GB</del> 128 GB DRAM per controller and upgradable to <del>64 GB</del> 256 GB per controller in scale out architecture The system should be configured with minimum 4TB of SSD/Flash/NVMe cache across dual controller in addition to the above DRAM cache.	Please read as: Cache/Memory - 64 GB per device and upgradable to 128 GB per device.
15	Storage Technical Specification	Storage capacity along with expansion using JBOD- 1000 TB usable capacity after application of RAID group + hot-spare configuration per enclosure in a single stack For 1 PB 2000 TB usable capacity after application of RAID group + hot spare configuration per enclosure in a single stack	1000 TB usable capacity after <del>RAID-5</del> Triple disk protection per RAID group + hot spare configuration in a single stack for 1 PB 2000 TB usable capacity after <del>RAID-5</del> triple disk protection per RAID group + hot spare configuration in a single stack . If any bidder does not support triple disk protection then they should offer 25% additional disks as hot spare after RAID 6.	The requirement is clearly for RAID group + hot-spare Drive in each unit even if there are multiple units in single stack , all the units should have RAID group + hot-spare drive.
16	Storage Technical Specification	Storage Expansion Port per Controller-1 x 12Gb SAS Mini-SAS (SFF-8644)	8 x 12Gb SAS Mini-SAS (SFF-8644)	Please read revised specification as: 5. Storage Expansion Port per Controller: 2 x 12Gb SAS Mini-SAS (SFF-8644)
17	Storage Technical Specification	RAID configuration - 1,5,6,	<del>0,1,5,6,10,50,60</del> or equivalent	Please read revised specification as: 14. RAID configuration: 1 , 5, 6, 50, 60 & Hot-spare support from day-1
18	Storage Technical Specification	Capacity Expansion- Should support 10 or higher JBOD's/Expansion Units or should have minimum 176 HDDs or better support in a single stack	<del>Should support 10 or higher JBOD's/Expansion Units or</del> should have minimum <del>176</del> 1400 HDDs in scale up scale out or better support in a single stack	No Change, As per RFP.

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19	Storage Technical Specification	Functional requirement- Additional suggestion	we request to add " The offered storage should should support DR to cloud natively with minimum 3 different CSP/hyperscalers listed in MeITY with support for cloud backup, cloud tiering.Replication solution must be offered and optimized and secure, entire replication traffic must be encrypted and entire data (Block and File) must be replicated without rehydrating the data before sending on WAN link Solution should be future ready to secure the data and should be Disaster recovery ready for on premise and cloud solution.	No Change, As per RFP.
20	Storage Technical Specification	Number of Controllers	Minimum 2 Controllers It is important to have dual controllers so that the data is available at all times without single point of failure.	No Change, As per RFP.
21	Storage Technical Specification	Hot Spare	Additional suggestion Bidder Should provide tripple Parity or additional Hotspare	No Change, As per RFP.
22	Storage Technical Specification	Replication	Storage should have native replication mechanism and snapshot based backup mechanism ( to cloud & On Prem)	No Change, As per RFP.
23	19. Security	Video Management Software The VMS management database connection should be encrypted using 256- bit encryption	Please remove this point for major OEM Participation	No Change, As per RFP.
24	3.3. Replacement of existing CCTV cameras system along with enhanced storage capacity at existing police stations	i. Cost for the new cameras and other equipments will have to be quoted considering buyback price of existing infrastructure.	Kindly elobrate how authority is going to analyze the back back value by bidder as part of this bid. As we don't see any line item where bidder will declare the buy back value. Also please provide the detail of all the items along with Make model qty year of purchase, wether product is in warranty or not etc. that needs to be considered under the buyback. Or request o kindly remove the same from the current bid scope.	Please see the changes in the revised bid document
25	PQ.3. Financial Strength	PQ.3. Financial Strength In case the bidder want to participate in four clusters, than bidder should have the minimum average annual financial turnover of Rs. 160 crore during the last three financial years (2018- 19, 2019-20 and 2020-21). Certificate from the CA highlighting turnover along with the copies of audited Balance sheet for last three financial years	We understand Bidder turnover can be inclusive of any domain, please confirm	Turnover will be considered in name of participated bidder.
26	Make and Model form	Make and Model form Ensure that all equipment including material to be installed by the Bidder shall be new and the product should not be de-supported or declared end of life during the next 7 years.	We understand timeline in line with RFP requirements.	Please read the clause as : Make and Model form Ensure that all equipment including material to be installed by the Bidder shall be new and the product should not be de-supported or declared end of life / end of support during the next 7 years.

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27		General	Kindly provide OEM authorization format for this RFP if any to be submitted	The bidder has to submit the OEM authorization as per industries practice in the reference of this bid only
28	3.12.Other Requirements	<p>3.12.Other Requirements</p> <p>x. All Quoted Cameras and NVR should have CE/ equivalent Indian Standard, FCC/ equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard Certified and BIS certification required. In case of Make in India Product UL certification is not required</p> <p>xi. All quoted Network Switch should be CE/ equivalent Indian Standard, FCC/ equivalent Indian Standard, UL/ equivalent Indian Standard. Network Passive Cable &amp; Components should have ETL/UL/CE/FCC/BIS or equivalent Indian Standard certificate. In case of Make in India Product UL certification is not required</p>	Kindly confirm whether any documents to be submitted for Make In India from OEM	<p>Please read the clause as:</p> <p>x. All Quoted Cameras and NVR should have FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, IEC/BIS/Equivalent Indian Standards. Note: In case of Make in India Products UL certification is not required. However, MII product should have a certification from a NABL-approved lab/STQC Lab with equivalent IEC standard ( IEC 62368-1) before the date of publishing of the RFP</p> <p>xi. All quoted Network Switch should be CE/ equivalent Indian Standard, FCC/ equivalent Indian Standard, UL/ equivalent Indian Standard. Network Passive Cable &amp; Components should have ETL/UL/CE/FCC/BIS or equivalent Indian Standard certificate. In case of Make in India Product UL certification is not required, however, MII product should have a certification from a NABL approved lab/STQC Lab with equivalent IEC standard before the date of publishing of the RFP</p>

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29	B. Operational Penalties	Operational Penalties - Maximum Penalty cap for operational penalty is 10% of overall contract value for the ordered item.	Maximum Penalty cap for operational penalty is 10% of Quarterly O & M contract value for the ordered item.	Successful Bidder shall be paid Quarterly Payment (QP) for the technical resource provided by the successful bidder. The overall operational penalty would be generally capped at 10% of QP amount and will be recovered against the quarterly payment invoice and Performance bank guarantee (if required) submitted by the successful bidder
30	C. Complaint Resolution	Complaint Resolution - Rs. 1000/- per complaint (For CCTV system and other equipment )per day or part thereof	Rs. 500/- per complaint (For CCTV system and other equipment )per day or part thereof	As per RFP, No change
31	D. Penalty for Non-Availability of Technical Resource	Penalty for Non-Availability of Technical Resource Rs. 1000/- per person per day of unsanctioned leave or non-reporting or non-deployment.	Rs. 500/- per person per day of unsanctioned leave or non - deployment	As per RFP, No change
32	E. Penalty for Delay in Repair/Replacement of Faulty Material	Penalty for Delay in Repair/Replacement of Faulty Material Rs. 100/- per site for every 8 hours of delay or part thereof	Need to remove this clause	As per RFP, No change
33	General Query	General Query	SI will depute SOW Manpower As per RFP Qualification	No Change, As per RFP.
34	1. Important Information EMD/ Bid Security	EMD/ Bid Security b ) EMD as mentioned above, shall be submitted in the form of Demand Draft OR RTGS OR in the form of an unconditional Bank Guarantee (which should be valid up to validity of 9 months from the date of bid submission) of any Nationalized Bank (operating in India having branch at Ahmedabad/ Gandhinagar) in the name of "Gujarat Informatics Ltd." payable at Gandhinagar (as per prescribed format given at Annexure C) and must be submitted along with the covering letter.	It is mentioned in this clause that we have to submit EMD BG from nationalisd bank . However if you refer the clause mentioned at the bottom of Annexure C ( EMD format )/ page no 56 , it is mentioned that we can submit BG from private sector bank / Commercial bank " Approved Bank: All Nationalized Bank including the public sector bank or Private Sector Banks or Commercial Banks or Co-Operative & Rural Banks (operating in India having branch at Ahmedabad/ Gandhinagar) as per the G.R. no. EMD/10/2020/42/DMO dated 19.10.2020 issued by Finance Department or further instruction issued by Finance department time to time) In view of this request you to confirm by way of corrigendum and allow us to submit EMD Bg from scheduled commercial bank	Bidder has to submit Earnest Money Deposit in the form of Bank Guarantee as per below:  "All Nationalized Bank including the public sector bank or Private Sector Banks or Commercial Banks or Co-Operative & Rural Banks (operating in India having branch at Ahmedabad/ Gandhinagar) as per the G.R. no. EMD/4/2022/0002/DMO dated 20/05/2022 issued by Finance Department or further instruction issued by Finance department time to time "

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35	1. Important Information Performance Bank Guarantee (PBG)	Performance Bank Guarantee (PBG) - 5%	Please allow us to submit separate PBG for the capex portion and Opex portion from scheduled commercial bank. Opex Bg would be submitted after FAT & Golive. Request you to confirm by way of corrigendum	As per RFP, No change
36	Price bid	Price bid	We have to mention price as per Price bid format which is inclusive of taxes. However we could find any of the clauses with respect to the variation of taxes and duties. In view of this request you to include below mentioned clause by way of corrigendum "our contract price would be amended if there is any amendment of existing taxes /duties/levies or there is introduction of any new taxes /duties/ levies by any state Government or central Government"	Taxes/duties shall be paid as per actual in case of variations of taxes/duties as per GoG/Gol guidelines.
37	General Query	General Query	Request you to confirm that Labour cess /BOCW would not be deducted from our payment	As per RFP, No change
38	10. Guarantee and Warrantee:	Additional point	Please add -GUARANTEE PERIOD "Products repaired or replaced and services re-performed are warranted for the remainder of the original warranty period or 90 days (for products) whichever is longer. Honeywell is not, and will not be, liable for defects attributable to: (a) non-compliance with Honeywell's instructions, (b) unauthorized alterations or repairs, (c) accident, contamination, abuse, or negligence, or (d) damage caused by failure of any item or service not supplied by Honeywell. WARRANTIES IN THIS SECTION ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, WHETHER WRITTEN, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, NON-INFRINGEMENT, AND FITNESS FOR PARTICULAR PURPOSE. THE REMEDIES IN THIS SECTION ARE BUYER'S ONLY REMEDIES FOR BREACH OF WARRANTY."	As per RFP, No change
39	15. Extension of Delivery Period and Liquidated Damages:		Please change it to PRICE REDUCTION SCHEDULE (PRS) / DELAYED DELIVERY- We are OK for LD/PR subject to the foll. conditions "Notwithstanding anything to the contrary, Liquidated damages are levied @ 0.5% per week, subject to a maximum of 5% of the undelivered/unperformed portion of the contract value. Such LD shall constitute Purchaser's sole and exclusive remedy, to be will be levied for delay in supplies, which delays are solely attributable to vendor"	As per RFP, No change
40	18. Limitation of Liability:		Request you to please delete words: "excluding his liability towards infringement of patent, trade mark or industrial design rights"	As per RFP, No change

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41	23.2 Indemnification:		<p>PATENTS AND ROYALTIES: Propose for : “Honeywell shall defend the suits alleging IP infringements of valid US patents and copyrights, and indemnify against the final judgment provided that Buyer (a) gives Honeywell prompt notice when Buyer becomes aware of a third-party claim, (b) gives complete authority and assistance (at Honeywell expense) for disposition of the claim, and (c) makes no prejudicial admission with respect to the claim. Honeywell has no liability for: (a) Deliverables supplied pursuant to Buyer designs, drawings or specifications, (b) Deliverables used other than for the purpose for which they were delivered, (c) claims resulting from combining any Deliverable with any product or software not supplied by Honeywell, (d) any modification of a Deliverable by other than Honeywell, (e) any compromise or settlement made without written Honeywell consent; or (f) costs or attorney fees incurred by Buyer. If infringement claim is made or is likely, Honeywell may at its option and expense: Obtain the right or license to use, or modify the deliverable as to make non-infringing, or accept return of the deliverable and credit the price (depreciated) to customer and terminate the applicable software license. This section states Honeywell’s entire liability and buyer’s sole recourse and exclusive remedies with respect to infringement. All other warranties against infringement of IP rights, whether statutory, express or implied, are disclaimed.”</p>	As per RFP, No change
42	Addition Request	Addition Request	<p>TECHNICAL INFORMATION: We request you to please add: “Confidentiality obligations shall apply mutatis mutandis to the Purchaser/Owner/Buyer, to the extent applicable. Confidential Information” is information that: (a) is marked as “Confidential” or “Proprietary” at the time of disclosure; or (b) is disclosed orally or visually, is identified by the Party disclosing the information (“Discloser”) as confidential at the time of disclosure, and is designated as confidential in a writing sent to the receiving Party (“Recipient”) within 30 days after disclosure that summarizes the Confidential Information sufficiently for identification. Unless otherwise specified, each Party’s obligations with respect to the Confidential Information of the other Party will continue for five years after the date of receipt. Parties agree that breach of the confidentiality obligations by the Recipient will cause irreparable damage for which money damages will not be fully adequate, and Discloser is entitled to seek injunctive relief, in addition to any other legal remedies.”</p>	As per RFP, No change
43	19. Termination for Default:		<p>CANCELLATION: Propose for right to terminate by the Vendor and get paid for the work performed till the date.</p>	As per RFP, No change
44	16.2 Arbitration:		As per latest gazette recommendation we request you to propose for mutually appointed arbitrator	ARBITRATION related condition will be as per GeM GTC



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45	Addition Request	Addition Request	CYBER SECURITY: Cyber security services will be provided in professional and workmanlike manner. Honeywell makes no guaranty that the cyber security products ("CS Products"), inclusive of equipment, software and services will prevent or mitigate the impact of any cyber-attack. Honeywell's sole liability, for failure of the CS Products is replacement of the defective product and/or re-performance of the defective service, provided Buyer notifies Honeywell of the defects during the warranty period. Third Party CS Product, if any, are provided to customer subject to such Third Parties' standard terms and conditions (including software license terms) and Honeywell has no liability with respect to the performance or non-performance of the same.	As per RFP, No change
46	Addition Request	Addition Request	PERSONAL DATA PROTECTION: Each Party acknowledges and agrees that it may process certain business contact details relating to individuals engaged by the other Party in the performance of that other Party's obligations under this Agreement ("Staff"). Each Party will take appropriate technical and organizational measures to protect such personal data against any security breaches and shall securely delete it once no longer required for the purposes for which it is processed. Where appropriate and in accordance with the applicable data protection legislation, each Party shall inform its own Staff that they may exercise their rights in respect of their personal data against the other Party by sending a written request with proof of identity to the other Party to the address set forth in this Agreement.	As per RFP, No change
47	Addition Request	Addition Request	REMEDIES FOR NONPAYMENT- If Buyer pays late, Honeywell may: (a) suspend deliveries until all delinquent amounts and late interest, if any, are paid, (b) repossess Products or software for which payment has not been made, (c) charge interest for non-payment at lesser of 1.5 % per month for each full or partial month or the maximum legal rate available under governing law, (d) recover all costs of collection, including but not limited to reasonable attorneys' fees, and (e) combine any of the above rights and remedies as may be permitted by applicable law . If Buyer does not dispute an invoice within 15 days after invoice date, Buyer has waived the right to do so. Honeywell reserves a right to correct any inaccurate invoices. Buyer may not set off invoiced amounts against sums that are due from Honeywell. Honeywell may increase price and recover associated costs, for the following that occur between the date of the Order and delivery: (a) foreign exchange variation, (b) increased cost of third party content and materials, (c) periodic price increase of Products and Services, (d) impact of government tariffs, and (e) increases in costs of industrial metals as published by the London Metal Exchange ( <a href="https://www.lme.com/">https://www.lme.com/</a> ).	As per RFP, No change

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48	Addition Request	Addition Request	<p>INVENTIONS &amp; INTELLECTUAL PROPERTY: Intellectual Property” “means all copyrights, trademarks, trade secrets, patents, utility models and other intellectual property rights recognized in any jurisdiction worldwide, including all applications and registrations. No right, title or interest in Intellectual Property provided by Honeywell is transferred to Buyer under the Agreement. All Intellectual Property and results of Services, including software, models, designs, drawings, documents, inventions, and know-how (“Inventions”), conceived or developed by Honeywell in connection with the Agreement, are the sole property of Honeywell and Buyer assigns any rights it may have in such Inventions to Honeywell. All Software delivered by Honeywell is subject to a software license or software subscription agreement (“License”). If Buyer does not agree to a License with Honeywell, Buyer does not have a license or right to Software. Buyer retains all rights in its own data and other information collected by Honeywell deliverables from Buyer or third party devices or equipment (“Input Data”). Honeywell and its Affiliates have the right to use Input Data in the required form to provide, protect, improve or develop Honeywell products or services. Honeywell may also use the Input Data for other purposes, provided it is in an anonymized form that does not identify Buyer. All inventions and algorithms derived from Input Data (but excluding Input Data itself) are Honeywell’s intellectual property and are owned solely exclusively by Honeywell. Any Buyer Personal Data contained within Input Data shall only be used or processed in accordance with the data privacy terms of this Agreement and applicable law. This section survives termination of this Agreement.</p>	As per RFP, No change
49	Addition Request	Addition Request	<p>BUYER CAUSED DELAY: Notwithstanding anything to the contrary, where Seller is unable/delayed from adhering to the time schedule for performing its portion of the work due to delays or any events which are not attributable to the Seller, then Buyer shall compensate the Seller for the work performed/goods delivered/obligations undertaken.</p>	As per RFP, No change

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50	Addition Request	Addition Request	<p>The Parties agree that each Party will be responsible for compliance with all import, export, and re-export control laws and regulations and will mutually cooperate as needed. Relating to the entry into and performance pursuant to this Contract, Buyer will comply with all Sanctions Laws, including regulations administered by the United States of America, the European Union and its Member States, the United Kingdom, and the United Nations ("Sanctions Laws"). Buyer will not sell, export, re-export, divert, use or otherwise transfer, any Honeywell products technology, software, or proprietary information: (i) to or for any Sanctioned Persons or Sanctioned Jurisdictions.</p> <p>or (ii) for purposes prohibited by any Sanctions Laws. Buyer agrees that Honeywell may take any and all actions relating to this transaction or Contract that are required to ensure full compliance with all Sanctions Laws without Honeywell incurring any liability. For the purpose of this paragraph, Sanctioned Persons are defined as any individual or entity: (1) named on a governmental denied party or restricted list, including but not limited to: the Office of Foreign Assets Control ("OFAC") list of Specially Designated Nationals and Blocked Persons ("SDN List"), the OFAC Sectoral Sanctions Identifications List ("SSI List"), and the sanctions lists under any other Sanctions Laws; (2) organized under the laws of, ordinarily resident in, or physically located in a jurisdiction subject to comprehensive sanctions administered by OFAC (currently Cuba, Iran, North Korea, Syria, and the Crimea region of Ukraine/Russia) ("Sanctioned Jurisdictions"); and/or (3) owned or controlled, directly or indirectly, 50% or more in the aggregate by one or more of any of the foregoing.</p>	As per RFP, No change

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51	Addition Request	Addition Request	<p>Economic Surcharge: Honeywell may, from time to time and in its sole discretion, issue surcharges on this Agreement in order to mitigate and/or recover increased operating costs arising from or related to, without limitation: (a) foreign currency exchange variation; (b) increased cost of third-party content, labor and materials; (c) impact of duties, tariffs, and other government actions; and (d) any other circumstances that increase Honeywell's costs, including, without limitation, increases in freight, labor, material or component costs, and increased costs due to inflation (collectively, "Economic Surcharges").</p> <p>Honeywell will invoice Buyer, through a revised or separate invoice, and Buyer agrees to pay for the Economic Surcharges pursuant to the standard payment terms in this Agreement. If a dispute arises with respect to Economic Surcharges, and that dispute remains open for more than fifteen (15) days, Honeywell may, in its sole discretion, withhold performance and future shipments or combine any other rights and remedies as may be provided under this Agreement or permitted by law until the dispute is resolved.</p> <p>The terms of this section shall prevail in the event of inconsistency with any other terms in this Agreement. Any Economic Surcharges, as well as the timing, effectiveness, and method of determination thereof, will be separate from and in addition to any changes to pricing that are affected by any other provisions in this Agreement.</p>	As per RFP, No change
52	9U Rack Enclosures (Networking/Server Rack)	Size of Server Rack Enclosure - 9U	It is necessary to know the width & depth of the racks . Ideal size for networking will be 600x 600mm depth and 600x 1000mm for server mounting . Customer to specify as whether the racks will be mounted on the wall or will be kept on the table.	Bidder has to supply the wall mount 9U rack & Size should be capable to kept the proposed hardware to be kept in the rack.
53	24 U Rack Enclosures(Networking/Server Rack)	Size of Server Rack Enclosure- 24U	It is necessary to know the width & depth of the racks . Ideal size for networking will be 600x 600mm depth and 600x 1000mm for server mounting . Customer to specify as whether the racks will be mounted on the wall or will be kept on the table.	Bidder has to supply the 24 U rack with floor standing & Size should be capable to kept the proposed hardware to be kept in the rack.
54	42 U Cooling Rack with required UPS power	Cooling Rack shall Minimum width of 800 mm depth of 1200mm & 42U usable height.	Ideally 1400mm depth Smart racks will help in proper cable management , PDU management & Thermal management. 1200mm depth will have limited open space.	As per RFP, No change
55	42 U Cooling Rack with required UPS power	Bidder has to consider 5/15Amp Indian Socket Power distribution Unit with 16 Amp MCB, and vertical 32A, Single Phase, C13 Sockets and C19 Sockets PDU with 32A MCB.	All 3 types of sockets combination can be provided customer to define the qty's of each type . Also it is ideal to distribute the load into 2 circuits .	We have asked indicative requirement within rack PDU. However, bidder has to propose PDU as per their propose solutions.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
56	42 U Cooling Rack with required UPS power	SI/Bidder has to consider minimum 7KW or higher cooling unit capacity with reference to their IT product which are going to install in the Data Center Rack. In case if there is required additional rack space to address the solution, bidder/SI has to consider additional Data Center Rack with rack coupling kit and address to additional cooling requirement. Built in cooling unit should be rated Inlet Temp of 22 +/- 1 Degree Centigrade considering minimum Ambient Temperature of 45 Degree Centigrade w.r.t peak summer/weather conditions of Gujarat State. Bidder has to consider raw electric power distribution box and electrical cabling for the cooling unit.	Customer to define the location in which the ODU'S will be placed which should be ideally at a distance of 15 to 20 metres. Also it is recommended to specify that 7KW Cooling should not consume more than 6U Space so that User gets more usable U Space	Location wise placement of 42U Cooling rack vary, distance between Indoor unit and Out door unit may vary and goes up to 30 meters so please consider piping distance along with Civil, Electrical and GI cable tray accordingly.  It is preferable vertical mount and lowest foot print of cooling unit to get maximum usable space within the rack.
57	42 U Cooling Rack with required UPS power	Rear Door automatic opening system shall be provided for the emergency or event of cooling failure, unavailability of electricity or overheat above the standard threshold limits. Also acoustic alarm and visual indication should be provided.	Rear door opening in the event of overheat can help hot air to dissipate . However customer to define the location in which smart racks will be deployed and also to confirm if the room has exhaust arrangements or a comfort AC .	As per RFP, No change
58	42 U Cooling Rack with required UPS power	Data Center cooling rack should be supplied with required UPS power backup. The UPS Should be rack mountable minimum 6KVA or higher capacity considering to bear the actual induction load of all the equipment installed under the rack (like server, storage, etc.) for Minimum 1 Hour backup with full load.	Kindly specify Batteries to be kept Internal or External to the Rack	UPS should be rack mounted and Batteries should be placed outside the rack on separate battery rack.
59	42 U Cooling Rack with required UPS power	Bidder has to submit actual Rack space, cooling, UPS power load calculations for each location.	For calculation location wise if the sites are existing it can be visited and a detailed report can be submitted .	No Change, As per RFP.
60	3.1. Introduction, Page No. 11/61	c. Upgradation of storage capacity at existing police stations and at SP office to store video footages for 18 months period,	We assume that the existing Police Station servers to be replaced with NVR with one month storage and video storage of 18 months to be upgraded at SP office only. Kindly confirm.	Yes
61	3.3, Page No. 13/61	d. Existing Switches installed at these police stations are under lifetime warranty.	We believe that any type of repairing/replacement or any existing switch related cost will not to be borne by successful bidder. Kindly clarify	Please see the changes in the revised bid document
62	3.3, Page No. 14/61	i. Cost for the new cameras and other equipment's will have to be quoted considering buyback price of existing infrastructure.	Referring to the RFP clause at page number 60/61, "7.5. Annexure-E - Installed Equipment Make and Model" we request you to kindly share quantities of each existing line item to better estimate the buyback costing.	Please see the changes in the revised bid document
63	3.5, 16/61	Tenderer/Department will provide the required bandwidth and hardware for the same, Bidder has to provide necessary software with required license and Bidder has to use existing hardware available at SP office for remote monitoring.	Request you to kindly provide network devices count to be monitored in NMS for health monitoring and it is assumed that the existing hardware is SNMP /ICMP protocol compliant.	Overall network device use in this project shall be monitored

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
64	3.5. General Requirements, Page No. 17/61	ff. Channels – There should be minimum 16/32 camera channels support (as mentioned in BOQ) from day 1 in all NVRs and if required in future same can be increased by 25% in same hardware without any up-gradation of Hardware.	This clause of 25% expansion in channel quantities without any upgradation of hardware of NVR seems to be proprietary and challenging for many OEMs. Hence we request you to kindly remove this clause.	No Change, As per RFP.
65	3.5, 17/61	mm. Analytics – VMS, NVR or CAMERA should have support of following analytics from day 1 – Motion detection, Tempering/Masking, Loitering, Missing Object & Abandoned Object.	The field of view for surveillance & analytics may be different i.e. Loitering, Missing Object & Abandoned object etc. Please clarify whether the same camera will be used for surveillance as well as analytics simultaneously.	Yes
66	3.8, Page No. 20/61	h. The proposed Centralized Network Health and Performance management system should be monitored remotely from all cities/district mentioned above	We request you to kindly share details of users accessing NMS application at central location, SP Offices, Districts as well as tentative concurrent users ( SP Office/Other locations).	Cluster-wise remote logging console of the centralized NMS will be given to the respective cluster's bidder. SLA will be monitored by respective cluster's bidder
67	3.12. Other Requirements, Page No. 25/61	iii. Camera should be loaded with 32 GB SD Cards.	In the technical specifications of Bullet & Dome camera Sr. No. 23, SD Card Memory(GB) :128 GB is mentioned. Kindly clarify 32 GB or 128 GB which is to be supplied with camera.	Please read the clause as : Camera should be loaded with 128 GB SD Cards
68	3.12, 26/61	Tenderer will provide electric point at single location in each Police Station,thereafter, bidder is responsible for required electricity work for successful functioning of proposed surveillance system within the campus of respective site/location.	1. In case of any raw power unavailability beyond UPS backup limit or network connectivity failure then the downtime for such a period will not be accounted into Bidder's SLA penalty calculation. Kindly confirm. 2. In case of only UPS down then we believe that the SLA penalty would be applicable for UPS only and not for further connected components like Camera, NVR, Server, Display etc. Kindly confirm	Yes
69	3.12. Other Requirements, Page No. 27/61	o. Bidder is also responsible for developing a Web portal and mobile application which will allow limited set of authorized users to access the video feeds live as well as recorded over the mobile/smart phone.	We assume that the all police stations are connected with SP office then further SP offices to connect with central location over a Department provided network connectivity. We request you to kindly clarify: 1. Total number of mobile users accessing footages at SP office 2. Intercommunication allowed between two or more SP offices for accessing video footages 3. Type of connectivity IP MPLS, ILL, P2P etc 4. Availability of adequate upload bandwidth at all SP offices for serving mobile end web portal users 5. Required Data Security in place at all police stations, SP offices and mobile users devices since there is high possibility of footages security compromise if mobile user access footages over public mobile internet.  Kindly clarify the requirement precisely.	Bidder is also responsible for providing an available Web portal (user can access NVR and view camera through the browser) and mobile application which will allow a limited set of authorized users to access the video feeds live as well as recorded over the mobile/smartphone.
70	3.13 POC, Page No. 30/61	During the demonstration the storage should consist the recorded video footage of 18 months & should demonstrate the functioning of storage & server while activity like live video feed monitoring, recording, retrieving, searching, remote monitoring, configuration, etc are simultaneously ongoing.	As per this clause at the time of POC, Bidder need to arrange 18 months of recorded video footages. Kindly let us know & clarify from where bidder need to arrange this.	No Change, As per RFP.

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71	3.4 Acceptance Test, Page No. 31/61	c. The date on which Acceptance certificate is issued shall be deemed to be the date of successful commissioning of the System.	We request you to kindly consider Lot/Pro rata basis acceptance of police station as there may be site/administrative related challenges at certain location and the installation may get delayed so requesting to consider our request.	No Change, As per RFP.
72	4.1. Definitions, Page No. 32/61	5. Service Level Agreement (SLA) and Penalties	The serial number 2 & 9 is missing in SLA table kindly check and do the needful.	Please see the changes in the revised bid document
73	5.2. Payments Terms, Page No. 42/61	In case if the additional quantity required for installation & execution of solution except Camera and server, storage, UPS, Display, network switch, the bidder shall have to bear the cost for the same.	There are few BoQ components missed here which carries significant cost in installation hence we request you to kindly amend the clause as "In case if the additional quantity required for installation & execution of solution except Camera,NVR,VMS,SPD, CAT 6 cable, PVC conduit, pole, rack and server, storage, UPS, Display, network switch, the bidder shall have to bear the cost for the same.	No Change, As per RFP.
74	3. Eligibility Criteria	Bidder should be an established IT / Telecom/ Security Surveillance Solutions System Integrator and should have been engaged in setting-up and Operations & Maintenance Services of Network (Active or Passive) or Data Centres for a period of at least three years as on bid submission date	In reference to this criteria We understand that the Bidder should be an established IT / Telecom/ Security Surveillance Solutions System Integrator and should have been engaged in setting-up and Operations & Maintenance Services of Network (Active or Passive) or Data Centres in any year during last three years as on bid submission date. request to please confirm or clarify?	As per RFP, No change
75	GEM bid - Buyer Added Bid Specific Terms and Condition Point No. 2 and RFP Document - 1. Important Information - EMD/Bid Security	- 2. Forms of EMD and PBG : Bidders can also submit the EMD with Account Payee Demand Draft in favour of Gujarat Informatics Ltd payable at Gandhinagar. Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date	There is 2 clauses for Emd. One in Gem Portal wherein Emd is to be paid in DD only. However, as per RFP Important information EMD can also be submitted in form of DD/RTGS or Bank Guarantee. We understand that Bank Guarantee towards Emd is allowed, request to please confirm or clarify if otherwise ?	EMD shall be submitted in the form of Demand Draft OR RTGS OR in the form of an unconditional Bank Guarantee
76	Annexure-C Technical Specifications Network Management Software(NMS) 19.	Tool should have option to display distance between devices in topology Maps especially for branch gateway devices	We understand that displaying distance between devices over Maps is a functionality of GIS map. Proposed NMS OEM shall facilitate the integration with GIS map to show the distance between connected devices/branch gateways on network topology map. Please confirm whether our understanding is correct.	Yes
77	Annexure-C Technical Specifications Network Management Software(NMS) 20.	It should be a Drag & Drop based Network Diagram builder, Dynamically Upload Images, Customizable objects to support multiple vendors, capability to export maps in an XML format and upload to any other system.	Drag & drop based network diagram builder is outdated & OEM specific feature. Moreover it requires manual intervention to create network topology which is prone to error. Hence, we request you to kindly allow other OEMs participation by amending the clause as mentioned below "It should support real-time network topology layout or Drag & Drop based Network Diagram builder, Dynamically Upload Images, Customizable objects to support multiple vendors, capability to export maps in an XML format "	No Change, As per RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
78	Annexure-C Technical Specifications Network Management Software(NMS) 22.	Tool must provide option to perform standard compliance checks like PCI-DSS, NIST, DISA etc. across all target CLI-based network devices	We understand that standard compliance checks like PCI-DSS, NIST, DISA etc. are not applicable for NMS. Example, PCI-DSS are the security compliance checks for payment gateway. And other mentioned compliance checks like NIST, DISA etc. belongs to SIEM functionality. Hence, giving undue advantage to few specific foreign OEMs who had developed their platform around SIEM and restricting make in India OEMs to participate in the tender. We request you to kindly allow other security parameters for wider participation from Indian Make-in-India OEM such as role based access control, user authorization etc. In addition to role based access control, user authorization request you to please allow Cert-In. The proposed NMS should have certification for Cyber Security as per OWASP guidelines from Govt. CERT-In empaneled agency in India to ensure that the critical information processed and stored by the proposed application is secure from cyber-attacks / hacking / hijacking.	No Change, As per RFP.
79	Annexure-C Technical Specifications Network Management Software(NMS) 39.	Integration should provide the option in both north as well as south bound integration on each module level. Any fault details should be able to send to third party CRM, Customer Portal, UNMS or even EMS if needed using the Trap, XML and even direct database query integration	As per industry standard 3rd party integration can be made available by using open standard like REST/SOAP/Trap/XML etc. Please confirm whether our understanding is correct.	No Change, As per RFP.
80	Annexure-C Technical Specifications Network Management Software(NMS) 40.	Provide 12+ open APIs in the system which can be used by customers for integrating their own systems. Integration should provide the option in both north as well as south bound integration using multiple options like RestAPI, XML, SOAP, Corba etc. on each module level. Any fault details should be able to send to third party CRM, Customer Portal, UNMS or even EMS if needed using the Trap, XML and even direct database query integration	As per industry standard 3rd party integration can be made available by using open standard like REST/SOAP/Trap/XML etc. Please confirm whether our understanding is correct.	No Change, As per RFP.
81	3. Eligibility Criteria	Request for addition	To ensure the quality OEM participation. We request you to kindly add below-mentioned clause in addition to existing Eligibility criteria as "PQ.7. OEM of NMS software application should have ISO 9001, 14001, 27001 and CMMI Level 3 certification. OEM shall facilitate the validation of CMMI L3 Certificate from CMMI Institute."	No Change, As per RFP.
82		PQ.2 Legal Entity Bidder should be an established IT/ Telecom/ Security Surveillance Solutions System Integrator and should have been engaged in setting-up and Operations & Maintenance Services of Network (Active or Passive) or Data Centres for a period of at least three years as on bid submission date.	Most of the smart city project are time consuming for the setting up and going on operations & Maintenance so we request you to consider the Ongoing/Go live project as on bid submission date as qualification for this points.	No Change, As per RFP.



Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
83		<p>3.1. Introduction  b.Replacement of existing CCTV surveillance system with new state-of-the-art system, along with buyback of existing CCTV surveillance system (Except Network Switches, Display unit, rack, patch panel, pole, cabling and pvc conduit.)</p>	<p>Our understanding is that existing Network Switches,Display unit,rack, patch panel,Pole,Cabling ,PVC conduits will be utilized with the installation of new system. If our understanding Is correct then please confirm on the following points  1. if exsiting cables are damage then what will be the scope of bidder?  2. Can customer provide additional chagres for damage cables?  3. During the warranty of new system if existing switches are faulty then who will bare the cost of repairs/maintenace of these devices.  4. please share quantity of existing networking switches and cables.</p>	<p>The existing cable will remain the same as it is with its conduit. For the installation of additional 4 nos. of cameras, the bidder has to lay out the cable in the proposed conduit. The estimated cable and conduit required for the same have been incorporated in the price bid. bidder has to take care of the existing network at the time of installation., if the existing cable will be damaged by the selected bidder. then, the bidder has to restore the same without any additional cost. In case, considering the network port adjustment in the network switch &amp; it is required to use additional cable, then the additional cost for such extra work for installation of cable and conduit will be paid on actual based on finalized rate under this bid.</p>
84		<p>Bidder (who wise to participated in cluster –I) have to provide centralize help- desk System along with facility of Asset management, Network Management, Health Monitor, Services management. Bidder has to quote rate considering the cost of the same in cluster-I.</p>	<p>As per this clause Centralized Help desk system cost &amp; setup will belongs to Cluster - 1 winners and same centralized help desk will be used for Cluster II, Cluster III &amp; cluster IV.  Our understanding will be cluster -I winner (bidder 1 ) will log the complaint for Cluster II/ Cluster III/ Cluster IV (different winner of this cluster) and do the activity help desk on behalf of Cluster II/Cluster III/Clsuter IV winner. i.e. log the complaint ,Initimate the engineer for attend the complaint and follow up with Service engineer to closed the complaint for cluster (II/III/IV).  Please confirm.</p>	<p>Cluster-wise remote logging console of the centralized helpdesk will be given to the respective cluster's bidder. SLA will be monitored by respective cluster's bidder</p>
85		<p>5.1 Project Implementation Timelines 120 days</p>	<p>Due to semiconductor shortage worldwide delivery timeline from all Major OEM delayed by 6 to 8 months so request you to give timeline for implementation &amp; handover upto 180 days.</p>	<p>Please see the changes in the revised bid document</p>

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86		<p>5.2. Payments Terms:            Capex Cost as per financial bid on GeM portal of each cluster            Successful Delivery and Inspection of Hardware/ Equipment at the central location/ Bidder's Warehouse at Gandhinagar /Ahmedabad            50% of the Sum total of financial bid of each cluster (without O&amp;M cost)            Successful Installation, commissioning            20% of the Sum total of financial bid of each cluster (without O&amp;M cost)            Final acceptance test (FAT)            20% of the Sum total of financial bid of each cluster (without O&amp;M cost)            After Project "GO-LIVE" Satisfactorily Performance            10% of the Sum total of financial bid of each cluster (without O&amp;M cost).            Opex Cost as per financial bid on GeM portal of each cluster            Operational &amp; Maintenance support during the contract period of 5 years (Minimum Opex 30% of Project Value)            20 equal Quarterly Installments after the end of each quarter of each cluster.</p>	<p>Such a large value project most of System Integrator work with very thin Margin so request to change the payment terms as follows            5.2. Payments Terms:            Capex Cost as per financial bid on GeM portal of each cluster            Successful Delivery and Inspection of Hardware/ Equipment at the central location/ Bidder's Warehouse at Gandhinagar /Ahmedabad            50% of the Sum total of financial bid of each cluster (without O&amp;M cost)            Successful Installation, commissioning            20% of the Sum total of financial bid of each cluster (without O&amp;M cost)            Final acceptance test (FAT)            20% of the Sum total of financial bid of each cluster (without O&amp;M cost)            After Project "GO-LIVE" Satisfactorily Performance            10% of the Sum total of financial bid of each cluster (without O&amp;M cost).            Opex Cost as per financial bid on GeM portal of each cluster            Operational &amp; Maintenance support during the contract period of 5 years (Minimum Opex <del>30%</del> 10% of Project Value)            20 equal Quarterly Installments after the end of each quarter of each cluster.</p>	<p>Please see the changes in the revised bid document</p>
87		<p>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.</p>	<p>As per best Industry practice and accepted norms in all large ICT, Smart City/Safe City/Govt Tenders, We hereby request the honorable tender committee to change the bid evaluation to L1 bidding/Least Cost based Selection.            Published RFP is totally based on designing parameters &amp; integration solution to already existing solution, thus L1/LCBS evaluation methodology which will comply solution as well as best possible prices, whereas RA will call for poor quality solution &amp; products for such prestigious &amp; strategic project.</p>	<p>No Change, As per RFP.</p>

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88	3. Eligibility Criteria	<p>Bidder should be an established IT /Telecom/Security Surveillance Solutions System Integrator and should have been engaged in setting-up and Operations &amp; Maintenance Services of Network (Active or Passive) and Data Centres for a period of at least five years as on bid issuance date.</p> <p>Documents required: Work Orders / Client Certificates confirming year and area of activity should be enclosed.</p>	<p>As per best Industry practice and accepted norms in all large ICT, Smart City/Safe City/Govt Tenders , We here by request honourable tender committee to also include CA/CS certificate declaring " Specific Business Area (SBA) of the Bidder".</p> <p>Suggested modified clause: Documents required: Work Orders / Client Certificates confirming year and area of activity/CA or CS certificate declaring " Specific Business Area (SBA)" of the Bidder should be enclosed.</p>	No Change, As per RFP.
89	3. Eligibility Criteria	<p>OEM/Bidder Past Performance: IP CCTV Camera OEM {themselves or through re-seller(s)}/ Bidder should have supplied same or similar Category Products i.e. 1000 IP CCTV Camera quantity single order, in at least one of the last three Financial years before thenbid opening date to any Central / State Govt. Organization / PSU / Public Listed Company.</p> <p>Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year.</p> <p>Copy of work order and Completion certificate from Client on client letterhead</p>	<p>As per best Industry practice and accepted norms in all large ICT, Smart City/Safe City/Govt Tenders , We here by request honourable tender committee to expand Project experience from 3 years to 7 Years as min 2 years were lost owing to Covid Pandemic and related GOI restrictions due to which not much progress were made in Project execution across vertical/geography. 7 years project exp will widen &amp; increase the participation &amp; also same was accepted in the recently concluded Ahmedabad Safe City Tender.</p> <p>Suggested modified clause: OEM/Bidder Past Performance: IP CCTV Camera OEM {themselves or through re-seller(s)}/ Bidder should have supplied same or similar Category Products i.e. 1000 IP CCTV Camera quantity single order, in at least one of the last SEVEN Financial years before the bid opening date to any Central / State Govt. Organization / PSU / Public Listed Company/Reputed Large Companies. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year.</p>	As per RFP, No change

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
90	Section VI	<p>RFP Payment Terms as :</p> <p>Delivery : 50% of the Sum total of financial bid of each cluster (without O&amp;M cost)</p> <p>I&amp;C : 20% of the Sum total of financial bid of each cluster (without O&amp;M cost)</p> <p>FAT : 20% of the Sum total of financial bid of each cluster (without O&amp;M cost)</p> <p>After GO-LIVE : 10% of the Sum total of financial bid of each cluster (without O&amp;M cost)</p>	<p>We hereby request Honorable Tender Committee to accept below paymnet terms for better seamless execution of the project &amp; postive cashflow</p> <p>a.) 75% of the Total Component value of the Delivered Part (without O&amp;M cost).</p> <p>b.) 10% of Total Component value (without O&amp;M cost) on Completion of I&amp;C</p> <p>c.) 10% of Total Component value (without O&amp;M cost) on Completion of FAT.</p> <p>d.) 5% of Total Component value (without O&amp;M cost) on Completion of GO-LIVE.</p>	Please see the changes in the revised bid document
91	Section IV	Maximum Penalty cap for penalty for delay is 10% of contract value (i.e. total capex cost) for the ordered item.	<p>1. We hereby request Honorable Tender Committee to initially officially notify &amp; seek clarification with successful bidder and post mutual agreement may go ahead and purchase/procure goods/services from 3rd party.</p> <p>2. We request to cap the maximum penalty to 5% of QP amount.</p>	As per RFP, No change
92	Section VI	Total Timeline - T+120 days	<p>As per best Industry practice and accepted norms in all large ICT, Smart City/Safe City/Govt Tenders , We here by request honourable tender committee to extend Project delivery/execution timelines to 1 year from the date of accepted due to below genuine reasons:</p> <p>A. delay in supply of Cameras/Networking components due to shortage of chipsets in Global semi-conductor Industry &amp; disruption in SCM due to volatile Market and ongoing Ukraine-Russia War.</p> <p>B. There are approx 800 locations spread across Gujarat therefore 120 days project delivery timeline is practically not doable.</p>	Please see the changes in the revised bid document
93	General		<p>Clarification on RoW permission/Stake Holders Matrix required from GIL :</p> <p>Request Honourable Tender Committee to ensure Single Point Contact/owner from GIL for all ROW/Scope of work/integration/coordination related activities</p>	As per RFP, No change
94	Section 1	Under the GeM portal, in case of custom bids, the OEM of the product having highest bid value is considered as primary OEM. However, in this bid, for evaluation purposes OEM of CCTV Camera shall be considered as Primary OEM.	Kindly Clarify" OEM of the Product having highest bid value is consider as primary OEM"	As per RFP, No change

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
95	Section 1	All the Connecting cables should be UTP (23AWG) / fireproof outdoor type cable equipped for high durable application	Request you to change " Fireproof " to "Fire retardent" / Halogen Free Low Smoke for Cat 6 .	Please read it as:  I. All the Connecting cables should be UTP (23AWG) & fireproof/ fire retardant outdoor type cable equipped for high durable application.
96	Section 1	The storage should be designed, supplied, implemented and configured by using latest video compression technology. The storage defined in the RFP is given for reference purpose only. However, the solution should be capable to store & retrieve feeds of all the CCTV cameras in respective sites/Locations for the last 18 months along with the earmarked/flagged feeds by the TENDERER without any additional cost to the TENDERER.	Kindly clarify only alert earmarked/flagged feed needs to be 18 month stored or . Regular feed 18months in addition to earmarked /flagged 18 months.	18 months 24x7 countious recording in storage is the primary objective and addition of that earmarked/flagged feeds also need to stored as per the requirement.
97	Section 1	The bidder is required to deliver the material based on the surveyed BoQ approved by the respective Authority of Police station instead of quantity mentioned on GeM within the total limit of BoQ mentioned in the Bid. In case if the additional quantity required for installation & execution of solution except Camera and server, storage, UPS, Display, network switch, the bidder shall have to bear the cost for the same. However, in case of required BoQ is less than the total BoQ mentioned on GeM, the payment will be made on actual basis.	Request You Kindly include Cat6 , Power Cable 2.5 Sq mm , PVC Conduit , GI Pipe , Pole in existing clause for SITC as per running meter for additional camera supply .	No Change, As per RFP.
98	Form Factor/Mounting	3U/4U, 19" Rack Mounted	19" Rack Mounted	3U/4U defined for single unit/chassis of complete stack/main unit, combination of units/chassis can be higher U size to achieve 1PB & 2PB will be allowed.
99	No. of Controllers per appliance	Minimum 2 nos.	Dual Active-Active Controller with no single point of failure (NoSPF)	No Change, As per RFP.
100	Network Connectivity Per Controller	Minimum 4x 1GbE + 2x 10GbE SFP+ or higher	4 x 10GbE SFP+ for network	No Change, As per RFP.
101	Capacity Expansion	Should support 10 or higher JBOD's/Expansion Units or should have minimum 176 HDDs or better support in a single stack	Should support Expansion of 1 PB /2PB as per the site requirement.	No Change, As per RFP.
102	Storage Expansion Port per Controller	1 x 12Gb SAS Mini-SAS (SFF-8644)	1 x 12Gb SAS Port	Please read revised specification as:  5. Storage Expansion Port per Controller: 2 x 12Gb SAS Mini-SAS (SFF-8644)
103	Supported Network Protocols	SMB/CIFS, NFS/FTP/WebDAV, FC, iSCSI etc.	Yes	No Change, As per RFP.
104	Drive Support and Type	16 # 3.5" Drives (Upto 16TB per drive) or higher	Yes	No Change, As per RFP.
105		SAS/NL-SAS HDD, 7200 RPM or higher	SSD, SAS/NL-SAS HDD, 7200 RPM or higher	No Change, As per RFP.
106		Supports mix of SAS and SATA drives in the same enclosure	The Storage should supports mix of SAS and SATA drives.	No Change, As per RFP.
107	Cache/Memory	128 GB per Controller and upgradable to 256 GB per controller	64 GB cache across the dual Controller and upgradable to 128 GB.	Please read as:  Cache/Memory - 64 GB per device and upgradable to 128 GB per device.

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108	Storage Capacity along with expansion using JBODs	1000 TB usable capacity after application of RAID group + hot spare configuration per enclosure in a single stack For 1 PB 2000 TB usable capacity after application of RAID group + hot spare configuration per enclosure in a single stack	1000 TB usable capacity after application of RAID group + hot-spare For 1 PB 2000 TB usable capacity after application of RAID group + hot-spare For 2 PB	No Change, As per RFP.
109	Management Port per Controller	1 x RJ-45 1GbE Ethernet and 1 x Serial Port	Yes	No Change, As per RFP.
110	Green Features	Efficient 80 Plus Compliant Power Supply	Yes	No Change, As per RFP.
111	Supported OS	Windows Server 2008 or higher, Mac OS X 10.x, Linux (RHEL 6.5 or higher and SLES 11 or higher)	Windows, RHEL, SUSE and Ubuntu	No Change, As per RFP.
112	Power Supply	Should support Redundant Power Supply	Yes	No Change, As per RFP.
113	RAID configuration	1 , 5, 6,	5,6, and 10	Please read revised specification as: 14. RAID configuration: 1 , 5, 6, 50, 60 & Hot-spare support from day-1
114	Hot Spare Disk	It shall provide at least one hot spare disk per appliance/enclosure	It shall provide at least one hot spare disk per 30 drives.	The requirement is clearly for Hot Spare Drive in each unit even if there are multiple units in single stack, all the units should have hot spare drive.
115	General Features	Should support data migration to healthy drive if find un-healthy disk member in array before the disk drive fails.	Should support data migration to healthy drive if find un-healthy disk member in array before the disk drive fails.	No Change, As per RFP.
116	General Features	Should support remapping of bad sector of disk and SMART/equivalent error handling	Should support remapping of bad sector of disk and SMART/equivalent error handling	No Change, As per RFP.
117	General Features	Should support scheduled Backup and incremental backup for data backup and recovery	Should support scheduled Backup and incremental backup for data backup and recovery	Please read revised specification as: 16. General Features: Should support scheduled Backup, Asynchronous Backup and incremental backup with Cloning of Share & Volume for data backup and recovery
118	General Features	Should support Write Once Read Many (WORM) feature	Yes	No Change, As per RFP.
119	General Features	Should support logging of NVRAM error	Yes	No Change, As per RFP.
120	Addition Request	Should support for Cloud Backup	Should support for Cloud Integration	No Change, As per RFP.
121	Addition Request	Addition Request	Storage should have data replication feature	No Change, As per RFP.
122	Addition Request	Addition Request	Storage should dual power supply, dual FAN.	No Change, As per RFP.
123	Addition Request	Addition Request	In Case of Power Failure the storage should have capability to de-stage the data or the battery protection. The de-staging capacity should be equivalent to the cache.	Please refer additional specification as: The storage system shall come standard with Advanced Battery Flash Backup design and should have Cache to Flash features Built-in.
124	Warranty/Replacement	Five years warranty/replacement from OEM for appliance including SAS HDDs	Yes	No Change, As per RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
125	Functional requirement	Bidder should have to ensure 18 Month capacity. The storage requirements mentioned in this RFP are a minimum indicative requirements. The bidders are advised to carry out a detailed assessment of the storage requirements to fulfill the objectives of this RFP. Any additional storage capacity requirements for the same as a part of the solution. The same has to be managed by the bidder at no additional cost to the tenderer. Bidder has to submit the required storage detail in the solutions document.		No Change, As per RFP.
126	RFP Document	Health monitoring and management of all the Cameras, Servers, NVR, Storage, etc. will be performed by the bidder.	<p>Please revise this clause as " Health monitoring and management of all the Cameras, Servers, NVR, Storage, etc. will be performed by the bidder. Bidder shall provide the solution that shall provide future scalability of the whole system without major architectural changes and should adhere to Microservices and thus be built on modern container technologies, and have an options to deploy on classic mode (non containerised) as well as containerized ( like Docker, Kubernetes ) mode. The solution should either support built in Kubernetes technology or Bring Your Own Kubernetes (BYOK) platform provided by the bidder"</p> <p>Need to revise this section to maximize future scalability : Reason for change: Container deployment support is mandatory as the Containerised architecture provides greater flexibility of deployment and better maintenance of IT Operation and enable for cloud ready architecture to ensure investment protection."</p>	Bidder shall provide the solution that shall provide future scalability of the whole system without major architectural changes.
127	RFP Document	The proposed Centralized Network Health and Performance management system should be monitored remotely from all cities/district mentioned above	<p>Please revise this clause as " The proposed Centralized Network Health and Performance management system should be monitored remotely from all cities/district mentioned above and NMS software should be FIPS 140-2 compliant in order to ensure secure communication with IT infra and applications "</p> <p>Need to revise this section to section to secure cyber attacks Reason for change : It is important to project EMS applications from Cyber attack and attackers target EMS/NMS applications to get access to core application and network. There has been multiple incidents of such breach / attack to enterprise network due to EMS/NMS not sufficiently security proof.</p>	No Change, As per RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
128	RFP Document	Existing clause: Instant alerts should be generated to the representative if any device is down and escalated to multiple authorities. Weekly, monthly and other reports required for SLA monitoring should be generated automatically for performance management.	Please revise the clause as " Instant alerts should be generated to the representative if any device is down and escalated to multiple authorities. Weekly, monthly and other reports required for SLA monitoring should be generated automatically for performance management. Service management & SLA monitoring solution proposed by bidder should be built on ITIL framework and must be officially certified on the current ITIL v4 best practices on at least 10 processes by Pink Elephant. Need to revise this section : Reason for change: Compliance to latest ITIL standard - V4 is mandatory for any IT Deployment to ensure proper service management process is implemented and end user satisfaction and no surprises and bottleneck during Operation and maintenance phase."	No Change, As per RFP.
129	Annexure C (Technical Specification	The solution should have dual-stack IP support (support both IPv4 and IPv6) and should be completely vendor agnostic in nature to be able to monitor a multi-vendor environment.	Please revise this clause as "The solution should have dual-stack IP support (support both IPv4 and IPv6) and should be completely vendor agnostic in nature to be able to monitor a multi-vendor environment and support run on Window & Linux. All the required modules should be from same OEM and should be tightly integrated, modular and scalable solution from single OEM with across all the modules (i.e. Network Monitoring, server Monitoring, Security Information & Event Management and Service Management tools/logger ), for single pane of glass view of enterprise monitoring." Need to revise this section For Open architecture and improved compatibility and integration, ease of operation, hassle free implementation for customer. Reason for change : For Open architecture and improved compatibility and integration, ease of operation, hassle free implementation for customer.	The solution should have dual-stack IP support (support both IPv4 and IPv6) and should be completely vendor agnostic in nature to be able to monitor a multi-vendor environment. and support run on Window or Linux.
130	Annexure C (Technical Specification	The system should be capable to retrieve and show fault, performance, inventory and SLA data in a single dynamic view with option to export the views into PDF, Word, Excel, HTML etc. formats depending on the need. System should have capability to add any additional information about the nodes via custom fields.	The "Word" Format Reports are not industry standard The clause should be "The system should be capable to retrieve and show fault, performance, inventory and SLA data in a single dynamic view with option to export the views into PDF/Word/Excel/HTML etc. formats depending on the need. System should have capability to add any additional information about the nodes via custom fields." Please revise section and remove 'Word' format from this section and keep clause with or/or	The system should be capable to retrieve and show fault, performance, inventory and SLA data in a single dynamic view with option to export the views into PDF, Word/Excel, HTML etc. formats depending on the need. System should have capability to add any additional information about the nodes via custom fields.
131	Annexure C (Technical Specification	Automatically learn devices that supports SNMP, HTTP, Ping, SMTP, POP3, SOAP, REST API, PDC, SSH and Telnet along with any required protocol to communicate to the devices.	Need clarity as Network devices supports different set of protocols where as server supports different protocols. As POP3 and SMTP are exchange/Email related protocols, Please elaborate with the scenario and use case of PDC protocol. Please revise and remove POP3/SMTIP and PDC word from section	No Change, As per RFP.



Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
132	Annexure C (Technical Specification)	Sends alert via E-mail, SMS, Execute Batch file, SNMP Trap, XML notification, Pop-up window and Audio alert	Request to remove pop up window as it is not practice to open popup for thousand of alarms and revise the clause with "Sends alert via E-mail/SMS/Execute Batch file/SNMP Trap/XML notification/Audio Alert" Please revise section keeping or/or/or and remove "Popup window option"	Sends alert via E-mail, SMS, SNMP Trap, Execute Batch file/ XML notification, Pop-up window /Audio alert
133	Annexure C (Technical Specification)	Tool should have option to display distance between devices in Topology Maps especially for branch gateway devices	Please clarify if distance is dynamic Value or fixed value which can be displayed on image/map. This section not required in monitoring section need to be removed	Please read below feature in Network Management Software (NMS) Stands to deleted. Tool should have option to display distance between devices in Topology Maps especially for branch gateway devices
134	Annexure C (Technical Specification)	It should be a Drag & Drop based Network Diagram builder, Dynamically Upload Images, Customizable objects to support multiple vendors, capability to export maps in an XML format and upload to any other system.	Our understanding is to export dashboard/map from one instance of the system and import into another instance of same system. Please confirm this understanding is correct Or share your understanding of requirement This section is not required as part of this project please remove	No Change, As per RFP.
135	Annexure C (Technical Specification)	Panel View a. Panel view should look similar to the actual device front panel b. System should automatically detect the device model display the right panel without any additional configuration c. Panel should show all the monitored interface with status d. Fan status with live fan icon and LED status for power	None of Enterprise NMS tool provide Panel view or front view point (a) to point (d), hence, we request you to remove these clause. This section not required in monitoring section need to be removed	Please read below feature in Network Management Software (NMS) Stands to deleted. "Panel view should look similar to the actual device front panel"
136	Annexure C (Technical Specification)	Should identify which users, applications, protocols, countries, AS numbers, top routers, and top interfaces are consuming the most bandwidth	Identify User is something not standard enterprise NMS monitoring, it is out of context and it should be removed as this project scope covers the monitoring of Camera, Network devices. Need to remove the 'user' word	No Change, As per RFP.
137	Annexure C (Technical Specification)	Should be able to receive flows from non-SNMP-enabled devices,	Please share the list of devices which are non-snmp and kindly share make and model. The industry-standard protocols for flow are NetFlow, JFlow, SFlow, and IPFIX traffic data capture methodologies, please confirm your requirement are met with these protocols.	No Change, As per RFP.
138	Annexure C (Technical Specification)	Should monitor Type of Service (ToS), Differentiated Services Codepoint (DSCP), and Per-Hop Behaviour (PHB),BGP AS and NEXT HOP	As PHB is protocol which is managed by device what is use case for (PHB) and NEXT HOP please elaborate this point is not relevant for Enterprise NMS Monitoring Please remove per hub behaviour ( PHB ) & NEXT HOP as they are irrelevant.	Should monitor Type of Service (ToS), Differentiated Services Codepoint (DSCP), and Per-Hop Behaviour/(PHB)/BGP AS/ NEXT HOP

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
139	Annexure C (Technical Specification)	Should provide flow analysis with 1-minute granularity and The solution should be able to monitor up to 5 million flows per second, and should employs advanced optimization methods	Basis our experience, 5 million flows per second is not feasible as it will choke the entire bandwidth and disrupt network service. Usually flow size for this size of network is around 6 million per minute. Kindly reconsider this point. Please remove this section or revise to 5 million per minute. As 5 million flow in 1 second is too huge and will choke the system.	Should provide flow analysis with 1-minute granularity and The solution should be able to monitor up to 5 million flows per Minute, and should employs advanced optimization methods
140	Annexure C (Technical Specification)	Tool should have option to collect and store system logs from target devices including AAA, routers, switches, WLC, servers, applications & databases	This functionality is not part of NMS solution . The best understanding of this project Network monitoring is the key requirement to monitor the camera and network devices that does not need syslog collections, We request the requirement of this clause to be removed from NMS specification. In case you feel Syslog collection is requirement please add a separate category called SIEM (Security Information and Event Management) which provides this functionality. To be removed or kept as separate SIEM section, as this is part of SIEM (Security Information and Event Management) solution.	No Change, As per RFP.
141	Annexure C (Technical Specification)	Tool should have multiple filtering options for incoming system logs based on target device, log_ID, severity, level, message, OS type, application / database etc.	This functionality is not part of NMS solution . The best understanding of this project Network monitoring is the key requirement to monitor the camera and network devices that does not need syslog collections, We request the requirement of this clause to be removed from NMS specification. In case you feel Syslog collection is requirement please add a separate category called SIEM (Security Information and Event Management) which provides this functionality To be removed or kept as separate SIEM section, as this is part of SIEM (Security Information and Event Management) solution.	No Change, As per RFP.
142	Annexure C (Technical Specification)	Tool should have option to export specific syslog messages to users via email / SMS	This functionality is not part of NMS solution . The best understanding of this project Network monitoring is the key requirement to monitor the camera and network devices that does not need syslog collections, We request the requirement of this clause to be removed from NMS specification. In case you feel Syslog collection is requirement please add a separate category called SIEM (Security Information and Event Management) which provides this functionality To be removed or kept as separate SIEM section, as this is part of SIEM (Security Information and Event Management) solution.	No Change, As per RFP.
143	Annexure C (Technical Specification)	System licensing should be based only on Physical Hosts and not charge separately for individual guest VMs running on VM Hosts	None of Industry leading EMS solution provide Licensing based on physical host for guest VM's monitoring, Most popular Industry standard is based on OS instance. Please modify this clause as "System licensing should be based on OS instance" Need be removed this section as it is non industry standard requirement. Please modify this clause as "System licensing should be based on OS instance"	No Change, As per RFP.

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144	Annexure C (Technical Specification)	Integration should provide the option in both north as well as south bound integration on each module level. Any fault details should be able to send to third party CRM, Customer Portal, UNMS or even EMS if needed using the Trap, XML and even direct database query integration	REST API integration is the most open and latest industry standard which is missing and XML is older standard . We suggest to Modify this clause as "Any fault details should be able to send to third party CRM, Customer Portal, UNMS or even EMS if needed using the Trap/XML/direct database query/REST integration" Please revise this section and add REST API to the desired methods of integratio, as this is latest technology.	Integration should provide the option in both north as well as south bound integration on each module level. Any fault details should be able to send to third party CRM, Customer Portal, UNMS or even EMS if needed using the XML, Trap/ REST Integration/direct database query integration
145	Annexure C (Technical Specification)	Provide 12+ open APIs in the system which can be used by customers for integrating their own systems. Integration should provide the option in both north as well as south bound integration using multiple options like RestAPI, XML, SOAP, Corba etc. on each module level. Any fault details should be able to send to third party CRM, Customer Portal, UNMS or even EMS if needed using the Trap, XML and even direct database query integration Video Management Software	REST API integration is the most open and latest industry standard which is missing and XML, corba, SOAP is older standard . We suggest to Modify this clause as "Integration should provide the option in both north as well as south bound integration using multiple options like REST API/XML/SOAP/Corba etc. on each module level. Any fault details should be able to send to third party CRM, Customer Portal, UNMS or even EMS if needed using the Trap/XML/direct database query /REST integration"	Integration should provide the option in both north as well as south bound integration using multiple options like XML, REST API/ SOAP/ Corba etc. on each module level. Any fault details should be able to send to third party CRM, Customer Portal, UNMS or even EMS if needed using the XML, Trap/direct database query /REST integration
146	RFP Document	Additional clause	Suggested clause "Suggested clause: The proposed EMS solution should have at least 3 deployments (in state/central Government/ PSU) in India with 10,000 devices being monitored in each of these deployments in last five years. Reference PO copy and completion/ sign-off document need to be submitted at the time of submission." Reason for addition: Customer reference is important to ensure bidders propose proven and stable solution for the success of the project outcomes. Please revise this section and remove '12+ API' WORD and add REST API to the desired methods of integratio, as this is latest technology. Request to add this section. Reason for addition: Customer reference is important to ensure bidders propose proven and stable solution for the success of the project outcomes.	No Change, As per RFP.
147	RFP Document	Additional clause	Suggested clause "The proposed IT Service Management OEM must be an industry standard, enterprise grade solution and shall be present in either Leaders or Challengers (Strong Performers / Major Players) Quadrant of Forrester / Gartner / IDC report for ITSM in the last 3 published reports. Reason for addition: This will ensure proven and quality solutions qualify and also allow sufficient OEMs to qualify for the benefit of the project to be successful Request to add this section. Reason for addition: This will ensure proven and quality solutions qualify and also allow sufficient OEMs to qualify for the benefit of the project to be successful	No Change, As per RFP.
148	Eligibility Criteria	MSE Exemption for Years of Experience and Turnover - No	Please make the MSE Exemption – YES As per the Government of India GeM ACT.	No Change, As per RFP.

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149	4. Scope of Work and Terms and Conditions 3.12. Other Requirements Annexure C Technical Specification Bullet camera Dome camera Bullet camera for costal area police station Dome camera for costal area police station Annexure C Technical Specification *16 CH Network Video Recorder with 12 TB Storage *16 CH Network Video Recorder with 16 TB Storage *32 CH Network Video Recorder with 24 TB Storage *32 CH Network Video Recorder with 32 TB Storage	CCTV & Storage OEM Turnover Criteria	Please make the OEM (CCTV & Storage) presence in India from Last Three Years. As we have asked for the three Year Turnover for the OEM	Please refer the additional clause as:  3. Eligibility Criteria: PQ.7. OEM Presence OEMs of proposed equipment/components (CCTV Camera & VMS) should have their own registered office in India as per the prevalent/ applicable laws of India and be in operation in India for last five ( 5) years as on the bid issuance date. Registered offices by way of Joint ventures, Franchise, agency, distribution partners will not be considered.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
150	4. Scope of Work and Terms and Conditions 3.12. Other Requirements Annexure C Technical Specification Bullet camera Dome camera Bullet camera for costal area police station Dome camera for costal area police station Annexure C Technical Specification *16 CH Network Video Recorder with 12 TB Storage *16 CH Network Video Recorder with 16 TB Storage *32 CH Network Video Recorder with 24 TB Storage *32 CH Network Video Recorder with 32 TB Storage	x. All Quoted Cameras and NVR should have CE/ equivalent Indian Standard, FCC/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard Certified and BIS certification required. In case of Make in India Product UL certification is not required	x. Please remove the ----In case of Make in India Product UL certification is not required. These certificate will assure you the quality of the Products and its clearly given option for the equivalent Indian Standard. Make in India company should have the Indian Standard which will ensure the quality and standard of the products. IF some components of the Products can be import than also the Make in India Company have to take the BIS as Products line Camera, NVR, Storage and other power products have BIS mandatory.	Please read the clause as:  All Quoted Cameras and NVR should have FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, IEC/BIS/Equivalent Indian Standards. Note: In case of Make in India Products UL certification is not required. However, MII product should have a certification from a NABL-approved lab/STQC Lab with equivalent IEC standard ( IEC 62368-1) before the date of publishing of the RFP
151	Annexure C Technical Specification Storage 1PB & 2PB	All Quoted Storage should have CE/ equivalent Indian Standard, FCC/equivalent Indian Standard, IEC 62368-1/ equivalent Indian Standard and BIS	<u>As per GoI BIS is mandatory for the Storage.</u>	Please read the additional specification as:  All Quoted Server & Storage should CE/ equivalent Indian Standard, FCC/ equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard Certified and BIS certification required. Note: In case of Make in India Product UL certification is not required, however, MII product should have a certification from a NABL-approved lab/STQC Lab with equivalent IEC standard ( IEC 62368-1) before the date of publishing of the RFP
152	3.3. Replacement of existing CCTV cameras system along with enhanced storage capacity at existing police stations	h. Bidders need to replace existing server with NVR at existing police stations.		Query not understood/ clear

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153	3.5. General Requirements for IP Video Surveillance / CCTV System at all police stations (existing and new) and branch offices (SOG, DCB, LCB, LIB, Cyber Police stations)	RAID –Storage must have support of RAID 5, RAID 6 & Hot Spare from day 1 so that minimum 2 hard disk backup should be there to protect storage in case of any hard disk failure.	<p>Alongwith RAID technology, We also request to consider Sequential Storage System.</p> <p><u>It is a technology which is specifically designed for long video data retention. We believe that this project has objective of long Video Data Retention.</u></p> <p>COLDSTORE is NVR based solution that is rugged NVR with operating temperatures upto 50 degrees and storage capacity of 300TB or above with low noise &lt;45db to install anywhere without server room.</p> <p>It is very powerfull though very simple system. Proposed system can provide generous storage capacity at a very low cost (CAPEX and OPEX) without compromising any performance. Simple in concept, that delivers a highly reliable storage system which dramatically extends storage disk lifetime even if using the lowest cost disks available.</p>	No Change, As per RFP.
154	3.5. General Requirements for IP Video Surveillance / CCTV System at all police stations (existing and new) and branch offices (SOG, DCB, LCB, LIB, Cyber Police stations)	The NVR at police stations must have capacity to store video footages for 01 month period. The NVR should be capable of recording both video and audio. The NVR should be able to transfer the video and audio footages automatically to the central storage located at respective SP office. In case of connectivity is lost, the NVR should be able to transfer the video footages automatically (without manual intervention) from the connectivity failure point / time, once the connectivity is restored.	Proposed architecture may have certain operating issues as storage is centralized. Video data is continues data unlike normal data. We recommend full Recording of Cameras at Police Station Level with 18 Months of Recording and Command and control center at central level where hardware health, on demand viewing & network monitoring should be done.	No Change, As per RFP.
155	3.7 Recording and Monitoring at SP/CP office level	d. All the video and audio recordings / footages shall be stored for 18 months at SP/CP level. The bidder has to ensure that all the video and audio feeds are transferred from respective police stations & branch offices and are stored, as per Honorable Supreme Court’s order, for atleast 18 months at SP/CP level.	We also recommend that, it should be a Low-Resolution Recording of Cameras at SP/CP Level with 1 Month of Recording. This design will save the Hardware & Bandwidth Cost with Low Maintenance.	No Change, As per RFP.
156	3.5. General Requirements for IP Video Surveillance / CCTV System at all police stations (existing and new) and branch offices (SOG, DCB, LCB, LIB, Cyber Police stations)	ee.Display – NVR should have direct display option through HDMI & VGA/DVI interface	NVR should have a direct display option through HDMI & VGA/DVI interface/ Remote Client Interface	No Change, As per RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
157	Overall Solution Design Optimisation	Overall Solution Design Optimisation	Looking at the objective and architecture proposed, Our Suggestions are: 1. Recording at Full HD resolution and 25FPS for 18 Months should happen at Police Station Level. 2. If required backup with lower resolutions and frame rates can be done centrally or can be pulled from the police station as and when needed. This will result in lower bandwidth costs and low storage costs at the center. 3. Low Power consumption and Rugged Solutions like COLDSTORE should be considered at both the police station level & SP/CP Level. This will minimize the power cost, and maintenance costs (HDD, UPS, etc). Even a fully populated 300TB array will use less than 60 watts. This low power consumption extends the electronic component lifetime, which, combined with extended disk lifetimes, reduced cooling costs and lower UPS purchase cost, results in a very low overall total cost of ownership.	No Change, As per RFP.
158	Scope of Work & Terms conditions	The successful bidder must replace existing CCTV surveillance system with new state-of-the-art system, along with buyback of existing CCTV cameras, servers and UPS.	Price bid doesnot have any separate line for buyback of existings system. Kindly confir procedure to derive the buyback prices quoted by vendor.	Please see the changes in the revised bid document
159	EMD/Bid security	Bidder has to provide separate EMD for each cluster bidder wants to bid for; bidder has to mention the name of the cluster on the envelope mentioning "EMD for 'Cluster Name	Request to kindly allow single EMD of total amount for the number of cluster quoted.	Bidder can submit the single EMD of the total amount for all clusters to participate. Subject to facility available under GeM portal
160	GEM documents	Bid is RA enabled	Due to large size of project. Request to kindly allow only L1 evaluation of the technically qualified bidders. Reverse Auction should be excused.	As per RFP, No change
161	The successful bidder will complete the Installation & Commissioning of CCTV camera and related accessories as per scope of work	T+120 days	This project includes supply & Installation at various locations . Request to kindly provide the timeline of atleast T+360 days to complete the project.	As per RFP, No change
162	Payment terms	50% against supply, 20% against I&C, 2% against FAT & 10% against Go-live	Request to kindly amend as " 70% against supply, 10% against I&C, 10% against FAT & 10% against Go-live on pro-rata basis.	As per RFP, No change
163	Tender due date	Bid end date is 25-11-2022	Request to kindly extend the date of submission by atleast 3 weeks due to large size bid & larger covergae area.	Extended
164	Technical Specifications	Processor - Latest generation Intel/AMD processor(s) with 12 or higher cores Processor speed should be minimum 2.2 GHz	Please advise on how many quantity of processors are required.	Minimum 1 processor required, bidder may quote as per solution requirement.
165	Technical Specifications	Graphics - Internal/External Graphic controller with minimum 2 GB video memory (nonshared), NVIDIA/AMD	Please advise on the GPU memory requirement because 2GB video memory is outdated specification and currently GPU comes with 16GB and more capacity.	No Change, As per RFP.
166	Technical Specifications	RAID support - 1, 3, 5, 6, with Hot Spares support	Please changes this as " RAID support - 1, 5, 6 with Hot Spares support"	Please read revised specification as: 14. RAID configuration: 1, 5, 6 & Hot-spare support

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
167	Technical Specifications	Operating System - The licensed latest version of Linux/Windows based Operating System	Please advise which operating system required and with any core/VM details. OS licenses are based on CPU cores based virtual machines.	12 or higher cores required. Bidder can propose any OS from Linux or Windows based on the solution.
168	Technical Specifications	Form Factor & HDD Bay - 3U/4U, 19" Rack Mounted with 16/24 Hard Disk Bay option	Please change this to "orm Factor & HDD Bay - 1U/2U, Rack Mounted with 16/24 Hard Disk Bay option"	3U/4U defined for single unit/chassis of complete stack/main unit, combination of units/chassis can be higher U size to achieve 1PB & 2PB will be allowed.
169	Technical Specifications	Interfaces - SAS/NLSAS JBOD expansion Port	Please advise how much usable capacity is required so appropriate capcaity can be configured.  There is also no OS boot drives or any data drives are mentioned. Kindly advise.	We have already asked for 128 GB internal memory which is specifically asked for OS only and not for storage, For storage appropriate calculation should be done as per bidder solution
170	Technical Specifications	Form Factor/Mounting: 3U/4U, 19" Rack Mounted	Please change rack dimentions to 42U. For 176 disks in single rack 42U rack is required.	3U/4U defined for single unit/chassis of complete stack/main unit, combination of units/chassis can be higher U size to achieve 1PB & 2PB will be allowed.
171	Technical Specifications	Network Connectivity Per Controller: Minimum 4x 1GbE + 2x 10GbE SFP+ or higher	Please remove 4x 1GbE and change 4 x 10GbE SFP+ per controller. 1Gbps is old technology. Most of the enterprise arrays offer 10Gbps ports for performance.	No Change, As per RFP.
172	Technical Specifications	Storage Expansion Port per Controller: 1 x 12Gb SAS Mini-SAS (SFF-8644)	Please change to atleast 4 x 12Gb SAS ports per controller. More SAS ports will provide higher pallelism and performance. 1 SAS port per controller is single point of failure.	Please read revised specification as:  5. Storage Expansion Port per Controller: 2 x 12Gb SAS Mini-SAS (SFF-8644)
173	Technical Specifications	Supported Network Protocols: SMB/CIFS, NFS/FTP/WebDAV, FC, iSCSI etc.	Please change as SMB/CIFS/NFS/FTP/WebDAV/FC/iSCSI etc. Based on the solution, please allow vendor to choose right protocol for storage.	No Change, As per RFP.
174	Technical Specifications	Drive Support and Type: 16 # 3.5" Drives (Upto 16TB per drive) or higher	Please allow to quote 14TB or higher drives.	Please read the clause as :  Drive Support and Type: 16 # 3.5" Drives (14TB per drive or higher)
175	Technical Specifications	Drive Support and Type: Supports mix of SAS and SATA drives in the same enclosure	Please remove this clause as SATA drives are obsolete now and no longer used in Enterprise arrays. Or make this requirement optional.	No Change, As per RFP.
176	Technical Specifications	Cache/Memory: 128 GB per Controller and upgradable to 256 GB per controller	Please change this as minimum 512GB per controller and upgradable to 2TB cache per array without replacing the existing controllers.  Higher cache will allow better performance as it will improve cache hits. Considering large capacity requirement higher cache is recommended.	Please read as:  Cache/Memory - 64 GB per device and upgradable to 128 GB per device.
177	Technical Specifications	Management Port per Controller: 1 x RJ-45 1GbE Ethernet and 1 x Serial Port	Please change this as 1 x RJ-45 1GbE or 1 x Serial port. Serial port is no longer used. 1GbE ports are used for management.	No Change, As per RFP.
178	Technical Specifications	Green Features: Efficient 80 Plus Compliant Power Supply	Please remove this specs. This is vendor specific.	No Change, As per RFP.



Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
179	Technical Specifications	Supported OS: Windows Server 2008 or higher, Mac OS X 10.x, Linux (RHEL 6.5 or higher and SLES 11 or higher)	Please change this to Windows Server 2012 or higher, Linux (RHEL 6.5 or higher and SLES 11 or higher) Windows 2008 is already obsolete. MAC OS is not used in most of the enterprise data centers.	No Change, As per RFP.
180	Technical Specifications	RAID configuration: 1 , 5, 6	Please change this to 1/5/6 as per the proposed solution.	Please read revised specification as: 14. RAID configuration: 1 , 5, 6, 50, 60 & Hot-spare support from day-1
181	Technical Specifications	General Features: Should support Write Once Read Many (WORM) feature	Please remove this specs. This is vendor specific.	No Change, As per RFP.
182	Technical Specifications	General Features: Should support logging of NVRAM error	Please remove this specs. This is vendor specific. NVRAM is not used in all the arrays.	No Change, As per RFP.
183	Technical Specifications	General Features: Should support for Cloud Backup	Please remove this specs. This is vendor specific.	No Change, As per RFP.
184	Evaluation method	2. Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases: i. If number of technically qualified bidders are only 2 or 3. ii. If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N. iii. In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1. iv. If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1 v. If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1	Reverse auction will be a major show stopper for us as well as as other Tier 1 system Integrator in the market. It is not a recommended practice for project of such high reput where solution design is a key aspect and bidder evaluation is based on lower price instead of quality/experience. A reverse auction only deals with lowering of prices. It does not give information on other costs involved in a contract. This may lead a Tenderer to choose a bidder who offers an apparently low price but who provides poor quality product, high cost of delivery or poor customer services.  Also, the minimum eligibility criteria of this project allows almost all SI (Tier 1 or Tier 2) small or large to be able to participate in this project, the only aspect remains with participants to win this project is to lowering the price regardless of quality and implementation capability of executing such high project.  Hence, in view of the above interest of this project we request to please change the bid evaluation method from Reverse auction to L1, Least cost based selection (LCBS).	No Change, As per RFP.
185	5.2. Payments Terms	5.2. Payments Terms	Since, this is a big project with multi city scope, delay in implementation of any one city due to administrative reason (due to ROW, work front availability or any other reason which is not related to SI) will result into non payment to SI who is not responsible for the delay. Hence, we request to please allow pro-rata payment for each milestone.	As per RFP, No change

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
186	Additional point	Additional point	<p>We request to Add NDAA compliance for all the offered cameras in Tender. NDAA compliance ensures that the video and telecommunication equipment are NOT from certain blacklisted/suspicious companies &amp; their subsidiaries. This will ensure the products are of top quality. NDAA compliances in being incorporated in other Defense, Airports and other Govt tender as well.</p>	<p>Undertaking required from OEM:</p> <p>No support and use of GB/T 28181 protocol</p> <p>The cameras offered must be cyber security certified with NDAA/UL Cyber security certificate/GDPR/NIST/ TPM/Cybersecurity Chipset/ ISO 27032 /Any other cyber security certificate from Indian Government body for mitigating cyber security risk.</p> <p>The MAC ID's of the CCTV Cameras to be supplied against this tender shall be registered in the name of the OEM of the CCTV Cameras.</p>
187	Additional point	Additional point	<p>Since the tender ask for 5 year operation and maintenance and within near future 2MP/Full HD cameras might be phased out therefore we request you to consider minimum 5 MP cameras for the tender. 5 MP cameras will give better clarity and will be latest available technology for the project operation period.</p>	<p>No Change, As per RFP.</p>
188	Additional point	Additional point	<p>Tender asks for NVR based system for Police Stations. NVR based systems does NOT support ANR, external storages, redundancy architecture and video analytics. This will limit the capabilities of the system. The presently used system at Police Station is Server-VMS only therefore we request you to kindly re-consider the specifications of NVR and change it to Server-software based solution.</p>	<p>No Change, As per RFP.</p>
189	Pt.10	Video Streaming-Triple Compressed Stream	<p>We propose to change to dual streams Instead of 3 streams</p> <p>The standard streaming model supported by cameras are dual stream ( 2 stream) which can be used for dedicated monitoring and recording, and as per camera standard one steam can be access by 5 user locally.</p>	<p>No Change, As per RFP.</p>

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
190	Pt.13 & 14	Number of Audio Input Channel Number of Audio Output Channel	<p>We request please allow : Audio Support Required (1 Input and 1 Output) or Built in Mic-- Audio In- if you use this function Audio in then you need to connect separate mic to the camera and give the power supply as well which lead the complexity in implementation and maintenance. Also the quality is totally depend on the mic used ( there is hardly any standard make mic available in industry), Instead of this if you use built in MIC, It's will very simple and implementation and maintenance and even the quality will be better. Audio Out- Audio out function is used when you need to make some announcement from monitoring station and it's should be get broadcasted to camera output where you have to connect the speaker with amplifier in standard setup at camera end, In current requirement there is no such need mentioned so requesting to remove this point.</p>	<p>Please refer the revised specification in SoW:  d. All types of IP cameras must have inbuilt mic and connectivity option for external mic from day 1. Bidder should ensure that audio recording should happen along with video on storage device from day 1.</p>
191	Pt.16 &17	Number of Alarm Digital Input Number of Alarm Digital Output	<p>Alarm In/out is a function which will be used for integration with 3rd party system or hooter buzzer etc. In current situation, we don't identify such need. And in case in future you will be required some solution, then Proposed NVR also have alarm In/out where we can do an integration Hence request to please remove this limiting criteria.</p>	<p>No Change, As per RFP.</p>
192	Pt.10	Video Streaming-Triple Compressed Stream	<p>We propose to change to dual streams Instead of 3 streams  The standard streaming model supported by cameras are dual stream ( 2 stream) which can be used for dedicated monitoring and recording, and as per camera standard one steam can be access by 5 user locally.</p>	<p>No Change, As per RFP.</p>
193	Pt.13	Number of Audio Input Channel Number of Audio Output Channel	<p>We request please allow : Audio Support Required (1 Input and 1 Output) or Built in Mic-- Audio In- if you use this function Audio in then you need to connect separate mic to the camera and give the power supply as well which lead the complexity in implementation and maintenance. Also the quality is totally depend on the mic used ( there is hardly any standard make mic available in industry), Instead of this if you use built in MIC, It's will very simple and implementation and maintenance and even the quality will be better. Audio Out- Audio out function is used when you need to make some announcement from monitoring station and it's should be get broadcasted to camera output where you have to connect the speaker with amplifier in standard setup at camera end, In current requirement there is no such need mentioned so requesting to remove this point.</p>	<p>Please refer the revised specification in SoW:  d. All types of IP cameras must have inbuilt mic and connectivity option for external mic from day 1. Bidder should ensure that audio recording should happen along with video on storage device from day 1.</p>
194	Pt.16 &17	Number of Alarm Digital Input Number of Alarm Relay Output	<p>We propose to change to dual streams Instead of 3 streams  The standard streaming model supported by cameras are dual stream ( 2 stream) which can be used for dedicated monitoring and recording, and as per camera standard one steam can be access by 5 user locally.</p>	<p>No Change, As per RFP.</p>

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
195	Pt. 12	NVR Should be capable of recording both Audio and Video. NVR should be capable to Transfer the audio and video footage automatically (without manual intervention) to the central storage. In case connectivity is lost the NVR should be capable to transfer the video footage automatically (without manual intervention) from the connectivity failure point/time, once the connectivity is restored.	We propose as instead of "NVR should be capable to Transfer the audio and video footage automatically (without manual intervention) to the central storage" to "NVR should be capable to transfer the recorded data or check the playback remotely at central location whenever is required ( on request basis)"	Please read revised specification as: 12. NVR Should be capable of recording both Audio and Video. NVR or VMS should be capable to Transfer the recorded audio and video footage automatically (Without manual intervention) to the central storage. In case connectivity is lost the NVR or VMS should be capable to transfer the video footage automatically (without manual intervention) from the connectivity failure point/time, once the connectivity is restored.
196	Pt. 12	NVR Should be capable of recording both Audio and Video. NVR should be capable to Transfer the audio and video footage automatically (without manual intervention) to the central storage. In case connectivity is lost the NVR should be capable to transfer the video footage automatically (without manual intervention) from the connectivity failure point/time, once the connectivity is restored.	We propose as instead of "NVR should be capable to Transfer the audio and video footage automatically (without manual intervention) to the central storage" to "NVR should be capable to transfer the recorded data or check the playback remotely at central location whenever is required ( on request basis)"	Please read revised specification as: 12. NVR Should be capable of recording both Audio and Video. NVR or VMS should be capable to Transfer the recorded audio and video footage automatically (Without manual intervention) to the central storage. In case connectivity is lost the NVR or VMS should be capable to transfer the video footage automatically (without manual intervention) from the connectivity failure point/time, once the connectivity is restored.
197	Pt.12	NVR Should be capable of recording both Audio and Video. NVR should be capable to Transfer the audio and video footage automatically (without manual intervention) to the central storage. In case connectivity is lost the NVR should be capable to transfer the video footage automatically (without manual intervention) from the connectivity failure point/time, once the connectivity is restored.	We propose as instead of "NVR should be capable to Transfer the audio and video footage automatically (without manual intervention) to the central storage" to "NVR should be capable to transfer the recorded data or check the playback remotely at central location whenever is required ( on request basis)"	Please read revised specification as: 12. NVR Should be capable of recording both Audio and Video. NVR or VMS should be capable to Transfer the recorded audio and video footage automatically (Without manual intervention) to the central storage. In case connectivity is lost the NVR or VMS should be capable to transfer the video footage automatically (without manual intervention) from the connectivity failure point/time, once the connectivity is restored.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
198	Pt.12	NVR Should be capable of recording both Audio and Video. NVR should be capable to Transfer the audio and video footage automatically (without manual intervention) to the central storage. In case connectivity is lost the NVR should be capable to transfer the video footage automatically (without manual intervention) from the connectivity failure point/time, once the connectivity is restored.	We propose as instead of "NVR should be capable to Transfer the audio and video footage automatically (without manual intervention) to the central storage" to "NVR should be capable to transfer the recorded data or check the playback remotely at central location whenever is required ( on request basis)"	Please read revised specification as: 12. NVR Should be capable of recording both Audio and Video. NVR or VMS should be capable to Transfer the recorded audio and video footage automatically (Without manual intervention) to the central storage. In case connectivity is lost the NVR or VMS should be capable to transfer the video footage automatically (without manual intervention) from the connectivity failure point/time, once the connectivity is restored.
199	28. Protection	28. Protection IP67 with extra corrosion proof coating	Kindly change to IP67 with extra corrosion proof coating/ Die Cast Aluminium	The requirement is for costal region housing can be of Die Cast Aluminium or better material and additionally coating of corrosion proof material as per C3 corrossivity category.
200	43 Certification	43 Certification FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, BIS, NEMA 4X. Note: In case of Make in India Product UL certification is not required.	Kindly change to FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, BIS, NEMA 4X/IP67. Note: In case of Make in India Product UL certification is not required.	The requirement is for costal region housing can be of Die Cast Aluminium or better material and additionally coating of corrosion proof material as per C3 corrossivity category.
201	28 Protection	28 Protection IP67 with extra corrosion proof coating	Kindly change to IP67 with extra corrosion proof coating/ Die Cast Aluminium	The requirement is for costal region housing can be of Die Cast Aluminium or better material and additionally coating of corrosion proof material as per C3 corrossivity category.
202	28 Protection	28 Protection IP67 with extra corrosion proof coating	Kindly change to IP67 with extra corrosion proof coating/ Die Cast Aluminium	The requirement is for costal region housing can be of Die Cast Aluminium or better material and additionally coating of corrosion proof material as per C3 corrossivity category.
203	43 Certification	43 Certification FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, BIS, NEMA 4X. Note: In case of Make in India Product UL certification is not required.	Kindly change to FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, BIS, NEMA 4X/IP67. Note: In case of Make in India Product UL certification is not required.	Please read the clause as:  FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, BIS, NEMA 4X. Note: In case of Make in India Product UL certification is not required, however , MII product should have a certification from a NABL-approved lab/STQC Lab with equivalent IEC standard ( IEC 62368-1) before the date of publishing of the RFP
204	Should support 16 in & 4 out Alarm interfaces and 2 serial interfaces (RS232/RS485)	7. Should support 16 in & 4 out Alarm interfaces and 2 serial interfaces (RS232/RS485)	Please note this is OEM specific requirement is restricting other OEMS Windows Server solution . Hence please remove this Clause.	No Change, As per RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
205	Operating Temperature: 0-50 °C, should be Rack mounted	11. Operating Temperature: 0-50 °C, should be Rack mounted	Most of the Major OEM Server support temp upto 35 deg C . Hence please change to Operating Temperature: 0-35 °C, should be Rack mounted	No Change, As per RFP.
206	Should support 16 in & 4 out Alarm interfaces and 2 serial interfaces (RS232/RS485)	7. Should support 16 in & 4 out Alarm interfaces and 2 serial interfaces (RS232/RS485)	Please note this is OEM specific requirement is restricting other OEMS Windows Server solution . Hence please remove this Clause.	No Change, As per RFP.
207	Operating Temperature: 0-50 °C, should be Rack mounted	11. Operating Temperature: 0-50 °C, should be Rack mounted	Most of the Major OEM Server support temp upto 35 deg C . Hence please change to Operating Temperature: 0-35 °C, should be Rack mounted	No Change, As per RFP.
208	Should support 16 in & 4 out Alarm interfaces and 2 serial interfaces (RS232/RS485)	Item No.- 5: 32 CH Network Video Recorder with 24 TB Storage 7. Should support 16 in & 4 out Alarm interfaces and 2 serial interfaces (RS232/RS485)	Please note this is OEM specific requirement is restricting other OEMS Windows Server solution . Hence please remove this Clause.	No Change, As per RFP.
209	Operating Temperature: 0-50 °C, should be Rack mounted	Item No.- 5: 32 CH Network Video Recorder with 24 TB Storage 11. Operating Temperature: 0-50 °C, should be Rack mounted	Most of the Major OEM Server support temp upto 35 deg C . Hence please change to Operating Temperature: 0-35 °C, should be Rack mounted	No Change, As per RFP.
210	VGA and HDMI, 2 nos. of USB port, e-SATA, should support Network, USB & e-SATA data backup	Item No.- 5: 32 CH Network Video Recorder with 24 TB Storage 6. VGA and HDMI, 2 nos. of USB port, e-SATA, should support Network, USB & e-SATA data backup	E-Sata is old and unsecure storage technology . Request to remove this Option. All Stoarge must be Inbuilt	No Change, As per RFP.
211	Should support 16 in & 4 out Alarm interfaces and 2 serial interfaces (RS232/RS485)	Item No.- 6: 32 CH Network Video Recorder with 32 TB Storage 7. Should support 16 in & 4 out Alarm interfaces and 2 serial interfaces (RS232/RS485)	This requirement is restricting Windows Server solution . Hence please remove this Clause.	No Change, As per RFP.
212	Operating Temperature: 0-50 °C, should be Rack mounted	Item No.- 6: 32 CH Network Video Recorder with 32 TB Storage 11. Operating Temperature: 0-50 °C, should be Rack mounted	Most of the Major OEM Server support temp upto 35 deg C . Hence please change to Operating Temperature: 0-35 °C, should be Rack mounted	No Change, As per RFP.
213	VGA and HDMI, 2 nos. of USB port, e-SATA, should support Network, USB & e-SATA data backup	Item No.- 6: 32 CH Network Video Recorder with 32 TB Storage 6. VGA and HDMI, 2 nos. of USB port, e-SATA, should support Network, USB & e-SATA data backup	E-Sata is old and unsecure storage technology . Request to remove this Option. All Stoarge must be Inbuilt	No Change, As per RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
214	PQ5 OEM/Bidder Past Performance:	PQ5 OEM/Bidder Past Performance:  IP CCTV Camera OEM {themselves or through re-seller(s)}/ Bidder should have supplied same or similar Category Products i.e. 1000 IP CCTV Camera quantity single order, in at least one of the last three Financial years before the bid opening date to any Central /State Govt. Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. Copy of work order and Completion certificate from Client on client letterhead	Request to modify as follows: PQ5 OEM/Bidder Past Performance:  IP CCTV Camera OEM {themselves or through re-seller(s)}/ Bidder should have supplied same or similar Category Products i.e. 1000 IP CCTV Camera quantity single order, in at least one of the last-3 5 Financial years before the bid opening date to any Central / State Govt/or similar/private. Organization / PSU / Public Listed Company/ . Copies of relevant contracts (proving supply of cumulative order quantity in <del>any one financial year</del> ) to be submitted along with bid in support of quantity supplied in the relevant Financial year. Copy of work order and Completion certificate from Client on client letterhead	No Change, As per RFP.
215	PQ5 OEM/Bidder Past Performance:	PQ5 OEM/Bidder Past Performance:  IP CCTV Camera OEM {themselves or through re-seller(s)}/ Bidder should have supplied same or similar Category Products i.e. 1000 IP CCTV Camera quantity single order, in at least one of the last three Financial years before the bid opening date to any Central / State Govt. Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. Copy of work order and Completion certificate from Client on client letterhead	We understand Go-live letter for large projects consisting of Cameras with execution timeline spread over several years shall be acceptable for "proving supply of cumulative order quantity in any one financial year", please confirm	No Change, As per RFP.
216	PQ5 OEM/Bidder Past Performance:	PQ5 OEM/Bidder Past Performance:  IP CCTV Camera OEM {themselves or through re-seller(s)}/ Bidder should have supplied same or similar Category Products i.e. 1000 IP CCTV Camera quantity single order, in at least one of the last three Financial years before the bid opening date to any Central / State Govt. Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. Copy of work order and Completion certificate from Client on client letterhead	We understand Client Go-live letter for large projects consisting of Cameras with execution timeline spread over more than one financial year, shall be acceptable for "proving supply of cumulative order quantity in any one financial year", please confirm	No Change, As per RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
217	3.2 Scope of Work for the VISWAS Phase-II  Important points related to scope of VISWAS Phase-II	3.3 Implementation Timelines for the Bidder	We understand due to any delay from customer side, payment will be released to SI for partial/incomplete installation and commissioning milestone on pro-rata basis. Please confirm our understanding.	No Change, As per RFP.
218	Annexure C  Bullet camera(including for costal area police station)	Video Streams- Triple Compressed Stream	We propose to change to dual streams Instead of 3 streams  The standard streaming model supported by cameras are dual stream ( 2 stream) which can be used for dedicated monitoring and recording, and as per camera standard one steam can be access by 5 user locally.	No Change, As per RFP.
219	Annexure C  Bullet camera(including for costal area police station)	Audio Support Required (1 Input and 1 Output)	We request please allow : Audio Support Required (1 Input and 1 Output) or Built in Mic-- Audio In- if you use this function Audio in then you need to connect separate mic to the camera and give the power supply as well which lead the complexity in implementation and maintenance. Also the quality is totally depend on the mic used ( there is hardly any standard make mic available in industry), Instead of this if you use built in MIC, It's will very simple and implementation and maintenance and even the quality will be better. Audio Out- Audio out function is used when you need to make some announcement from monitoring station and it's should be get broadcasted to camera output where you have to connect the speaker with amplifier in standard setup at camera end, In current requirement there is no such need mentioned so requesting to remove this point.	Please refer the revised specification in SoW:  d. All types of IP cameras must have inbuilt mic and connectivity option for external mic from day 1. Bidder should ensure that audio recording should happen along with video on storage device from day 1.
220	Annexure C  Bullet camera(including for costal area police station)	Alarm Support Required (1 Input and 1 Output)	Alarm In/out is a function which will be used for integration with 3rd party system or hooter buzzer etc. In current situation, we don't identify such need. Hence request to please remove this limiting criteria.	No Change, As per RFP.
221	Bullet camera(including for costal area police station)	Video Streams- Triple Compressed Stream	We propose to change to dual streams Instead of 3 streams  The standard streaming model supported by cameras are dual stream ( 2 stream) which can be used for dedicated monitoring and recording, and as per camera standard one steam can be access by 5 user locally.	No Change, As per RFP.



Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
222	Annexure C Dome camera (including for costal area police station)	Audio Support Required (1 Input and 1 Output)	We request please allow : Audio Support Required (1 Input and 1 Output) or Built in Mic-- Audio In- if you use this function Audio in then you need to connect separate mic to the camera and give the power supply as well which lead the complexity in implementation and maintenance. Also the quality is totally depend on the mic used ( there is hardly any standard make mic available in industry), Instead of this if you use built in MIC, It's will very simple and implementation and maintenance and even the quality will be better. Audio Out- Audio out function is used when you need to make some announcement from monitoring station and it's should be get broadcasted to camera output where you have to connect the speaker with amplifier in standard setup at camera end, In current requirement there is no such need mentioned so requesting to remove this point.	Please refer the revised specification in SoW:  d. All types of IP cameras must have inbuilt mic and connectivity option for external mic from day 1. Bidder should ensure that audio recording should happen along with video on storage device from day 1.
223	Annexure C Dome camera (including for costal area police station)	Alarm Support Required (1 Input and 1 Output)	Alarm In/out is a function which will be used for integration with 3rd party system or hooter buzzer etc. In current situation, we don't identify such need. Hence request to please remove this limiting criteria.	No Change, As per RFP.
224	Multiple number of VMS base lice is asked in each cluster ex: 27nos in Cluster-1, 21nos in Cluster-2, 22nos in Cluster-3, 10nos in Cluster-4	Multiple number of VMS base lice is asked in each cluster ex: 27nos in Cluster-1, 21nos in Cluster-2, 22nos in Cluster-3, 10nos in Cluster-4	Need clarity on each VMS base lic require for how many Cameras and Client license.	Base licences have been asked according to the number of SP offices in each cluster.
225	"Replacement of existing CCTV surveillance system with new state-of-the-art system, along with buyback of existing CCTV surveillance system"	"Replacement of existing CCTV surveillance system with new state-of-the-art system, along with buyback of existing CCTV surveillance system"	Please elobrate the expectation from buyback of existing camera. And request to remove remove buy back from the current bid scope	We may add one of the line item in the BoM
226	"All the Connecting cables should be UTP (23AWG) / fireproof outdoor type cable equipped for high durable application.	"All the Connecting cables should be UTP (23AWG) / fireproof outdoor type cable equipped for high durable application.	We understand Fireproof hear means FRLS cables. Please confirm if our understanding is correct.	Please read it as:  l. All the Connecting cables should be UTP (23AWG) & fireproof/ fire retardant outdoor type cable equipped for high durable application.
227	3.5. General Requirements for IP Video Surveillance / CCTV System at all police stations	"The NVR should be capable of recording both video and audio. The NVR should be able to transfer the video and audio footages automatically to the central storage located at respective SP office. In case of connectivity is lost, the NVR should be able to transfer the video footages automatically (without manual intervention) from the connectivity failure point / time, once the connectivity is restored.	From the clause we understand clients expectation is the video storage in the NVR locally first and parallely another stream to will go to SP office too . And the streams would be continuously recorded at both the locations. For 1 month the video will be stored at in the NVR (at police station) while the entire 18 month video will be stored at SP office storage. Please confirm if our understanding is correct.	Bidder has to provide 1 month storage capacity in NVR at Police station level and 18 month storage capacity in storage kept at SP office level. It is bidder responsibility to meet the RFP objective. Hence, bidder can use their expertize to achive the overall objective.
228	"Lic bank"	Price Bid & Make Model ""Lic bank"	Kindly advise what bidder need to offer against these line item in Price bid (all cluster)and Make Model Sheet.	Bidder has to submit the Make and Model of VMS in the VMS Base license (VMS Base lic) and VMS License bank (Lic bank)

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229	"20. Storage 1PB" and "21. Storage 2 PB"	Price Bid ""20. Storage 1PB" and "21. Storage 2 PB"	We understand the requirement mentioned in the price bid is not usable capacity and is the capacity required including the RAID. Please confirm if our understanding is correct. And also confirm if same understanding can be applied on all the price bids i.e all the cluster.	1PB & 2PB capacity mentioned here is usable capacity after the formation of RAID group+hot-spare.
230	"nn.Cloud – VMS, Server and Storage should have support for Centralized cloud integration supported from day 1. It should support of cloud for future integration with the customer's own cloud"	"nn.Cloud – VMS, Server and Storage should have support for Centralized cloud integration supported from day 1. It should support of cloud for future integration with the customer's own cloud"	Kindly elaborate the use case of this cloud VMS. And do let us know who will provide the connectivity to these cloud VMS.	The cloud scope is for future and in any case all the bandwidth is to be provided by the tenderer.
231	"z. Bidders must ensure that, proposed cameras in the bid should be integrated with various surveillance projects implemented (like VISWAS project, CSITMS, Smart City etc.) in the State Govt. as & when required.	"z. Bidders must ensure that, proposed cameras in the bid should be integrated with various surveillance projects implemented (like VISWAS project, CSITMS, Smart City etc.) in the State Govt. as & when required.	We understand all the cameras shall be installed inside the police station connected to its respective NVR and SP office VMS. So in that case these integrations will not be required as part of the project. Please confirm if our understanding is correct. And in case bidder need to integrate the offered NVR /VMS with the existing systems available government system in that case please share the detail of make , model version of systems to which the system needs to be integrated . Also we understand any license required in the existing or upcoming systems to which the VMS, Camera needs to be integrated shall be provided by client.	Proposed VMS should be integrated with other CCC application platforms running in the state as as when required
232	"i. Cost for the new cameras and other equipments will have to be quoted considering buyback price of existing infrastructure."	"i. Cost for the new cameras and other equipments will have to be quoted considering buyback price of existing infrastructure."	Request to kindly remove the buyback from the tenderscope as it has lot of legal liabilities and restrictions from both the parties.	We may add one of the line item in the BoM
233	General	"Key outcomes expected out of this project : 1. Continuous running of cameras at each Police Station / branch offices.: 99.5% 2. Continuous recording of Video and Audio through all of the cameras at each Police Station / branch offices.: 99.5% 3. Storage and retrieval of Video and Audio recordings for 18 months: 99.5%	In case of connectivity/ network failure (provided by other/client) we understand any penalty shall not be applicable to the bidder. Please confirm the same.	LAN of the local police station level will be in the scope of the bidder. However, Internet lease line/MPLS (provided by the tenderer) will be failure then penalty shall not be applicable to the bidder

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234		"The NVR should be capable of recording both video and audio. The NVR should be able to transfer the video and audio footages automatically to the central storage located at respective SP office. In case of connectivity is lost, the NVR should be able to transfer the video footages automatically (without manual intervention) from the connectivity failure point / time, once the connectivity is restored.	"The NVR should be capable of recording both video and audio. The NVR should be able to transfer the video and audio footages automatically to the central storage located at respective SP office. In case of connectivity is lost, the NVR should be able to transfer the video footages automatically (without manual intervention) from the connectivity failure point / time, once the connectivity is restored.	Request to kindly modify the clause as "The NVR should be capable of recording both video and audio. The NVR should be able to transfer the video and audio footages automatically/manually or as per bidder design to the central storage located at respective SP office. In case of connectivity is lost, the NVR should be able to transfer the video footages automatically /manually or as per bidder design from the connectivity failure point / time, once the connectivity is restored.	Please read the revised specification as: 12. NVR Should be capable of recording both Audio and Video. NVR or VMS should be capable to Transfer the recorded audio and video footage automatically (without manual intervention) to the central storage. In case connectivity is lost the NVR or VMS should be capable to transfer the video footage automatically (without manual intervention) from the connectivity failure point/time, once the connectivity is restored.
235	General		We understand the proposed system architecture is tentative and bidder is free to design the solution achieving the functionality required in the RFP.	Yes, Bidder is free to design the solution, however they have to meet the minimum requirements mentioned in the RFP	
236	General	"42 U Cooling Rack" and in other sections of RFP	Please confirm if the required is with Inbuilt cooling functionality i.e with airconditioner. Or the requirement is standard RACK with Fans.	As per RFP, No change	
237	Video Management Software	Should support multiple storage file formats such as .asf and .ts	Request to Change to multiple storage file formats such as .asf/.ts / .wmv/mpvc	Please read revised specification as: 8. Recording & Transfer: Should support multiple storage file formats such as .asf/.ts/.wmv etc.	
238	Video Management Software	The VMS Shall have a Built-in Storage Calculation tool, that shall allow for Storage Calculation based on the Total No. of Cameras Added, No. of days Storage is required & the Available Hard disks within the Server/Mapped Storage. The Storage Calculation must also provide estimation of the No. of Days recording that can take place depending on the Total Availability of Storage Space & No. of Cameras added & configured at their respective configuration.	Please remove this point for major OEM Participation	No Change, As per RFP.	
239	Video Management Software	The Proposed VMS Solution must support native Fail over with in the application with no dependency on any external application for both hardware and application redundancy. The native failover architecture must be for both management and recording servers	Please change to The Proposed VMS Solution must support native Fail/3rd Party over with in the application The failover architecture must be for both management and recording servers	No Change, As per RFP.	
240	Video Management Software	The Fail over and Fail-back management and recording Server shall be on hot standby, ready to take over during the primary management server fails. No manual action from the user shall be required. The fail-over time should not be beyond 30 Seconds.	Please change to The Fail over and recording Server shall be on hot standby, ready to take over during the primary management server fails. No manual action from the user shall be required. The fail-over time should not be beyond 2 minutes.	No Change, As per RFP.	

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241	Video Management Software	System should allow creating a still image from live or recorded feed and storing it into a workstation.	Please change to System should allow creating a still image from live or recorded feed and storing it into a workstation/ NVR/Server	No Change, As per RFP.
242	Video Management Software	The OEM of the proposed VMS should have certificate from CERT-IN empaneled auditors to mitigate cyber security attacks or should provide it before installation of the product at customer premises	Please remove this point for major OEM Participation	Please refer revised specification as:  19. Security: The OEM of the proposed VMS should have certificate from CERT-IN empaneled Government auditors/ agencies to mitigate cyber security attacks as per OWASP Top 10 Vulnerabilities. And should have CERT-IN certificate before the date publishing of the RFP.
243	Video Management Software	The Video Management System shall allow an unlimited number of cameras to be connected to each recording server and an unlimited number of recording servers to be connected to each management server across multiple sites, if required.	Please change to The Video Management System shall allow an 128 number of cameras to be connected to each recording server and an atleast 100 of 32 channel recording servers to be connected to each management server across multiple sites, if required.	No Change, As per RFP.
244	Video Management Software	General: The VMS should support any ONVIF compliant IP cameras and should support ONVIF Profile S, G, T.	Please change to:  The VMS should support any ONVIF compliant IP cameras and should support ONVIF Profile S / G / T.	No Change, As per RFP.
245	Video Management Software	Event management: The alarm management module shall support graphical displays with interactive icons to display the status of the cameras & other inputs.	General: To avoid duplicity in features please allow combination of VMS/Other software to meet all functional and technical requirements of respective software	No Change, As per RFP.
246	Video Management Software	Recording & Transfer: Should support multiple storage file formats such as .asf and .ts	Please change to:  Should support multiple storage file formats such as .asf / .ts	Please read revised specification as:  8. Recording & Transfer: Should support multiple storage file formats such as .asf/.ts/.wmv etc.
247	Video Management Software	Security: The OEM of the proposed VMS should have certificate from CERT-IN empaneled auditors to mitigate cyber security attacks or should provide it before installation of the product at customer premises	Please remove this point for major OEM Participation	Please refer revised specification as:  19. Security: The OEM of the proposed VMS should have certificate from CERT-IN empaneled Government auditors/ agencies to mitigate cyber security attacks as per OWASP Top 10 Vulnerabilities. And should have CERT-IN certificate before the date publishing of the RFP.
248	Video Management Software	VMS Web Client The VMS Web Client shall have Dash boarding Capabilities, such that the Dashboard should Support for Drawings/Maps GIS Layer, OSM Layer, Autocad.dwg File, .JPEG file format, .PDF file format, Customized Video Grid for Live & Playback of Video & Events Table	General: To avoid duplicity in features please allow combination of VMS/Other software to meet all functional and technical requirements of respective software	No Change, As per RFP.

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249	Video Management Software	VMS Web Client The VMS Web Client shall have Dash boarding Capabilities, such that the Dashboard should Support for Drawings/Maps GIS Layer, OSM Layer, Autocad.dwg File, .JPEG file format, .PDF file format, Customized Video Grid for Live & Playback of Video & Events Table	Please change to:  VMS Web Client The VMS Web Client shall have Dash boarding Capabilities, such that the Dashboard should Support for Drawings/Maps GIS Layer, Autocad.dwg File, .JPEG file format, Customized Video Grid for Live & Playback of Video & Events Table	No Change, As per RFP.
250	Video Management Software	System Management & Administration: The Video Management System shall allow an unlimited number of cameras to be connected to each recording server	Camera quantity which can be loaded on one recording server depends on processing power of Server and cannot be unlimited. Hence request to please delete this point.	No Change, As per RFP.
251	3.3. Replacement of existing CCTV cameras system along with enhanced storage capacity at existing police stations	h. Bidders need to replace existing server with NVR at existing police stations.	Please change to:  h. Bidders need to replace existing server with NVR / Server at existing police stations.	No Change, As per RFP.
252	3.5. General Requirements for IP Video Surveillance / CCTV System at all police stations (existing and new) and branch offices (SOG, DCB, LCB, LIB, Cyber Police stations)	z. Bidders must ensure that, proposed cameras in the bid should be integrated with various surveillance projects implemented (like VISWAS project, CSITMS, Smart City etc.) in the State Govt. as & when required.	Please clarify existing project make and models.	Proposed VMS should be Integrated with other CCC application platforms running in the state as as when required
253	PQ5	PQ5 OEM/Bidder Past Performance: IP CCTV Camera OEM {themselves or through re-seller(s)}/ Bidder should have supplied same or similar Category Products i.e. 1000 IP CCTV Camera quantity single order, in at least one of the last three Financial years before the bid opening date to any Central / State Govt. Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. Copy of work order and Completion certificate from Client on client letterhead.	We understand PO/ Agreement/ LOA can be dated prior to last 3 financial years as on bid submission date & client Go-live to be within last 3 financial years as on bid submission date, please confirm	No Change, As per RFP.

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254	PQ5	<p>PQ5: OEM/Bidder Past Performance: IP CCTV Camera OEM {themselves or through re-seller(s)}/ Bidder should have supplied same or similar Category Products i.e. 1000 IP CCTV Camera quantity single order, in at least one of the last three Financial years before the bid opening date to any Central / State Govt. Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. Copy of work order and Completion certificate from Client on client letterhead</p>	<p>We understand all Cameras deployed for Surveillance projects ( Bullet, Dome, Fixed, PTZ, ANPR cameras, RLVD cameras, Speed detection cameras,etc. ) can be considered, please confirm</p>	<p>No Change, As per RFP.</p>
255	7. Bid Evaluation Process d. Financial Bid Evaluation	<p>. L1 bidder(s) will be decided separately for each Cluster based on the offered total rate for respective Cluster.</p>	<p>If any Bidder is quoting for 4 clusters however, is L1 in overall 4 clusters, please confirm whether all 4 clusters work order shall be provided to overall L1 Bidder or individual cluster L1 Bidder.</p>	<p>As per RFP, No change</p>
256	3.11.Operations and Maintenance	<p>c. Manpower Requirements: i. The bidder must ensure that appropriate qualified manpower with requisite skill sets is deputed at the respective locations defined in the below table. The bidder shall depute the resources as per the requirements for carrying out the O&amp;M Activity and maintaining the SLA during contract period. ii. The minimum requirement of manpower, their qualification and responsibility of each resource is given below:</p>	<p>We understand manpower can on Bidder/ OEM/ sub-contractor payroll, please confirm</p>	<p>As per RFP, No change</p>
257	Implementation Manpower	<p>Implementation Manpower</p>	<p>We understand manpower can on Bidder/ OEM/ sub-contractor payroll, please confirm</p>	<p>As per RFP, No change</p>
258	3.5. General Requirements for IP Video Surveillance / CCTV System at all police stations (existing and new) and branch offices (SOG, DCB, LCB, LIB, Cyber Police stations)	<p>RAID –Storage must have support of RAID 5, RAID 6 &amp; Hot Spare from day 1 so that minimum 2 hard disk backup should be there to protect storage in case of any hard disk failure.</p>	<p>Alongwith RAID technology, We also request to consider Sequential Storage System.</p> <p><u>It is a technology which is specifically designed for long video data retention. We believe that this project has objective of long Video Data Retention.</u></p> <p>COLDSTORE is NVR based solution that is rugged NVR with operating temperatures upto 50 degrees and storage capacity of 300TB or above with low noise &lt;45db to install anywhere without server room.</p> <p>It is very powerfull though very simple system. Proposed system can provide generous storage capacity at a very low cost (CAPEX and OPEX) without compromising any performance. Simple in concept, that delivers a highly reliable storage system which dramatically extends storage disk lifetime even if using the lowest cost disks available.</p>	<p>No Change, As per RFP.</p>

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259	3.5. General Requirements for IP Video Surveillance / CCTV System at all police stations (existing and new) and branch offices (SOG, DCB, LCB, LIB, Cyber Police stations)	The NVR at police stations must have capacity to store video footages for 01 month period. The NVR should be capable of recording both video and audio. The NVR should be able to transfer the video and audio footages automatically to the central storage located at respective SP office. In case of connectivity is lost, the NVR should be able to transfer the video footages automatically (without manual intervention) from the connectivity failure point / time, once the connectivity is restored.	Proposed architecture may have certain operating issues as storage is centralized. Video data is continues data unlike normal data. We recommend full Recording of Cameras at Police Station Level with 18 Months of Recording and Command and control center at central level where hardware health, on demand viewing & network monitoring should be done.	No Change, As per RFP.
260	3.7 Recording and Monitoring at SP/CP office level	d. All the video and audio recordings / footages shall be stored for 18 months at SP/CP level. The bidder has to ensure that all the video and audio feeds are transferred from respective police stations & branch offices and are stored, as per Honorable Supreme Court's order, for atleast 18 months at SP/CP level.	We also recommend that, it should be a Low-Resolution Recording of Cameras at SP/CP Level with 1 Month of Recording. This design will save the Hardware & Bandwidth Cost with Low Maintenance.	No Change, As per RFP.
261	3.5. General Requirements for IP Video Surveillance / CCTV System at all police stations (existing and new) and branch offices (SOG, DCB, LCB, LIB, Cyber Police stations)	ee.Display – NVR should have direct display option through HDMI & VGA/DVI interface	NVR should have a direct display option through HDMI & VGA/DVI interface/ Remote Client Interface	No Change, As per RFP.
262	Overall Solution Design Optimisation	Overall Solution Design Optimisation	Looking at the objective and architecture proposed, Our Suggestions are: 1. Recording at Full HD resolution and 25FPS for 18 Months should happen at Police Station Level. 2. If required backup with lower resolutions and frame rates can be done centrally or can be pulled from the police station as and when needed. This will result in lower bandwidth costs and low storage costs at the center. 3. Low Power consumption and Rugged Solutions like COLDSTORE should be considered at both the police station level & SP/CP Level. This will minimize the power cost, and maintenance costs (HDD, UPS, etc). Even a fully populated 300TB array will use less than 60 watts. This low power consumption extends the electronic component lifetime, which, combined with extended disk lifetimes, reduced cooling costs and lower UPS purchase cost, results in a very low overall total cost of ownership.	No Change, As per RFP.
263		9U Rack Enclosures (Networking/Server Rack): Cabinet Structure and Material	CRCA sheet steel and Wall Mount Enclosure with front Glass door, lock and key arrangement, Top and Bottom with vents of 50 dia rubber grommets for cable entry, integrated side walls, Top with 2fans mounting provision, 1pair of 19" angle with wall mounting provision. with an overall weight carrying Capacity of 35-40Kgs.	No Change, As per RFP.
264		9U Rack Enclosures (Networking/Server Rack): OEM Certification	We request you to consider that Rack OEM should be ISO 9001, EN ISO 14001, OHSAS 45001 comply with EIA 310 company. And OEM should comply with ROHS standard process. Color RAL 9005 or RAL 7035	No Change, As per RFP.

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265		24U Rack Enclosures (Networking/Server Rack): Cabinet Structure and Material	Floor Standing Server / Network Rack -with Heavy Duty CRCA welded Frame section punched in 25mm DIN pitch pattern. All profile edges are radiused. The corners are stiffened with welded zinc die-cast corner connectors, Front and rear perforated door. Top cover with cable entry and Bottom open. 19" L type angle Front & Rear on 6 x punched section. Color RAL 9005 or RAL 7035	No Change, As per RFP.
266		24U Rack Enclosures (Networking/Server Rack): OEM Certification	We request you to consider that Rack OEM should be ISO 9001, EN ISO 14001, OHSAS 45001 comply with EIA 310 company. And OEM should comply with ROHS standard process.	No Change, As per RFP.
267		Cooling Rack shall Minimum width of 800 mm depth of 1200mm & 42U usable height.	As the Lots of critical Equipments are going to mount on this Smart Rack , Request you to change the same with 800mm/1000mm Width Rack so that cooling redundancy can be achived with same .	No Change, As per RFP.
268		Bidder has to consider 5/15Amp Indian Socket Power distribution Unit with 16 Amp MCB, and vertical 32A, Single Phase, C13 Sockets and C19 Sockets PDU with 32A MCB.	Please Specify the PDU Qty per Rack to offer the solution.	We have asked indicative requirement within rack PDU. However, bidder has to propose PDU as per their propose solutions.
269		SI/Bidder has to consider minimum 7KW or higher cooling unit capacity with reference to their IT product which are going to install in the Data Center Rack. In case if there is required additional rack space to address the solution, bidder/SI has to consider additional Data Center Rack with rack coupling kit and address to additional cooling requirement. Built in cooling unit should be rated Inlet Temp of 22 +/- 1 Degree Centigrade considering minimum Ambient Temperature of 45 Degree Centigrade w.r.t peak summer/weather conditions of Gujarat State. Bidder has to consider raw electric power distribution box and electrical cabling for the cooling unit.	It is multisite setup where high end server and storage etc would be part of cooling rack so we hereby request to incorporate N+N cooling redundancy for 24x7 IT operations. and Cooling unit should be mounted vertically insode the rack in order to distribute air horizontally from 1U to 42U uniformly.  Also clarify that weather department will do provide raw electric power till server Room for each location??	The department will provide raw electric power points anywhere in the server room bidder has to do the necessary electrification from provided electric point to the rack. Bidder has quote the price considering the same.
270		Data Center cooling rack should be supplied with required UPS power backup. The UPS Should be rack mountable minimum 6KVA or higher capacity considering to bear the actual induction load of all the equipment installed under the rack (like server, storage, etc.) for Minimum 1 Hour backup with full load.	It is multisite setup where high end server and storage etc would be part of cooling rack so we hereby request to incorporate N+N UPS Power redundancy with Combined 1 Hour Back up for 24x7 IT operations.	No Change, As per RFP.
271		Bidder has to submit actual Rack space, cooling, UPS power load calculations for each location.	We Request you to share standard and uniform format form GIL that helps all the server/storage/Network OEM and bidder to design proper UPS Power calculation and electrical cabling as per project requirement.	No Change, As per RFP.
272		Fire Suppression system	As the Tender has not asked for the Fire detection and suppression , As the Entire Smart solution is very much critical , please add fire detection and suppression based on Novec 1230 with the Smart Racks package.	No Change, As per RFP.
273		Certification compliance	We request you to consider that Rack OEM should be ISO 9001, EN ISO 14001, OHSAS 45001 comply with EIA 310 company. And OEM should comply with ROHS standard process.	No Change, As per RFP.



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274	3.12. Other Requirements	a. iv All IP cameras should be motorized varifocal lens.	Fixed focal length Cameras for dome & bullet with focal length 3-9mm lens As the cameras will be for monitoring inside the rooms of Police Station with a fixed room dimensions and area, we request the TENDERER to consider fixed focal length cameras for unchanged field of view – at least 90° HFOV (horizontal field of view), sufficient for covering the rooms and offices, and Varifocal lens cameras for only those locations which are outdoor	No Change, As per RFP.
275	3.12. Other Requirements	Additional	NEMA 4X and NEMA TS 2 certification for coastal area cameras. We request the TENDERER to include the specifications for Coastal Area Police station cameras and to consider NEMA 4X, NEMA TS 2 certifications for the same which are meant for camera's endurance ability to withstand extreme weather conditions, vibration, shock & impacts.	No Change, As per RFP.
276	Addition Request	The above storage and server requirements are minimum indicative requirement. The bidders are advised to carry out a detailed assessment of the storage and server requirements to fulfill the objectives of this RFP. Any additional storage or server requirements for the same as a part of solution. The same has to be managed by the bidder at no additional cost to the tenderer. 2. The storage calculation has been done considering usable storage capacity for 25 fps, 1920x1080 resolution, H.265 compression and 24 hrs per day.	Bidder to submit actual Storage calculation for cameras proposed along with Camera OEM's confirmation on their letter head along with calculation. We would request to note that different cameras have edge compression techniques working on top of H.265/ H.264 which optimizes the bitrate & storage consumption to a larger extent which could optimize the storage and server infrastructure at local PS and SP/ CP offices. We request the TENDERER to consider this functionality and consider the Merits of different OEMs in storage optimizing capability. As our camera's can optimise around 30-40% storage , for eg : in tender for cluster 1 51 PB Storage at SP office is asked whereas our storage calculation for the same comes out to around 27 PB. So, GOG can save substantial amount on storage and overall project cost can be optimised.	No Change, As per RFP.
277	3.5. General Requirements for IP Video Surveillance / CCTV System at all police stations (existing and new) and branch offices (SOG, DCB, LCB, LIB, Cyber Police stations)	Additional	RAID requirements for local PS storage (30 days) We request the TENDERER to clarify the RAID requirement for the NVR / Storage to be provided for 30 days at Police Station level.	No Change, As per RFP.

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278	3.5. General Requirements for IP Video Surveillance / CCTV System at all police stations (existing and new) and branch offices (SOG, DCB, LCB, LIB, Cyber Police stations)	Additional	<p>Request to include:</p> <ul style="list-style-type: none"> <li>· Firmware tampering protection at Camera level by camera OEM</li> <li>· Streaming protocol encryption – SRTMP</li> <li>• No GB/T 2818 protocol - which is known globally for being used in Chinese origin cameras to gain backdoor entry access into the camera and access sensitive &amp; crucial video footage by external spying agencies &amp; Chinese govt. agencies.</li> </ul> <p>Cyber security is a very important and critical criteria specifically when the equipment is deployed in public domain, however these critical aspects are missing in this tender. We request the TENDERER to consider and include these points to make system more cyber robust and secure from spying.</p> <p>This clause is being asked in many recent govt. tenders, for e.g.: UP Police Tender, Mumbai High Court Tender, ONGC tender attached for reference.</p>	<p>Undertaking required from OEM:</p> <p>No support and use of GB/T 28181 protocol</p> <p>The cameras offered must be cyber security certified with NDAA/UL Cyber security certificate/GDPR/NIST/ TPM/Cybersecurity Chipset/ ISO 27032 /Any other cyber security certificate from Indian Government body for mitigating cyber security risk.</p> <p>The MAC ID's of the CCTV Cameras to be supplied against this tender shall be registered in the name of the OEM of the CCTV Cameras.</p>
279	3.5. General Requirements for IP Video Surveillance / CCTV System at all police stations (existing and new) and branch offices (SOG, DCB, LCB, LIB, Cyber Police stations)	Additional	<p>The cameras offered must be cyber security certified with NDAA/UL Cyber security certificate/GDPR/NIST/ TPM/Cybersecurity Chipset/ Any other cyber security certificate from Indian Government body for mitigating cyber security risk.</p> <p>We request the TENDERER to consider and include these points to make system more cyber robust and secure from spying as certified from reputed entities.</p> <p>This clause is being asked in many recent govt. tenders, for e.g., ONGC tender attached for reference.</p>	<p>Undertaking required from OEM:</p> <p>No support and use of GB/T 28181 protocol</p> <p>The cameras offered must be cyber security certified with NDAA/UL Cyber security certificate/GDPR/NIST/ TPM/Cybersecurity Chipset/ ISO 27032 /Any other cyber security certificate from Indian Government body for mitigating cyber security risk.</p> <p>The MAC ID's of the CCTV Cameras to be supplied against this tender shall be registered in the name of the OEM of the CCTV Cameras.</p>

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
280	3.5. General Requirements for IP Video Surveillance / CCTV System at all police stations (existing and new) and branch offices (SOG, DCB, LCB, LIB, Cyber Police stations)	Additional	<p>The MAC ID's of the CCTV Cameras to be supplied against this tender shall be registered in the name of the OEM of the CCTV Cameras.</p> <p>To avoid rebranding and ODM of the product and ensuring the credibility &amp; accountability of participating camera OEMs.</p> <p>This clause is being asked in many recent govt. tenders, for e.g., ONGC tender attached for reference.</p>	<p>Undertaking required from OEM:</p> <p>No support and use of GB/T 28181 protocol</p> <p>The cameras offered must be cyber security certified with NDAA/UL Cyber security certificate/GDPR/NIST/ TPM/Cybersecurity Chipset/ ISO 27032 /Any other cyber security certificate from Indian Government body for mitigating cyber security risk.</p> <p>The MAC ID's of the CCTV Cameras to be supplied against this tender shall be registered in the name of the OEM of the CCTV Cameras.</p>
281	3.5. General Requirements for IP Video Surveillance / CCTV System at all police stations (existing and new) and branch offices (SOG, DCB, LCB, LIB, Cyber Police stations)	Additional	<p>The Intellectual Property Rights (IPR) of CCTV Cameras to be supplied against this tender do not reside in China or from a country which shares a land border with India.</p> <p>To ensure the credibility &amp; accountability of participating camera OEMs as per the registered Intellectual Property rights and Patents.</p> <p>This clause is being asked in many recent govt. tenders, for e.g.: Mumbai High Court Tender, ONGC tender attached for reference.</p>	No Change, As per RFP.
282		Additional	The Camera to be provided by the bidder should not have Hisilicon chipset/Processor.	No Change, As per RFP.
283		Additional	OEMs of proposed equipment/components should have their own registered office in India and having RMA setup with registered GST as per the prevalent/ applicable laws of India and be in operation in India for last five years as on the bid issuance date.	No Change, As per RFP.
284		Additional	We propose Entry Level server with required Storage capacity at each police station	No Change, As per RFP.
285		Additioanl	For cameras,	Query not clear
286	OEM /Bidder Experience Page - 9	OEM/Bidder Past Performance: IP CCTV Camera OEM {themselves or through re-seller(s)}/ Bidder should have supplied same or similar Category Products i.e. 1000 IP CCTV Camera quantity single order, in at least one of the last three Financial years before the bid opening date to any Central /State Govt. Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supplyof cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year.	<p>The project is significantly large in size and needs to be executed by Bidder. The IP CCTV OEM strength would not rightly reflect the strength and technical capabilities of the bidder. Therefore, to better adjudge the technical strength of the bidder experience and OEM experience may please be seggregated.</p> <p>Bidder experience may include SITC (Supply Installation Testing &amp; Commissioning of atleast 70% of IP CCTV camera requirement of this RFP i.e. 8891 (70% of 12,701).</p>	No Change, As per RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
287	PQ.4. Page - 9	OEM of the offered product (CCTV camera) should have the minimum average annual financial turnover of Rs. 200 crore during the last three years (2018- 19, 2019-20 and 2020-21).	Please clarify, if the turnover requirement from IP CCTV OEM is for national/ global turnover.	Please read the clause as :  OEM of the offered product (CCTV camera) should have the minimum average annual financial turnover of Rs. 200 crore during the last three years (2018- 19, 2019-20, and 2020-21) in India or Globally
288	Gem Notification, Page 1	Bid to RA enabled - Yes	Reverse Auction may please withdrawn to enable technically strong System Integrators to particiaote in the RFP. The process of RA shrinks the input cost under various head, degrading the quality of work and delaying the project.  Bid to RA enabled - No	As per RFP, No change
289	3.1 Introduction, Page 12	Software/s deployed under this project should be supplied with required OEM support for software updates/patches/upgrades during the contract duration and licenses should be valid perpetual for life.	Perpetual licenses are asked for software, however, support for software updates/ patches/ upgrades is asked for contract duration. This may be reviewed as perpetual software licenses without support for software updates/patches/upgrades would hardly serve any use in future and would rather be prone to operational challenges and vulnerabilities.	No Change, As per RFP.
290	Point m, Page 15	The NVR at police stations must have capacity to store video footages for 01 month period. The NVR should be capable of recording both video and audio. The NVR should be able to transfer the video and audio footages automatically to the central storage located at respective SP office. In case of connectivity is lost, the NVR should be able to transfer the video footages automatically (without manual intervention) from the connectivity failure point / time, once the connectivity is restored.	The capacity of the NVR harddrive and storage at SP office required storage would depend on the make of the camera and hence the HDD requirement prescribed in the RFP as part of NVR and storage of 2PB and 1PB at various SP offices should be left with bidder to propose. The storage architecture which includes SD card, NVR-HDD & Central Stoarge at SP offices may also be reviewed to optimize the cost. Moreover, part (say 12 months) of the 18 months backup of the recording can be moved to secondary backup storage to optimize the cost of the overall solution and yet comply to the <u>guidelines of the honourable Supreme Court</u>	Bidder has to provide storage for Min of 18 months and minimum storage requirement for each location / type is mentioned with all details , however if according to bidder solution, the requirement of the storage is more then bidder has to plan for the same without any additional cost.
291	Project Implementation Timelines, Page 38	....	Project Implementation Timelines be extended to a minimum of 12 months for all clusters with atleast 4 months for delivery considering realistic pace of execution for project of this size and present supply chain constraint.  Further, with the stringent timelines the financial cost of delay and penalty would be inbuilt into the bid by the deligent bidders and this would lead to unneccessary loss to exchequer by increasing the cost of project and bringing bad reputation of delay in government projects. With realistic timeframe this cost of LD/ penalty would be reduced minimum and at the same time bring higher chances of timely execution of the project as planned.	Please see the changes in the revised bid document

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
292	Payments Terms, Page 41	.....	The payment presently is milestone based. Considering the cash flow requirement and to remove the burden of financing the cost of capital on exchequer, it is requested to change the milestone based payment terms to pro-rata based payment terms i.e. payment on delivery of say 25% material, commissioning of 25% sites. This would also help in tackling the supply chain and other logistic issues and expediate the project execution on ground by virtue of the increase operating cash flow and lower cost of capital.	Please see the changes in the revised bid document
293	RFP Document	OEMs of proposed equipment/components should have their own registered office in India as per the prevalent/ applicable laws of India and be in operation in India for last five years as on the bid issuance date.	Request to ammend as per below OEM or its Authorized Distributor of proposed equipment/ components should have their own registered office in India as per the prevalent/ applicable laws of India and be in operation in India for last five years as on the bid issuance date.	Please refer the additional clause as.  3. Eligibility Criteria: PQ.7. OEM Presence OEMs of proposed equipment/components (CCTV Camera & VMS) should have their own registered office in India as per the prevalent/ applicable laws of India and be in operation in India for last five years as on the bid issuance date. Registered offices by way of Joint ventures, Franchise, agency, distribution partners will not be considered.
294	RFP Document	c.) OEM for storage and servers should be from companies featuring in Gartner magic quadrant in leadership position. or OEM of quoted server should be qualified as Make in India as per public procurement (Preference to Make in India) order 2017 & its revision issued time by time. As per GR, quoted server should have 40% domestic value addition in terms of Bill of Material to qualify as domestically manufactured. AND The Manufacturer of the Server should have installation base of 1500 nos. of Server in India.	Request for clause removal and mention PQ as per below During last 4 years the OEM should have supplied Servers and storage for minimum 1000 cameras and 1.5PB of Storage in single surveilallance project in India or Globally Gartner doesn't have category defined for Surveillance purpose built SERVER & STORAGE manufacturers nor does it ensures the product performance.Hence request to delete this clause.\	Not relevent to this RFP.
295	RFP Document	Solution should be IP Based/iSCSI/FC/FCOE/NFS/CIFS	Request for additional clause Solution shall have min 2x10Gbps SFP ports for Host connections Host connections not specified in specification. Solution is based on Video Streaming and Recording which works better on block storage	Not relevent to this RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
296	RFP Document	Solution should be Unified Storage supporting block and File (FC,iSCSI, CIFS, NFS, SMB protocols)	Request for ammend clause Solution shall be supporting block storage (FC,iSCSI, CIFS, NFS, SMB protocols) Solution is based on Video Streaming and Recording which works better on block storage	Not relevent to this RFP.
297	RFP Document	Storage solution should comprise of Active-Active Load Balancing Storage Controllers with 64GB Cache from day one and the storage solution should be scalable up to 128GB Cache.	Request for clause ammend as per below Storage solution should comprise of Active-Active Load Balancing Storage Controllers with min 8GB Cache from day one and the storage solution should be scalable up to 16GB Cache. per storage unit The controllers should have 8GB DDR4-800 SDRAM With ECC protection (upgradeable to 16GB) as per best practise for min 1000 cameras The Proposed Solution should have Optional multi-lane SAS connector for expandability and scalability – add JBOD storage to connect up to 512 HDDs Drives in the same Storage Array without upgrading the controllers	Not relevent to this RFP.
298	RFP Document	Disks should be maximum of 12 TB	Request for ammend as per below Disks should be maximum of 20 TB SAS drives For populating max storage in less rack space.	Not relevent to this RFP.
299	RFP Document	Storage solution should comprise of Active-Active Load Balancing Storage Controllers with 64GB cache from day one and the storage solution should be scalable up to 128GB.	Request for clause ammend as per below Storage solution should comprise of Active-Active Load Balancing Storage Controllers with min 8GB Cache from day one and the storage solution should be scalable up to 16GB Cache. per storage unit The controllers should have 8GB DDR4-800 SDRAM With ECC protection (upgradeable to 16GB) as per best practise for min 1000 cameras The Proposed Solution should have Optional multi-lane SAS connector for expandability and scalability – add JBOD storage to connect up to 512 HDDs Drives in the same Storage Array without upgrading the controllers	Not relevent to this RFP.
300	Annexure - C; Specifications	Form Factor/Mounting : 3U/4U,19" Rack Mounted	10U/15U,19"Rack Mounted. Solution will occupy more space.	3U/4U defined for single unit/chassis of complete stack, combination of units/chassis can be higher U size to achieve 1PB & 2PB.
301	Annexure - C; Specifications	Network connectivi per controller : Minimum 4 x 1GbE + 2 x 10 GbE SFP+ or higher	Minimum 4 x 1GbE + 2 16 x 10GigE Ports + 4 x 32/16 Gb FC. Storage should support both FC and ethernet ports for file and block protocol with high throughput support	No Change, As per RFP.
302	Annexure - C; Specifications	Storage expansion port per controller : 1 x 12Gb Mini-SAS(SFP 8644)	1 2 x 12Gb Mini-SAS(SFP 8644). It is recommended to have 2 ports per controller atleast for redundant connectivity.	Accepted, Please read revised specification as: 5. Storage Expansion Port per Controller: 2 x 12Gb SAS Mini-SAS (SFF-8644)
303	Annexure - C; Specifications	Supported Network Protocols : SMB/CIFS,NFS,FTP,WebDAV etc	SMB 4.1/CIFS,NFS,FTP,WebDAV FC ,iSCSI, natively and S3 protocol should also be offered either natively or by additional hardware and software in HA for entire capacity. Please amend the protocols so that all the storage protocols should be supported in the storage so that it could be future ready, FTP WebDAV are old, insecured and are no more used.	No Change, As per RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
304	Annexure - C; Specifications	Cache/Memory : 32 GB per controller and upgradable to 64 GB per controller	32 GB 128 GB DRAM per controller and upgradable to 64 GB 256 GB per controller in scale out architecture The system should be configured with minimum 4TB of SSD/Flash/NVMe cache across dual controller in addition to the above DRAM cache. Cache is required to boost the performance of the storage system, as capacity is configured on NL-SAS/SATA drives,cache will play a key role here.	Please read as:  Cache/Memory - 64 GB per device and upgradable to 128 GB per device.
305	Annexure - C; Specifications	Storage capacity along with expansion using JBOD : 1000 TB usable capacity after RAID 5 + hot spare configuration per enclosure in a single stack for 1 PB 2000 TB usable capacity after RAID 5 + hot spare configuration per enclosure in a single stack	1000 TB usable capacity after RAID 5 Triple disk protection per RAID group + hot spare configuration in a single stack for 1 PB 2000 TB usable capacity after RAID 5 triple disk protection per RAID group + hot spare configuration in a single stack . If any bidder does not support triple disk protection then they should offer 25% additional disks as hot spare after RAID 6. RAID 6 is the industry standard RAID type that is used to avoid dual disk failure. We would recommend to go with dual parity RAID type to increase data availability.	The requirement is clearly for RAID group + hot-spare Drive in each unit even if there are multiple units in single stack , all the units should have RAID group + hot-spare drive.
306	Annexure - C; Specifications	Storage Expansion Port per Controller : 1 x 12Gb SAS Mini-SAS (SFF-8644)	8 x 12Gb SAS Mini-SAS (SFF-8644). Since controller has to be dual so 4 ports per controller is the minimum required for disk connectivity to controller for performance and redundancy.	Please read revised specification as:  5. Storage Expansion Port per Controller: 2 x 12Gb SAS Mini-SAS (SFF-8644)
307	Annexure - C; Specifications	RAID configuration : 1,5,6	0,1,5,6,10,50,60 or equivalent. RAID 50,60 are OEM specific RAID types and are not industry wise accepted . Please update this clause to make it more generic	Please read revised specification as:  14. RAID configuration: 1 , 5, 6, 50, 60 & Hot-spare support from day-1
308	Annexure - C; Specifications	Capacity Expansion : Should support 10 or higher JBOD's/Expansion Units or should have minimum 176 HDDs or better support in a single stack	Should support 10 or higher JBOD's/Expansion Units or should have minimum 176 1400 HDDs in scale up scale out or better support in a single stack. Since we are looking for 2PB capacity, so disk support should be higher.	No Change, As per RFP.
309	Annexure - C; Specifications	Functional requirement : Additional suggestion	we request to add " The offered storage should should support DR to cloud natively with minimum 3 different CSP/hyperscalers listed in MeTY with support for cloud backup, cloud tiering.Replication solution must be offered and optimized and secure, entire replication traffic must be encrypted and entire data (Block and File) must be replicated without rehydrating the data before sending on WAN link. Solution should be future ready to secure the data and should be Disaster recovery ready for on premise and cloud solution	No Change, As per RFP.
310	Annexure - C; Specifications	Functional requirement : Number of Controllers	Minimum 2 Controllers. It is important to have dual controllers so that the data is available at all times without single point of failure.	No Change, As per RFP.
311	Annexure - C; Specifications	Functional requirement : Hot Spare	Bidder Should provide tripple Parity or additional Hotspare	No Change, As per RFP.
312	Annexure - C; Specifications	Functional requirement : Replication	Storage should have native replication mechanism and snapshot based backup mechanism ( to cloud & On Prem)	No Change, As per RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
313	3.3	The successful bidder must replace existing CCTV surveillance system with new state-of-the-art system, along with buyback of existing CCTV cameras, servers and UPS.	Price bid doesnot have any separate line for buyback of existing system. Kindly confir procedure to derive the buyback prices quoted by vendor.	Please see the changes in the revised bid document
314	EMD/Bid security	Bidder has to provide separate EMD for each cluster bidder wants to bid for; bidder has to mention the name of the cluster on the envelope mentioning "EMD for 'Cluster Name	Request to kindly allow single EMD of total amount for the number of cluster quoted.	Bidder can submit the single EMD of the total amount for all clusters to participate. Subject to facility available under GeM portal
315	GEM documents	Bid is RA enabled	Due to large size of project. Request to kindly allow only L1 evaluation of the technically qualified bidders. Reverse Auction should be excused.	As per RFP, No change
316	The successful bidder will complete the Installation & Commissioning of CCTV camera and related accessories as per scope of work	T+120 days	This project includes supply & Installation at various locations . Request to kindly provide the timeline of atleast T+360 days to complete the project.	As per RFP, No change
317	Payment terms	50% against supply, 20% against I&C, 2% against FAT & 10% against Go-live	Request to kindly amend as " 70% against supply, 10% against I&C, 10% against FAT & 10% against Go-live on pro-rata basis.	Please see the changes in the revised bid document
318	Tender due date	Bid end date is 25-11-2022	Request to kindly extend the date of submission by atleast 3 weeks due to large size bid & larger covergae area.	Extended
319	Video Managaement System General Point 1	The VMS should support any ONVIF compliant IP cameras and should support ONVIF Profile S, G, T.	Kidly include Profile Q . As it allows easy discovery of IP cameras .It also ensures Transport layer security implemntation .For the same , the cameras also should be ONVIF Profile Q compliant	No Change, As per RFP.
320	Video Managaement System General Point 19	Security	Please include FIPS 140-2 for data security as this is state wide project and security should not be compromised	No Change, As per RFP.
321	Bullet camera point no 42	Yes, ONVIF S, G & T	Please include ONVIF Profile Q .	No Change, As per RFP.
322	Dome camera point no 42	Yes, ONVIF S, G & T	Please include ONVIF Profile Q .	No Change, As per RFP.
323	3. Eligibility Criteria, SN: PQ.4.	OEM of the offered product (CCTV camera) should have the minimum average annual financial turnover of Rs. 200 crore during the last three years (2018- 19, 2019-20 and 2020-21).	OEM of the offered product (CCTV camera) should have the minimum average annual financial turnover of Rs. <del>200</del> 300 crore from the product business of CCTV Camera and NVR in India or Global during the last three years (2018- 19, 2019-20 and 2020-21). There are several global CCTV OEM(s) being part of large entrprise group with third party manufaturing provision in India. These OEM(s) neither they have their own RMA / Product support centre in the state of Gujrat nor their own manufacturing facility In India. Also, this will empower the Indian manufacturer followed by the DPIIT order on MII in public procurement. Hence, it is requested to amend this criteria for OEM selection.	No Change, As per RFP.



Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
324	3. Eligibility Criteria, SN: PQ.5.	OEM/Bidder Past Performance: IP CCTV Camera OEM {themselves or through re-seller(s)}/ Bidder should have supplied same or similar Category Products i.e. 1000 IP CCTV Camera quantity single order, in at least one of the last three Financial years before the bid opening date to any Central / State Govt. Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year.	OEM/Bidder Past Performance: IP CCTV Camera OEM (themselves or through re-seller(s) should have supplied same or similar Category Products i.e. <del>1000</del> IP CCTV Camera quantity minimum 80% of the RFP quantity in a single order, in at least one of the last <del>three</del> five Financial years before the bid opening date to any Central / State Govt. Organization / PSU / Public Listed Company. Copies of relevant contracts / supply (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. The past performance for Bidder and OEM should be separate and very essential to evaluate manufacturing and supply strength of the said OEM as well as Bidder experience. The volume of Cameras and NVR are very high as projected in the RFP and delivery of such high volume of camera and NVR can be done by the experienced OEM only. Hence, it is requested to make this criteria strict to select a strong OEM who can deliver all required IP camera, NVR or any other related component with the scheduled delivery time.	No Change, As per RFP.
325	3. Eligibility Criteria, SN: New Clause	New Criteria	The OEM of Camera & NVR should have presence and registered office in India since last 10 years (under Company Act, 1956/ 2013). Presence through Distributor/ Dealer network/ Joint Venture/ Consortium shall not be treated as OEM. Bidder shall submit Certificate of Incorporation of the OEM. This criteria will establish strong presence of the OEM in India for sustainable business and support.	Please refer the additional clause as.  3. Eligibility Criteria: PQ.7. OEM Presence OEMs of proposed equipment/components (CCTV Camera & VMS) should have their own registered office in India as per the prevalent/ applicable laws of India and be in operation in India for last five ( 5 ) years as on the bid issuance date. Registered offices by way of Joint ventures, Franchise, agency, distribution partners will not be considered.
326	3. Eligibility Criteria, SN: New Clause	New Criteria	The OEM of CCTV Camera should be a fulltime member of ONVIF and quoted models should be listed on official website of ONVIF. The CCTV OEM should not be suspended/ blacklisted by ONVIF. The quoted camera model should be listed in ONVIF website. This criteria will establish the global interoperability ie being maintained by the OEM.	The OEM of CCTV Camera should be a member of ONVIF and quoted models should be listed on official website of ONVIF. The CCTV OEM should not be suspended/ blacklisted by ONVIF.
327	3. Eligibility Criteria, SN: New Clause	New Criteria	The OEM of CCTV component should be complied with General Data Protection Regulation (GDPR) of India and corresponding ISO certificate shall be submitted. This criteria will ensure that the OEM is following the General Data Protection Regulation Act. and cyber security guidelines as laid by the Government of India	No Change, As per RFP.
328	3. Eligibility Criteria, SN: New Clause	New Criteria	The OEM of CCTV component should have its office and service/ support centre in the State of Gujarat. This criteria will ensure ease of product support (if required) followed by a faster and easy process.	The OEM of CCTV component should have its office and service/ support centre in India

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
329	3.13. Proof of Concept (PoC) (Cluster wise), sub clause a, sub clause vi, sub clause C	During the demonstration the storage should consist the recorded video footage of 18 months & should demonstrate the functioning of storage & server while activity like live video feed monitoring, recording, retrieving, searching, remote monitoring, configuration, etc are simultaneously ongoing.	During the demonstration the storage <del>should consist the recorded video footage of 18 months &amp;</del> should demonstrate the functioning of storage & server while activity like live video feed monitoring, recording, retrieving, searching, remote monitoring, configuration, etc are simultaneously ongoing. It is requested to clarify how the storage can consist of 18 months of recorded video in a PoC scenarion? Which video data shall be filled with? For 18 months of recorded video the storage should have run for 18 months to record these video data. For a PoC scenarion to showcase 18 months of recorded video is not possible for any OEM or SI. Hence, it is requested to amend this clause as requested.	No Change, As per RFP.
330	Annexure C, Technical Specification, Bullet camera for costal area police station, Sr.No. 28	Protection: IP67 with extra corrosion proof coating	Protection: IP67 <del>with extra corrosion proof coating</del>  Corrosion proof camera(s) are generally installed in outside location in costal aerea where sea water humidity impact is higher than normal weather or rest of India. IP67 provides protection against water and dust but not applicable for corrosion. The specification is restrictive for many OEM(s). Hence, It is requested to relax this specification to allow participation of Indian OEM(s).	The requirement is for costal region hosing can be of Die Cast Aliminimum or better material and additionally coating of corrosion proof material as per C3 corrosivity category.
331	Annexure C, Technical Specification, Dome camera for costal area police station, Sr.No. 28	Protection: IP67 with extra corrosion proof coating	Protection: IP67 <del>with extra corrosion proof coating</del>  Corrosion proof camera(s) are generally installed in outside location in costal aerea where sea water humidity impact is higher than normal weather or rest of India. IP67 provides protection against water and dust but not applicable for corrosion. The specification is restrictive for many OEM(s). Hence, It is requested to relax this specification to allow participation of Indian OEM(s).	The requirement is for costal region hosing can be of Die Cast Aliminimum or better material and additionally coating of corrosion proof material as per C3 corrosivity category.
332	Annexure C, Technical Specification, 16 CH Network Video Recorder with 12 TB Storage, S/N 1	16 Channels or better NVR with supports up to 8 SATA hard drives each support up to 10TB, should be loaded with 12 TB Capacity of HDDs. Should support RAID 0/1/5/6/10. Shouls have the option to increase 25% extra cameras in same NVR without adding any additional hardware.	16 Channels or better NVR with supports up to 8 SATA hard drives each support up to 10TB, should be loaded with 12 TB Capacity of HDDs. Should support RAID 0/1/5/6/10. Shouls have the option to increase 25% extra cameras in same NVR without adding any additional hardware.  RAID 6 will be possible for 12 TB of usable storage by adding an extra parity HDD. The additional HDD used for RAID 6 will incur unnecessary cost to the NVR, which is of no use. Data redundancy can be achieved easily by using RAID 5 configuration for such kind of critical data and deployment. Hence, It is requested to remove RAID 6 configuration from the specification.	No Change, As per RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
333	Annexure C, Technical Specification, 16 CH Network Video Recorder with 16 TB Storage, S/N 1	16 Channels or better NVR with supports up to 8 SATA hard drives each support up to 10TB, should be loaded with 16 TB Capacity of HDDs. Should support RAID 0/1/5/6/10. Shouls have the option to increase 25% extra cameras in same NVR without adding any additional hardware.	16 Channels or better NVR with supports up to 8 SATA hard drives each support up to 10TB, should be loaded with 16 TB Capacity of HDDs. Should support RAID 0/1/5/6/10. Shouls have the option to increase 25% extra cameras in same NVR without adding any additional hardware. RAID 6 will be possible for 16 TB of usable storage by adding an extra parity HDD. The additional HDD used for RAID 6 will incur unnecessary cost to the NVR, which is of no use. Data redundancy can be achieved easily by using RAID 5 configuration for such kind of critical data and deployment. Hence, It is requested to remove RAID 6 configuration from the specification.	No Change, As per RFP.
334	Annexure C, Technical Specification, Item No.- 5: 32 CH Network Video Recorder with 24 TB Storage, S/N 1	32 Channels or better NVR with supports up to 8 SATA hard drives each support up to 10TB, should be loaded with 24 TB Capacity of HDDs. Should support RAID 0/1/5/6/10. Shouls have the option to increase 25% extra cameras in same NVR without adding any additional hardware.	32 Channels or better NVR with supports up to 8 SATA hard drives each support up to 10TB, should be loaded with 24 TB Capacity of HDDs. Should support RAID 0/1/5/6/10. Shouls have the option to increase 25% extra cameras in same NVR without adding any additional hardware. RAID 6 will be possible for 24 TB of usable storage by adding an extra parity HDD. The additional HDD used for RAID 6 will incur unnecessary cost to the NVR, which is of no use. Data redundancy can be achieved easily by using RAID 5 configuration for such kind of critical data and deployment. Hence, It is requested to remove RAID 6 configuration from the specification.	No Change, As per RFP.
335	Annexure C, Technical Specification, Item No.- 6: 32 CH Network Video Recorder with 32 TB Storage, S/N 1	32 Channels or better NVR with supports up to 8 SATA hard drives each support up to 10TB, should be loaded with 32 TB capacity of HDDs. Should support RAID 0/1/5/6/10. Should have the option to increase 25% extra cameras in the same NVR without adding any additional hardware.	32 Channels or better NVR with supports up to 8 SATA hard drives each support up to 10TB, should be loaded with 32 TB capacity of HDDs. Should support RAID 0/1/5/6/10. Should have the option to increase 25% extra cameras in the same NVR without adding any additional hardware. RAID 6 will be possible for 32 TB of usable storage by adding an extra parity HDD. The additional HDD used for RAID 6 will incur unnecessary cost to the NVR, which is of no use. Data redundancy can be achieved easily by using RAID 5 configuration for such kind of critical data and deployment. Hence, It is requested to remove RAID 6 configuration from the specification.	No Change, As per RFP.
336	Annexure C, Technical Specification, 4.1 Storage (for Video's), S/N 8	Cache/Memory: 128 GB per Controller and upgradable to 256 GB per controller	Cache/Memory: Minimum <del>128</del> 64 GB per Controller and upgradable to 256 GB per controller or better The Cache/Memory as per RFP is too high for CCTV video data storage system and will incur unnecessary extra cost to the system. The specification is specific to ICT vendor only. Whereas, there are various large scale video storage solution available which uses very less resource to record and manage storage of up to 5 PB. Hence, it is requested to amend remove this parameter to allow participation of CCTV OEM(s).	Please read as: Cache/Memory - 64 GB per device and upgradable to 128 GB per device.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
337	Annexure C, Technical Specification, 4.1 Storage (for Video's), S/N 12	Supported OS: Windows Server 2008 or higher, Mac OS X 10.x, Linux (RHEL 6.5 or higher and SLES 11 or higher)	Supported OS: Windows Server 2008 or higher / Mac OS X 10.x / Linux (RHEL 6.5 or higher and SLES 11 or higher) / Embedded Linux The video storage system shall run on only one OS. Once it is deployed and rolledout that no need to change the OS for its life time. Different OEM(s) uses different OS as per their solution. The proposed solution is not OS platform dependent. Also, required system architecture and standard are not same for types of OS as asked in the RFP. Hence, it is requested to amend this parameter to allow participation of CCTV OEM(s).	No Change, As per RFP.
338	OEM Qualification Criteria	OEM of the offered product (CCTV camera) should have the minimum average annual financial turnover of Rs. 200 crore during the last three years (2018- 19, 2019-20,and 2020-21).	OEM of the offered product (CCTV camera) should have the minimum average annual financial turnover of Rs. 200 crore during the last three years (2018- 19, 2019-20,and 2020-21) in India or Globally. Current clause is restrictive to only a handful of OEMs and restricts competition	Please read the clause as : OEM of the offered product (CCTV camera) should have the minimum average annual financial turnover of Rs. 200 crore during the last three years (2018- 19, 2019-20,and 2020-21) in India or Globally
339	Bullet Camera	Minimum Illumination for Capturing Color Image ( L ) -0.05 Lux	Kindly Change Illumination factor to 0.1 Lux for wider participation. 0.1Lux is Industry Standard and will allow top brnds to participate	No Change, As per RFP.
340	Bullet Camera	ONVIF-Supports ONVIF S,G & T	ONVIF-Supports . Kindly Allow to make integration Through API/SDK Onvif is only a guide for protocols. It does not guarantee interoperability amongst brands. It is thus requested to change the same or allow SDK for complete integration in future	No Change, As per RFP.
341	Dome Camera	Minimum Illumination for Capturing Color Image ( L ) -0.05 Lux	Kindly Change Illumination factor to 0.1 Lux for wider participation.0.1Lux is Industry Standard andwill llow top brnds to participate	No Change, As per RFP.
342	Dome Camera	Minimum Illumination for Capturing Color Image ( L ) -0.05 Lux	Kindly Change Illumination factor to 0.1 Lux for wider participation.0.1Lux is Industry Standard andwill llow top brnds to participate	No Change, As per RFP.
343	Dome Camera	ONVIF-Supports ONVIF S,G & T	Kindly Allow to make integration Through API/SDK. Onvif is only a guide for protocols. It does not guarantee interoperability amongst brands. It is thus requested to change the same or allow SDK for complete integration in future	No Change, As per RFP.
344	Bullet Camera for Coastal Police Stations	Minimum Illumination for Capturing Color Image ( L ) -0.05 Lux	Kindly Change Illumination factor to 0.1 Lux for wider participation. 0.1Lux is Industry Standard andwill llow top brnds to participate	No Change, As per RFP.
345	Bullet Camera for Coastal Police Stations	Minimum Illumination for Capturing Color Image ( L ) -0.05 Lux	Kindly Change Illumination factor to 0.1 Lux for wider participation. 0.1Lux is Industry Standard andwill llow top brnds to participate	No Change, As per RFP.
346	Bullet Camera for Coastal Police Stations	ONVIF-Supports ONVIF S,G & T	ONVIF-Supports . Kindly Allow to make integration Through API/SDK. Onvif is only a guide for protocols. It does not guarantee interoperability amongst brands. It is thus requested to change the same or allow SDK for complete integration in future	No Change, As per RFP.
347	Dome Cameras for Coastal Police Stations	Kindly Change Illumination factor to 0.1 Lux for wider participation	0.1Lux is Industry Standard andwill llow top brnds to participate	No Change, As per RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
348	Dome Cameras for Coastal Police Stations	Kindly Change Illumination factor to 0.1 Lux for wider participation	0.1Lux is Industry Standard and will allow top brands to participate	No Change, As per RFP.
349	Dome Cameras for Coastal Police Stations	ONVIF-Supports . Kindly Allow to make integration Through API/SDK	Onvif is only a guide for protocols. It does not guarantee interoperability amongst brands. It is thus requested to change the same or allow SDK for complete integration in future	No Change, As per RFP.
350	16 Ch NVR with 12 TB Storage	Support ONVIF S, G & T and above cameras, should support Remote live view and remote playback	ONVIF-Supports . Kindly Allow to make integration Through API/SDK	No Change, As per RFP.
351	16 Ch NVR with 12 TB Storage	Operating Temperature: 0-50 °C, should be Rack mounted	Operating temperature should be allowed up to 40 degree for Wider participation. NVR are not exposed to sunlight and are kept in control room. Thus reducing to 40Degrees will allow competition and remove restrictive parameters.	No Change, As per RFP.
352	16 Ch NVR with 16 TB Storage	Support ONVIF S, G & T and above cameras, should support Remote live view and remote playback	ONVIF-Supports . Kindly Allow to make integration Through API/SDK	No Change, As per RFP.
353	16 Ch NVR with 16 TB Storage	Operating Temperature: 0-50 °C, should be Rack mounted	Operating temperature should be allowed up to 40 degree for Wider participation. NVR are not exposed to sunlight and are kept in control room. Thus reducing to 40Degrees will allow competition and remove restrictive parameters.	No Change, As per RFP.
354	32 CH with 24 TB	Support ONVIF S, G & T and above cameras, should support Remote live view and remote playback	ONVIF-Supports . Kindly Allow to make integration Through API/SDK	No Change, As per RFP.
355	32 CH with 24 TB	Operating Temperature: 0-50 °C, should be Rack mounted	Operating temperature should be allowed up to 40 degree for Wider participation. NVR are not exposed to sunlight and are kept in control room. Thus reducing to 40Degrees will allow competition and remove restrictive parameters.	No Change, As per RFP.
356	32 Ch 32 TB Hard Disk	Support ONVIF S, G & T and above cameras, should support Remote live view and remote playback	ONVIF-Supports . Kindly Allow to make integration Through API/SDK	No Change, As per RFP.
357	32 Ch 32 TB Hard Disk	Operating Temperature: 0-50 °C, should be Rack mounted	Operating temperature should be allowed up to 40 degree for Wider participation. NVR are not exposed to sunlight and are kept in control room. Thus reducing to 40Degrees will allow competition and remove restrictive parameters.	No Change, As per RFP.
358	Cluster / 6	Border Range	Please Merge Border Scope to Nearby District Cluster; if Cluster 4 can merged with other 3 Clusters the execution can be smooth.	No Change, As per RFP.
359	Eligibility Criteria - PQ 3	Turnover during the last three financial years (2018- 19, 2019-20 and 2020-21).	Turnover during the last three financial years (2021- 20, 2020-21 and 2021-22). for Current FY already 8 Months over, So we request to consider Last 3 FY turnover for Qualifications.	Please read the clause as : Turnover during the last three financial years (2018- 19, 2019-20 and 2020-21). Or Turnover during the last three financial years (2019- 20, 2020-21 and 2021-22).
360	Eligibility Criteria - PQ 3	Clusterwise Turnover 40 Cr / 80 Cr / 120 Cr / 160 Cr.	Clusterwise Turnover 25 Cr / 50 Cr / 75 Cr / 100 Cr. Requesting to please relook for bidder's turnover for reduction for better participation.	No Change, As per RFP.
361	Eligibility Criteria - PQ 5	OEM /Bidder Experience	Requesting Separate Experience of Bidder & OEM. For Camera OEM Supply and for Bidder SITC of Cameras. This is Complex Project, Bidder should have Experience to execute CCTV Cameras as per RFP Scope.	No Change, As per RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
362	Eligibility Criteria	Additional	Bidder Should Have Quality Certifications Like ISO9000, ISO27000, CMMI etc. Requesting to add / Ask for some Quality certifications from Bidder.	No Change, As per RFP.
363	New	Not Asked	Technical Scope Table of 100 Marks WRT RFP scope; This is Solution Project, We request GIL / EU to add 100 Marks as Technical Score and min 70 Marks as Qualification for Commercial Stage.	No Change, As per RFP.
364	Payment / 41	50% Delivery, 20% I&C, 20% FAT, 10% Golive	70% Delivery, 10% I&C, 10% FAT, 10% Golive. Request to please increse % Payment on Delivery to 70%; This will help bidder to unload Finance cost on bid value.	Please see the changes in the revised bid document
365	Capex to Opex	70 % Capex & 30% Opex	80 % Capex & 20% Opex. Request to please consider capex to opex ratio to 80/20; This will help bidder to unload Finance cost on bid value.	Please see the changes in the revised bid document
366	Additional	Access & Log Management Solution	Please ask for Automataed Privillage Access Managemnet & Log archival solution. This must to identify who access the data with right Management and Log analysis of Server / Storage Access.	No Change, As per RFP.
367	Camera installation in various branches	3.4. Camera installation in various branches (SOG, DCB, LCB, LIB, Cyber Police stations) and new Police Station	b. Following major locations to be covered under surveillance through CCTV camera under police station: Police Inspector office and Police sub inspector office are duplicated in the list so please clarify	Please find the corrigendum
368	3.5.General Requirements for IP Video Surveillance / CCTV System at all police stations (existing and new) and branch offices (SOG, DCB, LCB, LIB, Cyber Police stations)	q. Bidder should provide the remote monitoring facilities of the respective police stations to 40 SP/CP offices across Gujarat. Tenderer/Department will provide the required bandwidth and hardware for the same, Bidder has to provide necessary software with required license and Bidder has to use existing hardware available at SP office for remote monitoring. Bidder has to include the cost of AMC & operations and maintenance of the equipment used for the same while quoting the commercials. The existing equipment used for remote monitoring at 40 SP offices across Gujarat is as per following:	Please calrify whether we have to consider CCTV monitoring for all police stations across gujarat from all 40 CP/SP offices or only monitoring of respective police stations from respective CP/SP office ?	The project involves the work of the locations listed in the tender ( Annexure F)
369	3.12.Other Requirements	viii. Bidder should supply GI pipes (where ever required) and do the asphalt cutting/boring/RCC/plaster cutting as per site requirements.	No line Item mentioned in the BOQ for GI Pipes . pls clarify required Size & qty. for the same	Size and qty as per site requirements
370	3.13.Proof of Concept (PoC) (Cluster wise)	During PoC the bidder would be assigned any one police station (cluster wise/or as define by the office) where the existing CCTV camera setup has been installed earlier in year 2015. The bidder will demonstrate & functioning of proposed hardware like CCTV camera (with Additional 4 nos. of cameras), NVR, storage having 18 month storage capacity and related accessories) & show case the overall functioning of the assigned police station. Below mentioned points should be presented during demonstration:	Requesting you to allow PoC for the Storage for 1 week to 15 Days instead of 18 Months with any available storage device with bidder. Asking 18 months of period for the storage duration for PoC is practically very long duration, also organizing quoted make and model of storage for such a long duration(18 Months) is commerically not viable.	No Change, As per RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
371	Price Bid	item No. 26 EMS/ NMS Server & item No. 27 EMS / NMS Software	As per Bid NMS & EMS Qty. only mentioned for Cluster-1 only so clarify whether we have to consider total license for NMS & EMS for Cluster-1 only or we have to add required licenses for other clusters in to cluster- 1 ?	EMS & NMS is to be used at the central location for all clusters
372	Additional Suggestion	Additional Suggestion	CCTV OEM should be active company and should have direct presence in India from last ten years (not as joint venture, partnership firms or through any other association) & manufacturing in India since last Five years (not as joint venture, partnership firms or through any other association) and Foreign CCTV OEM should have manufacturing unit globally from last 10 Years at the time of bidding. Documentary evidence should be submitted.	Please refer the additional clause as:  3. Eligibility Criteria: PQ.7. OEM Presence OEMs of proposed equipment/components (CCTV Camera & VMS) should have their own registered office in India as per the prevalent/ applicable laws of India and be in operation in India for last five years as on the bid issuance date. Registered offices by way of Joint ventures, Franchise, agency, distribution partners will not be considered.
373	Additional Suggestion	Additional Suggestion	CCTV OEM should have ISO 9001, 14001, 27001, 45001, 20000, ISO/IEC 27032:2012 (Cyber Security) and CMMI Level 3 Certificate.	No Change, As per RFP.
374	Additional Suggestion	Additional Suggestion	1. Request to consider consortium to cover such large and comprehensive work	No Change, As per RFP.
375	Additional Suggestion	Additional Suggestion	2. The bidder has to replace existing CCTV SS with new system along with buy back of existing CCTV cameras, servers and UPSs (Ref Tender Pg -13), Request to share the Model & Make with year of Installation and current status warranty / AMC .	Please see the changes in the revised bid document
376	Additional Suggestion	Additional Suggestion	3. Further to the pre bid meeting, we request to extend the bid submission date for two weeks as we require time to compile the data as desired & our OEMs require time to respond with better rates.	Extended
377		Bullet camera	Certification > FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, BIS. Note: In case of Make in India Product UL certification is not required. The UL 62368-1 is the newly up dated standard of UL 60950-1 , Every OEMs need some time to upgrade from existing standard to new standard. Hence request you to kindly consider to Modify to UL 60950-1	Please read the clause as:  All Quoted Cameras and NVR should have FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, IEC/BIS/Equivalent Indian Standards. Note: In case of Make in India Products UL certification is not required. However, MII product should have a certification from a NABL-approved lab/STQC Lab with equivalent IEC standard ( IEC 62368-1) before the date of publishing of the RFP

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
378		Dome camera	<p>Certification &gt; FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, BIS. Note: In case of Make in India Product UL certification is not required. The UL 62368-1 is the newly up dated standard of UL 60950-1 , Every OEMs need some time to upgrade from existing standard to new standard. Hence request you to kindly consider to Modify to UL 60950-1</p>	<p>Please read the clause as: All Quoted Cameras and NVR should have FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, IEC/BIS/Equivalent Indian Standards. Note: In case of Make in India Products UL certification is not required. However, MII product should have a certification from a NABL-approved lab/STQC Lab with equivalent IEC standard ( IEC 62368-1) before the date of publishing of the RFP</p>
379		Bullet camera for costal area police station	<p>Certification &gt; FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, BIS, NEMA 4X. Note: In case of Make in India Product UL certification is not required. The UL 62368-1 is the newly up dated standard of UL 60950-1 , Every OEMs need some time to upgrade from existing standard to new standard. Hence request you to kindly consider to Modify to UL 60950-1</p>	<p>Please read the clause as: FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, BIS, NEMA 4X. Note: In case of Make in India Product UL certification is not required, however , MII product should have a certification from a NABL-approved lab/STQC Lab with equivalent IEC standard ( IEC 62368-1) before the date of publishing of the RFP</p>
380		Dome camera for costal area police station	<p>Certification &gt; FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, BIS, NEMA 4X. Note: In case of Make in India Product UL certification is not required. The UL 62368-1 is the newly up dated standard of UL 60950-1 , Every OEMs need some time to upgrade from existing standard to new standard. Hence request you to kindly consider to Modify to UL 60950-1</p>	<p>Please read the clause as: FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, BIS, NEMA 4X. Note: In case of Make in India Product UL certification is not required, however , MII product should have a certification from a NABL-approved lab/STQC Lab with equivalent IEC standard ( IEC 62368-1) before the date of publishing of the RFP</p>



Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
381		16 CH Network Video Recorder with 12 TB Storage	<p>Certification- FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, BIS certified at the time of bidding. The OEM should have ISO 9001:2008 or latest and ISO 14001:2004 or latest certificate for Manufacturing. The UL 62368-1 is the newly up dated standard of UL 60950-1 , Every OEMs need some time to upgrade from existing standard to new standard. Hence request you to kindly consider to Modify to UL 60950-1</p>	<p>Please read the clause as:</p> <p>10. Certification- FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, BIS certified at the time of bidding. The OEM should have ISO 9001:2008 or latest and ISO 14001:2004 or latest certificate for Manufacturing.</p> <p>Note: In case of Make in India Product UL certification is not required, however , MII product should have a certification from a NABL-approved lab/STQC Lab with equivalent IEC standard ( IEC 62368-1) before the date of publishing of the RFP</p>
382		16 CH Network Video Recorder with 16 TB Storage	<p>Certification- FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, BIS certified at the time of bidding. The OEM should have ISO 9001:2008 or latest and ISO 14001:2004 or latest certificate for Manufacturing. The UL 62368-1 is the newly up dated standard of UL 60950-1 , Every OEMs need some time to upgrade from existing standard to new standard. Hence request you to kindly consider to Modify to UL 60950-1</p>	<p>Please read the clause as:</p> <p>10. Certification- FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, BIS certified at the time of bidding. The OEM should have ISO 9001:2008 or latest and ISO 14001:2004 or latest certificate for Manufacturing.</p> <p>Note: In case of Make in India Product UL certification is not required, however , MII product should have a certification from a NABL-approved lab/STQC Lab with equivalent IEC standard ( IEC 62368-1) before the date of publishing of the RFP</p>
383		32 CH Network Video Recorder with 24 TB Storage	<p>Certification- FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, BIS certified at the time of bidding. The OEM should have ISO 9001:2008 or latest and ISO 14001:2004 or latest certificate for Manufacturing. The UL 62368-1 is the newly up dated standard of UL 60950-1 , Every OEMs need some time to upgrade from existing standard to new standard. Hence request you to kindly consider to Modify to UL 60950-1</p>	<p>Please read the clause as:</p> <p>10. Certification- FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, BIS certified at the time of bidding. The OEM should have ISO 9001:2008 or latest and ISO 14001:2004 or latest certificate for Manufacturing.</p> <p>Note: In case of Make in India Product UL certification is not required, however , MII product should have a certification from a NABL-approved lab/STQC Lab with equivalent IEC standard ( IEC 62368-1) before the date of publishing of the RFP</p>

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
384		32 CH Network Video Recorder with 32 TB Storage	<p>Certification- FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, BIS certified at the time of bidding. The OEM should have ISO 9001:2008 or latest and ISO 14001:2004 or latest certificate for Manufacturing. The UL 62368-1 is the newly updated standard of UL 60950-1 , Every OEMs need some time to upgrade from existing standard to new standard. Hence request you to kindly consider to Modify to UL 60950-1</p>	<p>Please read the clause as:</p> <p>10. Certification- FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, BIS certified at the time of bidding. The OEM should have ISO 9001:2008 or latest and ISO 14001:2004 or latest certificate for Manufacturing.</p> <p>Note: In case of Make in India Product UL certification is not required, however , MII product should have a certification from a NABL-approved lab/STQC Lab with equivalent IEC standard ( IEC 62368-1) before the date of publishing of the RFP</p>
385		Scope Of Work	<p>OEM of the offered product (CCTV camera) should have the minimum average annual financial turnover of Rs. 200 crore during the last three years (2018- 19, 2019-20 and 2020-21).</p> <p>Bidder is going to do SITC of overall project for all components. So request bidder turnover can be 200cr and relax the OEM turnover. We have experience of supplying more than 5000 cameras in single order and more than 20000 IP cameras deployed at government projects in India. Instead of turnover request you to consider experience of cameras installation in government projects in India. Indian OEMs who work only on government projects will be restricted due to this point. Hence we request you relax this turnover criteria</p>	<p>No Change, As per RFP.</p>

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
386	3. Eligibility Criteria	Additional Clause	<p>The OEM of the IP CCTV Camera, VMS, Server &amp; Storage should have direct registered office in India for minimum 5 years. Registered offices by way of Joint ventures, Franchise, distribution partners will not be considered. Also, Merger or takeover of Joint ventures /new companies less than 3 years will not be considered.</p> <p>Request you to ask minimum 5 Years India presence for all the OEMs as this will ensure their stability in India market and also will get the full support in future as per the tender terms.</p>	<p>Please refer the additional clause as:</p> <p>3. Eligibility Criteria: PQ.7. OEM Presence OEMs of proposed equipment/components (CCTV Camera &amp; VMS) should have their own registered office in India as per the prevalent/ applicable laws of India and be in operation in India for last five ( 5) years as on the bid issuance date. Registered offices by way of Joint ventures, Franchise, agency, distribution partners will not be considered.</p>
387	3.5. General Requirements for IP Video Surveillance / CCTV System at all police stations (existing and new) and branch offices (SOG, DCB, LCB, LIB, Cyber Police stations)	cc. ONVIF – VMS & NVR Server and Storage should have support of ONVIF so that all ONVIF supported Cameras can be mapped in the system for Live viewing, Recording & Playback along with Alert based recording & snapshot.	<p>cc. ONVIF – VMS &amp; NVR <del>Server and Storage</del> should have support of ONVIF so that all ONVIF supported Cameras can be mapped in the system for Live viewing, Recording &amp; Playback along with Alert based recording &amp; snapshot.</p> <p>ONVIF is for Camera, NVR &amp; VMS, it is not related to core hardware devices like Server, Storage etc. so request you to remove ONVIF support from Server &amp; Storage as no OEM supported the same.</p>	<p>Please read the clause as:</p> <p>cc. ONVIF – VMS &amp; NVR should have support of ONVIF so that all ONVIF supported Cameras can be mapped in the system for Live viewing, Recording &amp; Playback along with Alert based recording &amp; snapshot.</p>
388	3.5. General Requirements for IP Video Surveillance / CCTV System at all police stations (existing and new) and branch offices (SOG, DCB, LCB, LIB, Cyber Police stations)	kk. Protocols – NVR, Server and Storage should have support of all the required protocols for the solution such as IPv4, IPv6, TCP/IP, UDP/IP, HTTP, HTTPS, SMTP, ICMP, DNS, NTP, SNMP, FTP, etc.	<p>kk. Protocols – NVR, <del>Server and Storage</del> should have support of all the required protocols for the solution such as IPv4, IPv6, TCP/IP, UDP/IP, HTTP, HTTPS, SMTP, ICMP, DNS, NTP, SNMP, FTP, etc.</p> <p>These all protocols are for Camera &amp; NVR, Some are supported by Server &amp; Storage some not so request you to remove these protocols support from Server &amp; Storage.</p>	<p>Please read the clause as :</p> <p>kk. Protocols – NVR should have support of all the required protocols for the solution such as IPv4, IPv6, TCP/IP, UDP/IP, HTTP, HTTPS, SMTP, ICMP, DNS, NTP, SNMP, FTP, etc.</p>
389	4. Scope of Work and Terms and Conditions 3.12. Other Requirements	x. All Quoted Cameras and NVR should have CE/ equivalent Indian Standard, FCC/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard Certified and BIS certification required. In case of Make in India Product UL certification is not required	<p>x. All Quoted Cameras and NVR should have CE/ equivalent Indian Standard, FCC/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard Certified and BIS certification required. <del>In case of Make in India Product UL certification is not required</del></p> <p>Request you to remove the suggested line as UL also having labs &amp; offices in India and doing testing of devices in India. Also you have already asked equivalent Indian Standard certificate against UL so Make in India company can produce the same during bid.</p>	<p>Please read the clause as:</p> <p>x. All Quoted Cameras and NVR should have CE/ equivalent Indian Standard, FCC/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard Certified and BIS certification required. In case of Make in India Product UL certification is not required, however, MII product should have a certification from a NABL-approved lab/STQC Lab with equivalent IEC standard ( IEC 62368-1) before the date of publishing of the RFP</p>

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
390	4. Scope of Work and Terms and Conditions 3.12. Other Requirements	Additional Clause	<p>xii. All Quoted Server &amp; Storage should have CE/ equivalent Indian Standard, FCC/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard Certified and BIS certification required.</p> <p>Request you to ask the same certificates for Server &amp; Storage which asked for Cameras &amp; NVR as this will ensure the quality &amp; stability of the Server &amp; Storage which is very much required in the asked solution. Also all the major OEMs like Dell, HP, Netapp etc. having the same.</p>	<p>Please read the clause as :</p> <p>All Quoted Server &amp; Storage should CE/ equivalent Indian Standard, FCC/ equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard Certified and BIS certification required.</p> <p>Note: In case of Make in India Product UL certification is not required, however, MII product should have a certification from a NABL-approved lab/STQC Lab with equivalent IEC standard ( IEC 62368-1) before the date of publishing of the RFP</p>
391	Annexure C Technical Specification Bullet camera Dome camera Bullet camera for costal area police station Dome camera for costal area police station	43. Certification: FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, BIS. Note: In case of Make in India Product UL certification is not required.	<p>43. Certification: FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, BIS. <del>Note: In case of Make in India Product UL certification is not required.</del></p> <p>Request you to remove the suggested line as UL also having labs &amp; offices in India and doing testing of devices in India. Also you have already asked equivalent Indian Standard certificate against UL so Make in India company can produce the same during bid.</p>	<p>Please read the clause as for Dome &amp; Bullet Cameras:</p> <p>should have FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, IEC/BIS/Equivalent Indian Standards.</p> <p>Note: In case of Make in India Products UL certification is not required. However, MII product should have a certification from a NABL-approved lab/STQC Lab with equivalent IEC standard ( IEC 62368-1) before the date of publishing of the RFP</p> <p>Please read the clause as for Dome &amp; Bullet Cameras for costal area police station:</p> <p>FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, BIS, NEMA 4X.</p> <p>Note: In case of Make in India Products UL certification is not required. However, MII product should have a certification from a NABL-approved lab/STQC Lab with equivalent IEC standard ( IEC 62368-1) before the date of publishing of the RFP</p>
392	Annexure C Technical Specification Bullet camera Dome camera	44. Audio: All type of IP camera has inbuilt mic / external mic in the supplied camera from day1. Bidder should ensure that audio recording should be happen along with video on storage device from day 1	<p>44. Audio: All type of IP camera has inbuilt mic &amp; provision of external mic in the supplied camera from day1. Bidder should ensure that audio recording should be happen along with video on storage device from day 1</p> <p>Request you to ask Built-in Mic mandatory in all type of Cameras as external mic can be tampered or disconnected to avoid voice recording. Also Built-in Mic normally comes with Noise Cancellation and has the coverage of 6-7 meters easily.</p>	<p>Please refer the revised specification in SoW:</p> <p>d. All types of IP cameras must have inbuilt mic and connectivity option for external mic from day 1. Bidder should ensure that audio recording should happen along with video on storage device from day 1.</p>

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
393	Annexure C Technical Specification Video Management Software	1. General: The VMS should support any ONVIF compliant IP cameras and should support ONVIF Profile S, G, T.	<p>1. General: The VMS should support any ONVIF compliant IP cameras and should support ONVIF Profile S, G, T &amp; M. The Declaration of ONVIF S, G, T &amp; M Profile shall be available on ONVIF Official Website <a href="http://www.onvif.org">www.onvif.org</a> in the Conformant Devices.</p> <p>Request you to ask VMS ready with ONVIF profile M support as profile M will help to get the metadata of all edge analytics from the cameras so that will get the alert on VMS without any typical integration.</p>	<p>Please refer as:</p> <p>1. General: The VMS should support any ONVIF compliant IP cameras and should support ONVIF Profile S, G, T &amp; M and same should be reflected in <a href="http://www.onvif.org">www.onvif.org</a> under Conformant Devices list.</p>
394	Annexure C Technical Specification Video Management Software	19. Security: The OEM of the proposed VMS should have certificate from CERT-IN empanelled auditors to mitigate cyber security attacks or should provide it before installation of the product at customer premises	<p>19. Security: The OEM of the proposed VMS should have undergone Audit as per OWASP Top 10 Vulnerabilities &amp; must Possess a Valid Application Audit certificate from CERT-IN empanelled Government Agency/Auditor to mitigate cyber security attacks <del>or should provide it before installation of the product at customer premises</del></p> <p>CERT-in from a Government agency will ensure that VMS is completely free from Vulnerabilities and will not be effected from any cyberattack in future and can help to save the stored data from these types of attacks. Also please ask the same certificate in VMS from day 1.</p>	<p>Please refer revised specification as:</p> <p>19. Security: The OEM of the proposed VMS should have certificate from CERT-IN empaneled Government auditors/ agencies to mitigate cyber security attacks as per OWASP Top 10 Vulnerabilities. And should have CERT-IN certificate before the date publishing of the RFP.</p>
395	Annexure C Technical Specification Video Management Software	Additional Specification	<p>The VMS Application must Support for P2P Communication Model for Communication of the NVR &amp; the VMS at the SP Offices. Any Additional Hardware &amp; Software required for Achieving the P2P Communication Model has to be Considered as a part of the BID.</p> <p>This feature will help to get the connectivity over the internet itself without the help of static IP as many times static IPs are not available and need to check the live footage of any site than P2P will help to get the same.</p>	<p>The VMS Application must Support for P2P Communication Model for Communication of the NVR &amp; the VMS at the SP Offices. Any Additional Hardware &amp; Software required for Achieving the P2P Communication Model has to be Considered as a part of the BID.</p>
396	Annexure C Technical Specification Video Management Software	Additional Specification	<p>The Proposed VMS &amp; NVR should not be from the same OEM, &amp; that the Proposed VMS should be a True Open Platform, Brand Agnostic &amp; Scalable enough with no Limitation of No. of Channel Licenses Supported.</p> <p>Dedicated VMS OEMs are capable to integrate all camera from different OEMs and having very stable system which is required in this solution. Also easy customization and future integration with any Camera OEM can be possible. so request you to add this specification</p>	<p>No Change, As per RFP.</p>
397	Annexure C Technical Specification Server	6. Power supply: Support 2 Hot-Swappable Power supply in N+1 Mode or more	<p>6. Power supply: Support 3 Hot-Swappable Power supply in N+1 Mode or more</p> <p>Server is one of the main hardware which will take the recording of all the cameras so avoid any failure at server end, better to have 3 power supply support so that Server will be in operational condition if 2 power supplies got failed at same time.</p>	<p>As per RFP, No change</p>

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
398	Annexure C Technical Specification Server	7. RAID support: 1, 3, 5, 6, with Hot Spares support	7. RAID support: 1, 3, 5, 6, 50, 60 with Hot Spares support from day 1  As RFP asked RAID 5 & 6 support with Hot Spare but better to have RAID 50 & 60 support also from day 1 so that in future if more redundancy required at Storage level, customer need not to buy any additional hardware or license.	Please read revised specification as:  14. RAID configuration: 1, 5, 6, 50, 60 & Hot-sp spare support from day-1
399	Annexure C Technical Specification Server	Additional Specification	Certification: All Quoted Server should have CE/ equivalent Indian Standard, FCC/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard Certified and BIS certification required.  Request you to ask the same certificates for Server which asked for Cameras & NVR as this will ensure the quality & stability of the Server which is very much required in the asked solution. Also all the major OEMs like Dell, HP, Netapp etc. having the same.	Please read the clause as :  All Quoted Server & Storage should CE/ equivalent Indian Standard, FCC/ equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard Certified and BIS certification required.  Note: In case of Make in India Product UL certification is not required, however, MII product should have a certification from a NABL-approved lab/STQC Lab with equivalent IEC standard ( IEC 62368-1) before the date of publishing of the RFP
400	Annexure C Technical Specification Server	Additional Specification	Compatibility / Integration: Server & Storage should be from single OEM only for better integration  This is always advisable to have Server & Storage from a single OEM for better integration as handshaking between Server & Storage is very much required as per the solution asked and some times integration having issues due to different OEMs and same issue can be happened during live scenario.	No Change, As per RFP.
401	Annexure C Technical Specification 4.1 Storage (for Video's)	14. RAID configuration: 1 , 5, 6,	14. RAID configuration: 1 , 5, 6, 50, 60 with Hot Spares support from day 1  As RFP asked RAID 5 & 6 support with Hot Spare but better to have RAID 50 & 60 support also from day 1 so that in future if more redundancy required at Storage level, customer need not to buy any additional hardware or license.	Please read revised specification as:  14. RAID configuration: 1 , 5, 6, 50, 60 & Hot-sp spare support from day-1
402	Annexure C Technical Specification 4.1 Storage (for Video's)	16. General Features: Should support scheduled Backup and incremental backup for data backup and recovery	16. General Features: Should support Asynchronous Backup, scheduled Backup and incremental backup with Cloning of Share & Volume for data backup and recovery.  Asynchronous Backup will consume less bandwidth and can work easily in long distance network as compared to Synchronous Backup so request you to ask Asynchronous Backup support from day 1 as this will help to replicate one storage data to other one in less time and without any file corruption. Also as per the solution, need to make Volumes & Shares in Storage so cloning support of the same very much required to avoid any data loss.	Please read revised specification as:  16. General Features: Should support scheduled Backup, Asynchronous Backup and incremental backup with Cloning of Share & Volume for data backup and recovery

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
403	Annexure C Technical Specification 4.1 Storage (for Video's)	Additional Specification under General Features	<p>The storage system shall come standard with Advanced Battery Flash Backup design and should have Cache to Flash features Built-in.</p> <p>This feature will help to speed up the performance, also will help to reduce the energy consumption. Both these features very much required in the asked solution as here data is video data which is very heavy and to store the same lot of performance &amp; energy required</p>	<p>Please refer additional specification as:</p> <p>16. General Features: The storage system shall come standard with Advanced Battery Flash Backup design and should have Cache to Flash features Built-in.</p>
404	Annexure C Technical Specification 4.1 Storage (for Video's)	Additional Specification	<p>Should support Auto-Tiering, VVol Direct, PC backup license from day 1.</p> <p>Auto-Tiering will increase storage efficiency &amp; improve disaster recovery. VVol Direct will simplified storage management for large virtual environments through optimal resource utilization &amp; dynamic adjustment in real-time. PC backup license will help to take the backup of any important data from any PC. Request you to ask these features from day 1 to improve the performance &amp; data security of the storage</p>	No Change, As per RFP.
405	Annexure C Technical Specification 4.1 Storage (for Video's)	Additional Specification	<p>UPS Power Management, Auto Shut down if abnormality detect, SNMP based Email Notification alert.</p> <p>This feature will be very helpful as all the main devices will be connected through UPS only so having the data of UPS will allow to get the all information of health of UPS.</p>	No Change, As per RFP.
406	Annexure C Technical Specification 4.1 Storage (for Video's)	Additional Specification	<p>Certification: All Quoted Storage should have CE/ equivalent Indian Standard, FCC/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard Certified and BIS certification required.</p> <p>Request you to ask the same certificates for Storage which asked for Cameras &amp; NVR as this will ensure the quality &amp; stability of the Storage which is very much required in the asked solution. Also all the major OEMs like Dell, HP, Netapp etc. having the same.</p>	<p>Please read the clause as :</p> <p>All Quoted Server &amp; Storage should CE/ equivalent Indian Standard, FCC/ equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard Certified and BIS certification required.</p> <p>Note: In case of Make in India Product UL certification is not required, however, MII product should have a certification from a NABL-approved lab/STQC Lab with equivalent IEC standard ( IEC 62368-1) before the date of publishing of the RFP</p>

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
407	OEM of the offered product (CCTV camera) should have the minimum average annual financial turnover of Rs. 200 crore during the last three years (2018- 19, 2019-20 and 2020-21).	OEM of the offered product (CCTV camera) should have the minimum average annual financial turnover of Rs. 75 crore during the last three years (2018- 19, 2019-20 and 2020-21).	<p>As per the EMD calculation total cost of the Project is approx. 285 Cr (Total 4 cluster) and the value of Camera and NVR is not more than 20% at any point for the total project cost. After COVID-19 Pandemic all the OEMs and factories have got some downfall in their annual sales in last Financial Year 20-21. The OEM average turnover of 200 Crores in last 3 years is quite high given that the Camera and NVR component (not including hard disk which is manufactured by HDD OEM) is not more than Rs. 60 crores in the Total project cost.</p> <p>Hence, we request to the department to decrease the OEM average annual turnover criteria to Rs. 75 Cr. from Rs. 200 Cr. currently asked in the Tender on grounds of COVID-19 Pandemic which affected sales and revenue turnover of all companies across India and globally with most companies facing 25% to 50% drop in revenue in FY 20-21 and on grounds of the fact that camera and NVR cost component is not more than Rs. 60 crores which can be validated from the cost estimations done by authority for budgetary approvals.</p> <p>The said 200 Cr clause is also restricting competitions and Make In India OEMs, that's why it's strongly recommended to allow Open &amp; healthy competitions by amending the clause of OEM average annual turnover from 200 Cr to 75 Cr.</p>	No Change, As per RFP.
408	Layer 3 Fully Managed Switch	Number of 1G Copper Ports---12 Number of 10G Copper Ports---12 No. of 10 G SFP+ Port (Uplink)---24	<p>Kindly remove the switch port count combination because in a single switch fiber and copper are not possible, It is possible in modular switches.</p> <p>if we are giving copper module in the fiber switch then the technology will change . Copper SFP module supports 30 to 40 meters and it is converting optical to electrical so the technology will change, we are suggesting 48 port fiber and copper separate switches and they will interconnect with DAC cable.</p> <p>Kindly remove or add 24-port copper 10G and 24-port fiber combination switch with HA mode. It is with only 2 OEM's.</p>	<p>Layer 3 Fully Managed Switch &amp; Central Switch L3</p> <p>Bidder has to supply either 1 No of 48 Port Switch or 2 No of 24 Port Swith which has open SFP+ ports which should have the capability to load any of the following moudles according to the bidder solution</p> <p>1 G Copper port 10G Copper Port 10 G SFP+ Port</p> <p>Apart from the above the switch should have 4 Nos. 100G ports for future expansion</p> <p>Bidder has to provide the 48Nos of Module from Day 1 along with Switch as per solution requirement mentioed above.</p>



Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
409	Layer 3 Fully Managed Switch	Multi-Gigabit Support	Multi-Gigabit are not required in layer 3 network this type of switches are using in leaf side	Multi-Gigabit support is optional but Layer 3 Fully Managed Switch should have following features:  Core Switch Should Supports SDN Openflow v1.3 and ONIE, IEEE 802.1Qbb Priority-based Flow Control, OSPFv2/v3, MPLS, BGP4+, IEEE 802.3ah Ethernet Link OAM, IEEE 802.1ag, ITU-T Y.1731 Service OAM, Multicast VLAN, L3 Multicasting - IGMP v1/v2/v3 and PIM-SM.
410	Layer 3 Fully Managed Switch	Number of 1G Copper Ports---12 Number of 10G Copper Ports---12 No. of 10 G SFP+ Port (Uplink)---24	Kindly remove the switch port count combination because in a single switch fiber and copper are not possible, It is possible in modular switches. if we are giving copper module in the fiber switch then the technology will change . Copper SFP module supports 30 to 40 meters and it is converting optical to electrical so the technology will change, we are suggesting 48 port fiber and copper separate switches and they will interconnect with DAC cable. Kindly remove or add 24-port copper 10G and 24-port fiber combination switch with HA mode. It is with only 2 OEM's.	Layer 3 Fully Managed Switch & Central Switch L3  Bidder has to supply either 1 No of 48 Port Switch or 2 No of 24 Port Swith which has open SFP+ ports which should have the capability to load any of the following moudles according to the bidder solution  1 G Copper port 10G Copper Port 10 G SFP+ Port  Apart from the above the switch should have 4 Nos. 100G ports for future expansion  Bidder has to provide the 48Nos of Module from Day 1 along with Switch as per solution requirement mentioed above.
411	Layer 3 Fully Managed Switch	Multi-Gigabit Support	Multi-Gigabit are not required in layer 3 network this type of switches are using in leaf side	Multi-Gigabit support is optional but Layer 3 Fully Managed Switch should have following features:  Core Switch Should Supports SDN Openflow v1.3 and ONIE, IEEE 802.1Qbb Priority-based Flow Control, OSPFv2/v3, MPLS, BGP4+, IEEE 802.3ah Ethernet Link OAM, IEEE 802.1ag, ITU-T Y.1731 Service OAM, Multicast VLAN, L3 Multicasting - IGMP v1/v2/v3 and PIM-SM.
412	CAT 6 Patch Panel	Modular plug fitting (RJ 45) Individual Ports For Unloaded	We are suggesting you fully loaded patch panel because it is easy to maintain Kindly add loaded patch or Remove	No Change, As per RFP.
413	CAT 6 Patch Panel	Dust protection for information outlet	Patch panel is mounted in a RACK and RACK is lockable and other things will not harm to patch panel Kindly Remove	No Change, As per RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
414	16 CH Network Video Recorder with 12 TB Storage	16 Channels or better NVR with supports up to 8 SATA hard drives each support up to 10TB, should be loaded with 16 TB Capacity of HDDs. Should support RAID 0/1/5/6/10. Shouls have the option to increase 25% extra cameras in same NVR without adding any additional hardware.	Additional 25% Cameras ( additonal 4) need to be confirmed at first instance. 16 Ch NVR will support 16 cameras.Kindly remove this clause.	No Change, As per RFP.
415	16 CH Network Video Recorder with 12 TB Storage	2# of Gigabit port with load balancing and failover	2 Giga Lan port supported, for connection in 2 different n/w's. Failover not supported. Failover kindly remove this clause	No Change, As per RFP.
416	16 CH Network Video Recorder with 12 TB Storage	The storage taken above is indicative. Bidder has to ensure that the proposed NVR is capable of storing 1 month's video and audio footage. In case there is the requirement of more storage bidder will arrange at no extra cost to tenderer	Additional storage requirement should be clarified. In later stage additional storage requierment would be mean additional HDD requirement. Kindly remove "In case there is the requirement of more storage bidder will arrange at no extra cost to tenderer" OR else please define it clearly.	No Change, As per RFP.
417	16 CH Network Video Recorder with 16 TB Storage	16 Channels or better NVR with supports up to 8 SATA hard drives each support up to 10TB, should be loaded with 16 TB Capacity of HDDs. Should support RAID 0/1/5/6/10. Shouls have the option to increase 25% extra cameras in same NVR without adding any additional hardware.	Additional 25% Cameras ( additonal 4) need to be confirmed at first instance. 16 Ch NVR will support 16 cameras.Kindly remove this clause.	No Change, As per RFP.
418	16 CH Network Video Recorder with 16 TB Storage	2# of Gigabit port with load balancing and failover	2 Giga Lan port supported, for connection in 2 different n/w's. Failover not supported Failover kindly remove this clause	No Change, As per RFP.
419	16 CH Network Video Recorder with 16 TB Storage	The storage taken above is indicative. Bidder has to ensure that the proposed NVR is capable of storing 1 month's video and audio footage. In case there is the requirement of more storage bidder will arrange at no extra cost to tenderer	Additional storage requirement should be clarified. In later stage additional storage requierment would be mean additional HDD requirement, Kindly remove "In case there is the requirement of more storage bidder will arrange at no extra cost to tenderer" OR else please define it clearly.	No Change, As per RFP.
420	32 CH Network Video Recorder with 16 TB Storage	32 Channels or better NVR with supports up to 8 SATA hard drives each support up to 10TB, should be loaded with 16 TB Capacity of HDDs. Should support RAID 0/1/5/6/10. Shouls have the option to increase 25% extra cameras in same NVR without adding any additional hardware.	Additional 25% Cameras ( additonal 4) need to be confirmed at first instance. 16 Ch NVR will support 16 cameras.Kindly remove this clause.	No Change, As per RFP.
421	32 CH Network Video Recorder with 16 TB Storage	2# of Gigabit port with load balancing and failover	2 Giga Lan port supported, for connection in 2 different n/w's. Failover not supported Failover kindly remove this clause	No Change, As per RFP.
422	32 CH Network Video Recorder with 16 TB Storage	The storage taken above is indicative. Bidder has to ensure that the proposed NVR is capable of storing 1 month's video and audio footage. In case there is the requirement of more storage bidder will arrange at no extra cost to tenderer	Additional storage requirement should be clarified. In later stage additional storage requierment would be mean additional HDD requirement Kindly remove "In case there is the requirement of more storage bidder will arrange at no extra cost to tenderer" OR else please define it clearly.	No Change, As per RFP.
423	32 CH Network Video Recorder with 32 TB Storage	32 Channels or better NVR with supports up to 8 SATA hard drives each support up to 10TB, should be loaded with 16 TB Capacity of HDDs. Should support RAID 0/1/5/6/10. Shouls have the option to increase 25% extra cameras in same NVR without adding any additional hardware.	Additional 25% Cameras ( additonal 4) need to be confirmed at first instance. 16 Ch NVR will support 16 cameras. Kindly remove this clause.	No Change, As per RFP.
424	32 CH Network Video Recorder with 32 TB Storage	2# of Gigabit port with load balancing and failover	2 Giga Lan port supported, for connection in 2 different n/w's. Failover not supported Failover kindly remove this clause	No Change, As per RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
425	32 CH Network Video Recorder with 32 TB Storage	The storage taken above is indicative. Bidder has to ensure that the proposed NVR is capable of storing 1 month's video and audio footage. In case there is the requirement of more storage bidder will arrange at no extra cost to tenderer	Additional storage requirement should be clarified. In later stage additional storage requirement would be mean additional HDD requirement Kindly remove "In case there is the requirement of more storage bidder will arrange at no extra cost to tenderer" OR else please define it clearly.	No Change, As per RFP.
426	Quantifiable Specification / Standards of The Service/ BOQ	The VMS should support any ONVIF compliant IP cameras and should support ONVIF Profile S, G, T.	We hereby request you to kindly pleaseAmend this Clause as:  "The Offered/Proposed VMS Software should be ONVIF S, G, T & M Profile Compliant. The Declaration of ONVIF S, G, T & M Profile shall be available on ONVIF Official Website www.onvif.org in the Conformant Devices. VMS OEM to Submit a Valid Certificate to Substantiate the Proof. The Compliance/Conformance to the ONVIF Profile S, G, T and M should be available with the VMS OEM on or before the Bid Publishing."	Please refer the revised specifications as:  1. General: The VMS should support any ONVIF compliant IP cameras and should support ONVIF Profile S, G, T & M and same should be reflected in www.onvif.org in the Conformant Devices.
427	Quantifiable Specification / Standards of The Service/ BOQ	The Proposed VMS Solution must support native Fail over with in the application with no dependency on any external application for both hardware and application redundancy. The native failover architecture must be for both management and recording servers	We Understand that the VMS Application must just Support the Failover Capabilities & that the VMS Failover Capability is not to be Offered for this Project, as we have seen in the Cluster Wise BOQ Breakup at a Lot of Locations at SP/CP Offices there is just a Single Server, with just a Single Server in Place, Redundancy cannot be Acheved.  Kindly please Confirm if our Understanding is Correct.	No Change, As per RFP.
428	Quantifiable Specification / Standards of The Service/ BOQ	The Fail over and Fall-back management and recording Server shall be on hot standby, ready to take over during the primary management server fails. No manual action from the user shall be required. The fail-over time should not be beyond 30 Seconds.	We Understand that the VMS Application must just Support the Failover Capabilities & that the VMS Failover Capability is not to be Offered for this Project, as we have seen in the Cluster Wise BOQ Breakup at a Lot of Locations at SP/CP Offices there is just a Single Server, with just a Single Server in Place, Redundancy cannot be Acheved.  Kindly please Confirm if our Understanding is Correct.	No Change, As per RFP.
429	Quantifiable Specification / Standards of The Service/ BOQ	The OEM of the proposed VMS should have certificate from CERT-IN empaneled auditors to mitigate cyber security attacks or should provide it before installation of the product at customer premises	We hereby request you to kindly pleaseAmend this Clause as:  "The Offered Video Management Software (VMS) Application should have undergone Audit as per OWASP Top 10 Vulnerabilities & must Possess a Valid Application Audit Certificate from a CERT-IN Empanelled Government Agency/Auditor for the VMS Application, to Mitigate Cyber Security Attacks. The Application must have already undergone Security Audit Certification/Auditing on or before the Bid Publishing Date. The Audit Certificate must be Submitted as a Documentary Evidence/Proof."	Please refer revised specification as:  19. Security: The OEM of the proposed VMS should have certificate from CERT-IN empaneled Government auditors/ agencies to mitigate cyber security attacks as per OWASP Top 10 Vulnerabilities. And should have CERT-IN certificate before the date publishing of the RFP.
430	Quantifiable Specification / Standards of The Service/ BOQ	Additional Clause for Video Management Software (VMS) OEM Competency	The VMS Application must Support for P2P Communication Model for Communication of the NVR's/IP Cameras & the VMS at the SP Offices. Any Additional Hardware & Software required for Achieving the P2P Communication Model has to be Considered as a part of the BID.	The VMS Application must Support for P2P Communication Model for Communication of the NVR's/IP Cameras & the VMS at the SP Offices. Any Additional Hardware & Software required for Achieving the P2P Communication Model has to be Considered as a part of the BID.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
431	Quantifiable Specification / Standards of The Service/ BOQ	Additional Clause for Video Management Software (VMS) OEM Competency	The Proposed VMS & NVR should not be from the same OEM, & that the Proposed VMS should be a True Open Platform, Brand Agnostic & Scalable enough with no Limitation of No. of Channel Licenses Supported.	No Change, As per RFP.
432	Quantifiable Specification / Standards of The Service/ BOQ	Additional Clause for Video Management Software (VMS) OEM Competency	The Intellectual Property Rights (IPR) of Offered Video Management Software (VMS) must not reside in Country sharing Land Border with India. The Video Management Software (VMS) Offered should not be Developed/manufactured by an entity in which the majority shareholding of the entity is from a Country sharing a Land Border with India. OEM must provide with a Declaration about the Intellectual Property Rights (IPR) & Source Code Residence/Filing in the respective Country as a Documentary Evidence. The Video Management Software (VMS) OEM whose Intellectual Property Rights (IPR) & Source Code residing in India shall be Preferable. The OEM who is Claiming to be Make in India OEM with Local Content greater than 50%, then their Intellectual Property Rights (IPR) & Source Code must Reside in India only. Documentary Evidence to be Provided.	No Change, As per RFP.
433	Quantifiable Specification / Standards of The Service/ BOQ	4 Internal Storage 128GB or better	The Internal Storage within the Servers is very Less considering the VMS Application & OS Requirements, we hereby request you to kindly please Increase the Storage to 2x480 GB NVMe SSD in RAID1 Configuration	No Change, As per RFP.
434	Scope of Work	All the video and audio recordings / footages shall be stored for 18 months at SP/CP level. The bidder has to ensure that all the video and audio feeds are transferred from respective police stations & branch offices and are stored, as per Honorable Supreme Court's order, for atleast 18 months at SP/CP level.	We Understand that the Audio & Video Recordings has to be done in the the CP/SP Office for 180 Days, kindly please Define the Recording Resolution, FPS , Min. Bit Rate & Codec for the Recording Parameters at the CP/SP Offices.	Recording resolutions are already defined in page 59
435	Scope of Work	The connectivity at each of these SP/CP office locations shall be provided by the tenderer.	We Understand that Sufficient Bandwidth for the Connectivity between SP/CP Offices & Police stations shall be Provided by the Tenderer, such that the SLA Target of 99.5% Availability of Recording at SP/CP Office can be Maintained.  It is to be Noted that Surveillance Application is Bandwidth Hungry or Bandwidth Intensive requirement & that maintain SLA Target of 99.5% Availability of Recordings can only be Maintained subject to Min. required Bandwidth at CP/SP Offices as well the Police Station shall be Provided by the Tenderer.  For Defining the Bandwidth requirements at Police Stations & SP/CP Offices, we hereby request you to define the Recording & Streaming Parameters.	No Change, As per RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
436	3.5. General Requirements for IP Video Surveillance / CCTV System at all police stations (existing and new) and branch offices (SOG, DCB, LCB, LIB, Cyber Police stations)	mm. Analytics – VMS, NVR or CAMERA should have support of following analytics from day 1 – Motion detection, Tempering/Masking, Loitering, Missing Object & Abandoned Object.	As per the BOQ/Price Bid there is no Line Item for Video Analytics Server, thus we understand that the VMS must Support for Displaying the Events of Edge Video Analytics Supported on Cameras in the Proposed VMS Platform.  Please Confirm if our Understanding is Correct.	Yes your understanding is correct
437	3.5. General Requirements for IP Video Surveillance / CCTV System at all police stations (existing and new) and branch offices (SOG, DCB, LCB, LIB, Cyber Police stations)	mm. Analytics – VMS, NVR or CAMERA should have support of following analytics from day 1 – Motion detection, Tempering/Masking, Loitering, Missing Object & Abandoned Object.	If the Analytics has to be available on the Camera's Edge then in the Detailed Technical Specification of the IP Cameras kindly please Incorporate the Video Analytics Specifications.  & If Analytics are to be Available from the VMS Application Provider, then Provision of Video ANalytics Server in the BOQ/Price Bid needs to be considered.	These are edge analytics which should be displayed/ Alarm notified by VMS
438	EMD/Bid security	Clusterwise EMD Detail	We would like to draw your attention to the Clause 4(xii)(m)/page 14-15 of 'GTC on GeM 4.0 (Version 1.5) dtd 09th October 2022' which contradicts with these Bid security related clauses. Clause 4(xii)(m)(v)/page 14-15 of 'GTC on GeM 4.0 (Version 1.5) dtd 09th October 2022 states that Sellers/ Service Provider having annual turnover of INR 500 Crore or more are exempted to submit the EMD. It also states that - No EMD to be taken from exempt category of sellers even by way of specific clauses mentioned in ATC / STC by the Buyers. Referring to this condition of GTC, we understand that the bidder having annual turnover of more than INR 500 Crore need not to submit any EMD against this tender. Please confirm.	EMD exemption will be applicable as per GeM GTC
439	EMD/Bid security	EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.	We would like to draw your attention to the Clause 4(xii)(m)/page 14-15 of 'GTC on GeM 4.0 (Version 1.5) dtd 09th October 2022' which contradicts with these Bid security related clauses. Clause 4(xii)(m)(v)/page 14-15 of 'GTC on GeM 4.0 (Version 1.5) dtd 09th October 2022 states that Sellers/ Service Provider having annual turnover of INR 500 Crore or more are exempted to submit the EMD. It also states that - No EMD to be taken from exempt category of sellers even by way of specific clauses mentioned in ATC / STC by the Buyers. Referring to this condition of GTC, we understand that the bidder having annual turnover of more than INR 500 Crore need not to submit any EMD against this tender. Please confirm.	EMD exemption will be applicable as per GeM GTC

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
440	EMD/Bid security	Pre-Qualification evaluation: Bidders who have submitted the valid EMD and non refundable bid processing fee shall be considered for further evaluation. If bidders fail to submit the bid security and nonrefundable bid processing fee as per this RFP document, the Bid shall be out rightly rejected.	we would like to draw your attention to the Clause 4(xii)(m)/page 14-15 of 'GTC on GeM 4.0 (Version 1.5) dtd 09th October 2022' which contradicts with these Bid security related clauses. Clause 4(xii)(m)(v)/page 14-15 of 'GTC on GeM 4.0 (Version 1.5) dtd 09th October 2022 states that Sellers/ Service Provider having annual turnover of INR 500 Crore or more are exempted to submit the EMD. It also states that - No EMD to be taken from exempt category of sellers even by way of specific clauses mentioned in ATC / STC by the Buyers. Referring to this condition of GTC, we understand that the bidder having annual turnover of more than INR 500 Crore need not to submit any EMD against this tender. Please confirm	EMD exemption will be applicable as per GeM GTC
441	Estimation	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.	Estimated Bid value is not mentioned anywhere Bid/Tender document. Please provide.	As per RFP, No change
442	MSE	MSE Purchase Preference: No	These two clauses are contradicting each other. If MSE purchase preference is not applicable in this tender, sub-clause 2(iv & 2(v) are has no relevance. Please confirm	NO MSE purchase preference
443	MSE	iv) If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1 v) If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1	These two clauses are contradicting each other. If MSE purchase preference is not applicable in this tender, sub-clause 2(iv & 2(v) are has no relevance. Please confirm	NO MSE purchase preference
444	Eligibility	The average annual Turnover in any of the 3 out of last 4 financial years (FY 2017-18, 2018-19, 2019-20 and 2020- 21) will be considered.	s there any specific reason for not considering / asking turnover for financial year 2021-22? Please elaborate.	Please read the clause as :  Turnover during the last three financial years (2018- 19, 2019-20 and 2020-21).  Or  Turnover during the last three financial years (2019- 20, 2020-21 and 2021-22).
445	3.3C	The successful bidder must replace existing CCTV surveillance system with new state-of-the-art system, along with buyback of existing CCTV cameras, servers and UPSs.	We understand the the condition for buyback of existing CCTV cameras, servers and UPSs is optional only and not mandatory. Please confirm	Please see the changes in the revised bid document

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
446	5.1H	The successful bidder shall arrange to obtain all statutory permission with no cost to the TENDERER. The successful bidder may have to work during Holidays and Sundays, according to the urgency of work. The bidder will obtain such permission on his own in consultation with the TENDERER and its User Departments. It will be the responsibility of the successful bidder to co-ordinate with the TENDERER and its User Departments as necessary to execute the required job.	We understand that the TENDERER will provide its full support (wherever required) in getting statutory permission to execute the project smoothly	As per RFP, No change
447	5.1p	The TENDERER or its designated agency reserve the right to visit any working site of the bidder with prior intimation. The concern bidder must make necessary arrangement for the same.	Please elaborate what kind of necessary arrangement bidder need to make for such visits.	As per RFP, No change
448	5.2 (1)	O&M period will start when 90% of Police Station materials get installed, commissioned & accepted by the Tenderer. In case, any police station is not completed or under construction then this will not be considered as noncommissioning locations for the finalized agency under this bid.	Is it 90% of a lot of 50 Police stations or 90% of Police station of a Cluster? Please clarify. As the payment for Successful Installation, commissioning & acceptance test shall be released for a lot of 50 Police station only, O&M should also start in similar manner.	O&M period will start when 90% of Police Station materials get installed, commissioned & accepted by the Tenderer for respective cluster
449		The Bidder may quote only one option (i.e. one Make and Model can be quoted) against each item cluster wise. Bidders are required to mention Make and Model of the product (Do not write "OEM" against items). Bidders are expected to give make and model of the product). Ensure that all equipment including material to be installed by the Bidder shall be new and the product should not be de-supported or declared end of life during the next 7 years.	Please allow bidder to quote at least two make. Allowing this definitely will have impact on overall bid costing	No Change, As per RFP.
450	3.5 w	Hence, the department now wants to implement CCTV camera based surveillance system in its newly constructed police stations & branch offices (SOG, DCB, LCB, LIB, Cyber Police stations) and replacement of existing CCTV camera based surveillance system at various existing police stations with latest technology and upgradation of storage capacity to store 18 months of video recording and footage as per Hon'ble supreme court's order.	AS per RFP, recording requirement at Police station/ NVR is not clear and somewhere at RFP it mentioned 1 Month and somewhere in RFP it mentioned 18 Months. Kindly clarify exact recording storage requirement at Police Station / NVR 18 Months @ Police Station/NVR Location 1.C - Page 11 of 61 3.2 (Key Outcomes) Page 13 of 61 3.5 (u) - Page 16 of 61 01 Month @ Police Station/ NVR 3.5 (m) Page 15 of 61 3.6 (e) Page 18 of 61 3.12 (v) Page 25 pf 61 3.12 (r) Page 28 of 61 7.4 Annexure D	Please Read as: Scope of Work and Terms and Conditions, 3.1 Introduction, 1. At existing Police Stations, Point -C  Supply, Installation, warranty support, and O & M of of CCTV cameras, NVR with 1 Month storage capacity with required accessories at existing police stations and at SP office to store video footages for 18 months period.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
451	3.5 w	Hence, the department now wants to implement CCTV camera based surveillance system in its newly constructed police stations & branch offices (SOG, DCB, LCB, LIB, Cyber Police stations) and replacement of existing CCTV camera based surveillance system at various existing police stations with latest technology and upgradation of storage capacity to store 18 months of video recording and footage as per Hon'ble supreme court's order.	As per TRAI guidelines, SMS services are per SMS based and not unlimited SMS provision by all telecom providers. In this case kindly clarify number of minimum SMS provision per month billing cycle by cluster-1 bidder OR kindly add Line item in Bills of Material for SMS requirement	As per requirement to maintain necessary SLA
452	3.5bb	The bidder must make provision of Toll-free No. for registering Complaints/ help desk software facility SMS facility to get alert on registered Mobile no. for showing complaints status to respective officer	NMS and Helpdesk is asked under cluster-1 bidder so we assume that SMS service is required to procure by cluster-1 bidder as part of supply and not part of supply for Cluster-II, Cluster III and Cluster IV Kindly clarify and acknowledge	SMS generated by the NMS or integration of SMS gateway will be for Cluster1 bidder, however the Toll free number and helpdesk requirement is for each cluster bidder
453	3.5gg	Bidder must install NMS in the server at central location so that and health can be monitored from these centralized locations	As per RFP requirement EMS and Helpdesk has been asked in Cluster-1 and Manpower resource at central location is asked at cluster-1. Kindly clarify, who will manage and communicate with Cluster-II, Cluster-III and Cluster-IV in case of any outage, EMS/NMS related alert occurred? We request to add individual cluster wise man power to manage and monitor individual cluster component to avoid any internal dependencies	Cluster-wise remote logging console of the centralized helpdesk & NMS will be given to the respective cluster's bidder. SLA will be monitored by respective cluster's bidder
454	3.5 ff	RAID –Storage must have support of RAID 5, RAID 6 & Hot Spare from day 1 so that minimum 2 hard disk backup should be there to protect storage in case of any hard disk failure	As per RFP requirement minimum 2 disk backup has been asked which will suffice with RAID-5 + 1 Hotspare OR RAID-6 + 0 Hotspare Please acknowledge both configuration are acceptable as per requirement	Minimum requirement of 2 Disk back up has been defined but it is must to have Hotspare with both RAID 5 and RAID 6 Functionalities should be supported
455	3.12 iii	Channels – There should be minimum 16/32 camera channels support (as mentioned in BOQ) from day 1 in all NVRs and if required in future same can be increased by 25% in same hardware without any up-gradation of Hardware.	As per RFP, fix storage (12, 16, 24 & 32TB) along with Channel is been asked in NVR so this clause is not applied on bidder Kindly remove this clause OR ask bidder to configure suitable NVR to consider storage requirement + 25% spare space for future requirement	This 16/32 channel is minimum requirement and 25% expansion for future is required so bidder has to make solution accordingly without any changes in the hardware later
456	3.12p	Camera should be loaded with 32 GB SD Cards	As per RFP Scope of work, it has been asked camera with 32GB SD card however as per Technical compliance, camera is asked with 128GB SD card. Please clarify, local storage on camera (SD card) requirement	We have already asked for 128 GB internal memory which is specifically asked for OS only and not for storage, For storage appropriate calculation should be done as per bidder solution



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457	3.13 p	Structured Cabling work (CAT 6) ii. Best practices of CAT 6 cable Laying: Based on the requirement of the RFP bidder will have to lay the CAT6 cable, the same must be underground only. The Below mentioned best practices to be followed for Underground Cable Laying:	As per the RFP requirement, most of all cameras needs to install indoor / Police station and not City wide. Under ground cabling is required for Smart City OR Out-door application. We request to remove underground cabling requirement scope and amend indoor cabling (Wall/ ceiling) cabling including conduite. For Police Station compound/ Open area where camera needs to install would have underground cabling. <del>Kindly amend and acknowledge</del>	Where ever, underground cabling is required at the campus gate, parking etc. The Bidder will have to lay the CAT6 cable at underground. However, inside the police station bidder has to lay cable on wall with conduit
458	3.13 vi	The proof of Concept will be evaluated based on the below mentioned criteria: During PoC the bidder would be assigned any one police station (cluster wise/or as define by the office) where the existing CCTV camera setup has been installed earlier in year 2015. The bidder will demonstrate & functioning of proposed hardware like CCTV camera (with Additional 4 nos. of cameras), NVR, storage having 18 month storage capacity and related accessories) & show case the overall functioning of the assigned police station. Below mentioned points should be presented during demonstration:	Kindly clarify storage requirement at NVR as per Bills of Material, NVR is asked with 1 Month storage capacity however as per PoC requirement it has been asked for 18 Months Kindly clarify	No Change, As per RFP.
459	7.4 Annexure D	16 CH NVR with 12 TB Storage 16 Ch NVR with 16 TB Storage 32 Ch NVR with 24 TB Storage 32 Ch NVR with 32 TB Storage	Kindly clarify asked storage capacity is RAW capacity OR usable capacity after RAID. Also provide minimum RAID consideration for NVR Kindly clarify	This capacity is defined based on calculation as specified in the different location with all details like frame rate, Codec etc , however this is minimum RAW capacity but Bidder to ensure the capacity to be optimum for storing footage for the number of days defined in the RFP at each location
460	3.3. (f)	Existing switches have 4 nos. of ports available. The successful bidder can use these ports for connecting 4 additional cameras	what is a warranty period of the Existing switch, if the Switch malfunctions during the contract period , then client will replace the same or bidder need to replace the switch	Please see the changes in the revised bid document
461	BOQ Item	Regarding Specification of equipment	Please provide the minimum specification of at least main component like server, storage , Camera , NVR ,VMS. This will help bidder to quote accurate price .	Please refer Annexure C Technical Specifications
462	BOQ line item no 25	42 U Cooling Network Rack with required UPS load	Please clarify the tender required a smart rack solution where UPS are inbuilt in the rack , if it is YES then bidder can mount Battery outside the rack ? Because considering the safety factor battery and IT equipment should not place together.	UPS should be rack mounted and Batteries should be placed outside the rack on separate battery rack.
463	BOQ line item no 25	42 U Cooling Network Rack with required UPS load	Split AC is required to maintain 24 degree temperature or the temperature can maintain by smart rack cooling unit.	No Change, As per RFP.
464	BOQ line item no 20 and 21	Storage	please clarify which type of storage system required ( DAS/NAS/SAN )	Please refer Annexure C Technical Specifications

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
465	3.5.Q	At another 24 nos. of SP office available existing equipment – Server- HP	Please provide the specification ,warranty make and model detail for the same	The make and model no. for the same has been given. However, for more detail bidder can visit at SP office after the prior approval of office of the ADGP (TS) At another 24 nos. of SP office available existing equipment – Server- HP ML150 G9
466	3.5.Q	At 16 nos. of SP office available existing equipment - Server-Dell Optiplex-2020	Please provide the specification ,warranty detail for the same	The make and model no. for the same has been given. However, for more detail bidder can visit at SP office after the prior approval of office of the ADGP (TS) At 16 nos. of SP office available existing equipment - Server-Dell Optiplex-2020
467	3.5. hh	RPS – Server and Storage must have redundant power supply from day 1 to avoid power supply failure.	Please clarify the tender required N+N UPS power supply , where the UPS will run parallel to provide redundant power supply or only required power supply from two different power cord.	All power supply should be connected directly.
468	3.6	Control room	Any Controller is required to monitor a multiple video at signal time .	Not relevent to this RFP.
469	BOQ Item no 16	Surge Protection Device	Request you to please provide the minimum Specification of Surge Protective device	Please refer Annexure C Technical Specifications
470	3.6	The bidder is also responsible for necessary electrification of all the devices including all accessories in the control center.	Please clarify who will Provide the main power supply to control room.	At control room, nearest electric points will be available. Bidder is responsible for necessary electrification from this nearest electric point. No extra cost shall be paid for this kind of <u>elecrical works</u>
471	3.6	Internet connectivity	Please clarify how will provide the internet connectivity for this project	The connectivity bid is under process. Per camera, we have considered 2 Mbps
472	-	Additional Clause	Request you to add this clause to increase bid participation.: In case Bidder is a subsidiary, the Bidder is permitted to use the credentials of its ultimate parent, parent or its associate company/s of Indian origin for pre- qualification, technical qualification and any other qualification criteria purpose. In such case, the following additional documents are required to be submitted: For meeting the technical / financial / any other qualification criteria of this Tender document, the bidder should submit a letter of consent duly signed and stamped by the authorized signatory of concerned entity whose credentials it's submitting.	No Change, As per RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
473	4.2. SLAs and Penalty A. Penalty for Delay	1. Delay in Delivery/ Supply of Hardware: 0.5% of Contract value of delayed item per week or part thereof for delay in delivery (Here Contract value of delayed item means value of individual delayed items as per price bid under GeM) ☑ If the successful bidder delays the delivery /supply beyond 60 days for cluster I to III & 45 days for cluster IV from the scheduled date of delivery as per project implementation timeline then the TENDERER may terminate the contract and Forfeit the PBG.	Delay in Delivery/ Supply of Hardware 0.25% of Contract value of delayed item per week or part thereof for delay in delivery (Here Contract value of delayed item means value of individual delayed items as per price bid under GeM) ☑ If the successful bidder delays the delivery /supply beyond 60 days for cluster I to III & 45 days for cluster IV from the scheduled date of delivery as per project implementation timeline then the TENDERER may terminate the contract and Forfeit the PBG.	As per RFP, No change
474	4.3. SLAs and Penalty A. Penalty for Delay	Delay in Installation & commissioning: ◆0.75% of Contract value of delayed item per week or part thereof for delay in Implementation	Delay in Installation & commissioning: ◆0.5% of Contract value of delayed item per week or part thereof for delay in Implementation	As per RFP, No change
475	5.1. Project Implementation Timelines:	2. Delivery of the ordered items as per the work order at central location (bidder's warehouse at Gandhinagar/Ahmedabad) Cluster 1 to 3: T+ 60 days Cluster 4: T+ 45 days	2. Delivery of the ordered items as per the work order at central location (bidder's warehouse at Gandhinagar/Ahmedabad) Cluster 1 to 3: T+ 120 days Cluster 4: T+ 90 days	Please see the changes in the revised bid document
476	5.1. Project Implementation Timelines:	3) i. The successful bidder will complete the Installation & Commissioning of CCTV camera and related accessories as per scope of work ii. The overall Installation and Commissioning of hardware, software and offering for acceptance shall be completed. Go-Live: The project shall be considered Go-Live, when 100% of Police Stations and branch offices get installed, commissioned & accepted by the Tenderer. Cluster 1 to 3: T+ 120 days Cluster 4: T+ 90 days	3) i. The successful bidder will complete the Installation & Commissioning of CCTV camera and related accessories as per scope of work ii. The overall Installation and Commissioning of hardware, software and offering for acceptance shall be completed. Go-Live: The project shall be considered Go-Live, when 100% of Police Stations and branch offices get installed, commissioned & accepted by the Tenderer. Cluster 1 to 3: T+ 200 days Cluster 4: T+ 150 days	Please see the changes in the revised bid document
477	5.2. Payments Terms:	Successful Delivery and Inspection of Hardware/Equipment at the central location/ Bidder's Warehouse at Gandhinagar /Ahmedabad 50% of the Sum total of financial bid of each cluster (without O&M cost)	Successful Delivery and Inspection of Hardware/Equipment at the central location/ Bidder's Warehouse at Gandhinagar /Ahmedabad 70% of the Sum total of financial bid of each cluster (without O&M cost)	Please see the changes in the revised bid document
478	5.2. Payments Terms:	Successful Installation, commissioning 20% of the Sum total of financial bid of each cluster (without O&M cost)	Successful Installation, commissioning 15% of the Sum total of financial bid of each cluster (without O&M cost)	Please see the changes in the revised bid document
479	5.2. Payments Terms:	Final acceptance test (FAT) 20% of the Sum total of financial bid of each cluster (without O&M cost)	Final acceptance test (FAT) 10% of the Sum total of financial bid of each cluster (without O&M cost)	Please see the changes in the revised bid document
480	5.2. Payments Terms:	After Project "GO-LIVE" Satisfactorily Performance 10% of the Sum total of financial bid of each cluster (without O&M cost).	After Project "GO-LIVE" Satisfactorily Performance 5% of the Sum total of financial bid of each cluster (without O&M cost).	Please see the changes in the revised bid document

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
481	3. Eligibility Criteria	OEM India Presence	All the OEM should be present in India directly since 5 years and should have direct registered office. Please add this clause so that we can propose the OEM who are doing business in India since long and also have their own presence.	Please refer the additional clause as:  3. Eligibility Criteria: PQ.7. OEM Presence OEMs of proposed equipment/components (CCTV Camera & VMS) should have their own registered office in India as per the prevalent/ applicable laws of India and be in operation in India for last five ( 5) years as on the bid issuance date. Registered offices by way of Joint ventures, Franchise, agency, distribution partners will not be considered.
482	3.12. Other Requirements	x. All Quoted Cameras and NVR should have CE/ equivalent Indian Standard, FCC/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard Certified and BIS certification required. In case of Make in India Product UL certification is not required	Remove Make in India clause for UL Certificate. Please remove "In case of Make in India Product UL certification is not required" as you have already asked equivalent to UL else the OEM will not provide 62368-1 equivalent certificate which is important for Safety of the product.	Please read the clause as:  All Quoted Cameras and NVR should have FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, IEC/BIS/Equivalent Indian Standards. Note: In case of Make in India Products UL certification is not required. However, MII product should have a certification from a NABL-approved lab/STQC Lab with equivalent IEC standard ( IEC 62368-1) before the date of publishing of the RFP
483	3.12. Other Requirements	Certificates for Server & Storage	Server & Storage should have CE, FCC, UL 62368-1 and BIS certification. Please ask certificates for Server & Storage to avoid low standard products as major OEMs having all these certificates with them.	Please read the clause as :  All Quoted Server & Storage should CE/ equivalent Indian Standard, FCC/ equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard Certified and BIS certification required. Note: In case of Make in India Product UL certification is not required, however, MII product should have a certification from a NABL approved lab with equivalent IEC standard ( IEC 62368-1) before the date of publishing of the RFP
484	Technical Specification of all Cameras	44. Audio: All type of IP camera has inbuilt mic / external mic in the supplied camera from day1. Bidder should ensure that audio recording should be happen along with video on storage device from day 1	44. Audio: All type of IP camera has inbuilt mic and external mic in the supplied camera from day1. Bidder should ensure that audio recording should be happen along with video on storage device from day 1. Please ask both type mic option - Inbuilt & External. External mic bidder can use if required else inbuilt mic will serve the purpose.	Please refer the revised specification in SoW:  d. All types of IP cameras must have inbuilt mic and connectivity option for external mic from day 1. Bidder should ensure that audio recording should happen along with video on storage device from day 1.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
485	Technical Specification of Video Management Software	1. General: The VMS should support any ONVIF compliant IP cameras and should support ONVIF Profile S, G, T.	1. General: The VMS should support any ONVIF compliant IP cameras and should support ONVIF Profile S, G, T & M. Please add ONVIF profile M also in VMS as this is very much required for future integration also will help in analytics alert. Also OFM should be registered on ONVIF for these profiles before bid due date.	Please refer as: 1. General: The VMS should support any ONVIF compliant IP cameras and should support ONVIF Profile S, G, T & M and same should be reflected in www.onvif.org under Conformant Devices list.
486	Technical Specification of Video Management Software	19. Security: The OEM of the proposed VMS should have certificate from CERT-IN empanelled auditors to mitigate cyber security attacks or should provide it before installation of the product at customer premises	19. Security: The OEM of the proposed VMS should have certificate from CERT-IN empanelled Government auditors to mitigate cyber security attacks or should provide it before installation of the product at customer premises. Please restrict the certificate of CERT-in only from Government agency or auditors to avoid any type of vulnerability.	Please refer revised specification as: 19. Security: The OEM of the proposed VMS should have certificate from CERT-IN empaneled Government auditors/ agencies to mitigate cyber security attacks as per OWASP Top 10 Vulnerabilities. And should have CERT-IN certificate before the date publishing of the RFP.
487	Technical Specification of Video Management Software	P2P option in VMS	The VMS Application must Support for P2P Communication Model for Communication of the NVR & the VMS at the SP Offices. Any Additional Hardware & Software required for Achieving the P2P Communication Model has to be Considered as a part of the BID. This feature will help to get the connectivity over the internet itself without the help of static IP as many times static IPs are not available and need to check the live footage of any site than P2P will help to get the same.	The VMS Application must Support for P2P Communication Model for Communication of the NVR & the VMS at the SP Offices. Any Additional Hardware & Software required for Achieving the P2P Communication Model has to be Considered as a part of the BID.
488	Technical Specification of Server	6. Power supply: Support 2 Hot-Swappable Power supply in N+1 Mode or more	6. Power supply: Support 3 Hot-Swappable Power supply in N+1 Mode or more. Please ask minimum 3 power supply in server as normally it is good when server runs on 2+1 power supply to get the best performance and redundancy.	As per RFP, No change
489	Technical Specification of Server	Same OEM for Server and Storage	Server and Storage must be from same OEM for best integration. Please add this clause as this will ease the process and integration between server and storage.	As per RFP, No change
490	Technical Specification of Storage	16. General Features: Should support scheduled Backup and incremental backup for data backup and recovery	16. General Features: Should support scheduled Backup and incremental backup for data backup and recovery. And also support Asynchronous Backup and Cloning of Share & Volume. Replication with asynchronous backup will be very fast and reliable as compared to synchronous backup also cloning of share & volume will provide more data redundancy.	Please read revised specification as: 16. General Features: Should support scheduled Backup, Asynchronous Backup and incremental backup with Cloning of Share & Volume for data backup and recovery
491	Technical Specification of Storage	Battery Flash Backup	The storage system shall come standard with Advanced Battery Flash Backup design. To reduce the power consumption and improve the speed of data transfer, this feature is very useful.	Please refer additional specification as: 16. General Features: The storage system shall come standard with Advanced Battery Flash Backup design and should have Cache to Flash features Built-in.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
492	3. Eligibility Criteria	Additional Clause	<p>The OEM of the IP CCTV Camera, VMS, Server &amp; Storage should have direct registered office in India for minimum 5 years. Registered offices by way of Joint ventures, Franchise, distribution partners will not be considered. Also, Merger or takeover of Joint ventures /new companies less than 3 years will not be considered.</p> <p>Request you to ask minimum 5 Years India presence for all the OEMs as this will ensure their stability in India market and also will get the full support in future as per the tender terms.</p>	<p>Please refer the additional clause as:</p> <p>3. Eligibility Criteria: PQ.7. OEM Presence OEMs of proposed equipment/components (CCTV Camera &amp; VMS) should have their own registered office in India as per the prevalent/ applicable laws of India and be in operation in India for last five ( 5) years as on the bid issuance date. Registered offices by way of Joint ventures, Franchise, agency, distribution partners will not be considered.</p>
493	4. Scope of Work and Terms and Conditions 3.12. Other Requirements	x. All Quoted Cameras and NVR should have CE/ equivalent Indian Standard, FCC/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard Certified and BIS certification required. In case of Make in India Product UL certification is not required	<p>x. All Quoted Cameras and NVR should have CE , FCC , IEC 62368-1 compliant with certificate from UL/TUV/ERTL/equivalent Indian Standard , RoHS &amp; BIS certification required. <del>In case of Make in India Product UL certification is not required</del></p> <p>Request you to remove the suggested line as UL also having labs &amp; offices in India and doing testing of devices in India. Also you have already asked equivalent Indian Standard certificate against UL so Make in India company can produce the same during bid.</p> <p>Also request you to ask FCC, CE, RoHS and BIS compulsory for better and good quality OEM participation.</p>	<p>Please read the clause as:</p> <p>x. All Quoted Cameras and NVR should have CE/ equivalent Indian Standard, FCC/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard Certified and BIS certification required. In case of Make in India Product UL certification is not required, however, MII product should have a certification from a NABL-approved lab/STQC Lab with equivalent IEC standard ( IEC 62368-1) before the date of publishing of the RFP</p>

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
494	Annexure C Technical Specification Bullet camera Dome camera Bullet camera for costal area police station Dome camera for costal area police station	43. Certification: FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, BIS. Note: In case of Make in India Product UL certification is not required.	43. Certification: FCC, CE , IEC 62368-1 compliant with certificate from UL/TUV/ERTL/equivalent Indian Standard , RoHS & BIS. <del>Note: In case of Make in India Product UL certification is not required.</del>  Request you to remove the suggested line as UL also having labs & offices in India and doing testing of devices in India. Also you have already asked equivalent Indian Standard certificate against UL so Make in India company can produce the same during bid. Also request you to ask FCC, CE, RoHS and BIS compulsory for better and good quality OEM participation.	Please read the clause as for Dome & Bullet Cameras:  FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, IEC/BIS/Equivalent Indian Standards. Note: In case of Make in India Products UL certification is not required. However, MII product should have a certification from a NABL-approved lab/STQC Lab with equivalent IEC standard ( IEC 62368-1) before the date of publishing of the RFP  Please read the clause as for Dome & Bullet Cameras for costal area police station:  FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, BIS, NEMA 4X. Note: In case of Make in India Product UL certification is not required, however , MII product should have a certification rom a NABL-approved lab/STQC Lab with equivalent IEC standard ( IEC 62368-1) before the date of publishing of the RFP
495	Annexure C Technical Specification Bullet camera Dome camera Bullet camera for costal area police station Dome camera for costal area police station	17. Number of Alarm Digital Input : 1	17. Number of Alarm Digital Input : 2  Request you to ask minimum 2 Alarm Input ports/interfaces as this is very useful to connect any two external device of different types of alert mechanism like hooter/buzzer/access control etc at Police Stations for security purpose.	No Change, As per RFP.
496	Annexure C Technical Specification Bullet camera Dome camera Bullet camera for costal area police station Dome camera for costal area police station	Additional Clause	Camera Built-in Analytics: Line Crossing, Intrusion Detection, Motion detection, Tampering alarm, Abnormal Video & Audio Detection, IP address conflict, Storage Exception and Loitering  Request you to ask suggested built-in Alanytics which are very helpful to identify the any suspecious acivity pre alert in the Police Station Campus.	No Change, As per RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
497	Annexure C Technical Specification Bullet camera Dome camera Bullet camera for costal area police station Dome camera for costal area police station	44. Audio: All type of IP camera has inbuilt mic / external mic in the supplied camera from day1. Bidder should ensure that audio recording should be happen along with video on storage device from day 1	44. Audio: All type of IP camera has inbuilt mic & provision of external mic in the supplied camera from day1. Bidder should ensure that audio recording should be happen along with video on storage device from day 1  Request you to ask Built-in Mic mandatory in all type of Cameras as external mic can be tampered or disconnected to avoid voice recording. Also Built-in Mic normally comes with Noise Cancellation and has the coverage of 6-7 meters easily.	Please refer the revised specification in SoW:  d. All types of IP cameras must have inbuilt mic and connectivity option for external mic from day 1. Bidder should ensure that audio recording should happen along with video on storage device from day 1.
498	Annexure C Technical Specification *16 CH Network Video Recorder with 12 TB Storage *16 CH Network Video Recorder with 16 TB Storage *32 CH Network Video Recorder with 24 TB Storage *32 CH Network Video Recorder with 32 TB Storage	10. Certification- FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/equivalent Indian Standard, BIS certified at the time of bidding The OEM should have ISO 9001:2008 or latest and ISO 14001:2004 or latest certificate for Manufacturing	10. Certification- FCC , CE , IEC 62368-1 compliant with certificate from UL/TUV/ERTL/equivalent Indian Standard, BIS certified at the time of bidding.  Request you to remove the suggested line as UL also having labs & offices in India and doing testing of devices in India. Also you have already asked equivalent Indian Standard certificate against UL so Make in India company can produce the same during bid.  Also request you to ask FCC, CE, RoHS and BIS compulsory for better and good quality OEM participation.	Please read the clause as:  10. FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, IEC/BIS/Equivalent Indian Standards. The OEM should have ISO 9001:2008 or latest and ISO 14001:2004 or latest certificate for Manufacturing. Note: In case of Make in India Product UL certification is not required, however , MII product should have a certification from a NABL-approved lab/STQC Lab with equivalent IEC standard ( IEC 62368-1) before the date of publishing of the RFP
499	Additional	Additional	In the bid, for the CAT-6 cabling, only 3 components are asked for – CAT-6 UTP Cable, CAT-6 Patch cord – 1 meter and CAT-6 Patch panel – 8 ports. However, to establish fail-proof connectivity, we need to use I/O or Field Termination Plug to secure connectorization. Use of RJ-45 connector is not permissible in the structured cabling and can not guarantee any performance. CAT-6 cabling, when done following all required standards can give 1 gbps of band width. To ensure this, the CAT-6 cable needs to be terminated on I/O at both ends. In the bid, one-end I/O (in the Patch panel) is asked for, while other end I/O & it's Patch cord is missing. We request you to please incorporate user-side I/O in the bid along with suitable length Patch cord. Alternatively, to avoid using multiple items (like I/O, Face plate, Dinrail box & Patch cord), you can specify Field Termination Plug, which gets connected directly on the CAT-6 cable and can ensure 1 gbps of speed, under 25 years site certification application warranty assurance. A data sheet of this device is attached here with.	No Change, As per RFP.
500	Additional	Additional	CCTV with the AI Use cases with the Storage. The Software Platform with the required VMS application integration and API is providing new generation CCTV Application Deployment on the Enterprise-wide on secure networks	No Change, As per RFP.



Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
501	3.3. Replacement of existing CCTV cameras system along with enhanced storage capacity at existing police stations	h. Bidders need to replace existing server with NVR at existing police stations.		Query not understood
502	Annexure C:- Technical Specification. 16 CH Network Video Recorder with 16 TB Storage & 32 CH Network Video Recorder with 24 TB Storage.	16 Channel / 32 Channel Network Video Recorder	Modification / Suggestion : We request you to kindly consider Server grade solution in Police Station instead on NVR. Justification : NVR are more prone to security vulnerabilities and potential to risk of data loss. NVRs are also restrictive to Remote Access, as well as not a future ready scalable solution. You may find existing solution in Gujarat Police - local recording are already running on Servers from long time which is successfully serving the purpose. Other Regions have face above mentioned issues with NVR and they are now opting for Server grade solutions only. Server also comes with provision of easy management from single console and VMS will also able to move the data as and when required as per RFP.	No Change, As per RFP.
503	Annexure C:- Technical Specification. Server. Page 18, Serial No. 1 of Annexure C Processor	Processor : Latest generation Intel/AMD processor(s) with 12 or higher cores Processor speed should be minimum 2.2 GHz	Clarification : Request you to please clarify if single or dual processor is required.	Bidder has to decided as per the proposed solution.
504	Annexure C:- Technical Specification. Server. Page 18, Serial No. 4 of Annexure C Internal Storage	Internal Storage : 128GB or better	Clarification : Request you to please clarify on internal storage required on servers.	Bidder has to decided as per the proposed solution.
505	Annexure C:- Technical Specification. Server. Page 18, Serial No. 6 of Annexure C Power supply	Power supply: Support 2 Hot-Swappable Power supply in N+1 Mode or more	Clarification : Request you to please clarify that the current ask of N+1 means that we need to give maximum 2 power supplies in which 1 power supply failure can be sustained. All standard reputed OEM servers come with maximum of 2 power supplies only.	As per RFP, No change
506	Annexure C:- Technical Specification. Server. Page 18, Serial No. 9 of Annexure C Form Factor & HDD Bay	Form Factor & HDD Bay : 3U/4U, 19" Rack Mounted with 16/24 Hard Disk Bay option	Modification : Maximum 4U, 19" Rack Mounted with 8/24 Hard Disk Bay option Justification : We request department to please amend the clause as maximum 4U space which does not restrict the leading OEM's from proposing a better solution in lower rack space.The current asked Rack U is required for 4 socket servers and not 2 socket.The current ask is OEM specific and restricts participation from other leading OEM's. Request you to also please ammned the Hard Disk Bay to 8/24 as per the current requiremenet and future expansion the asked number of HDD Bays are not required	3U/4U defined for single unit/chassis of complete stack, combination of units/chassis can be higher U size to achieve 1PB & 2PB.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
507	Annexure C:- Technical Specification. Server. Page 18, Serial No. 10 of Annexure C Interfaces	Interfaces : - Video Output: 1x D-sub VGA/DVI/HDMI/Mini Display port - 4x USB2.0/USB3.0 Ports - 1x Serial Port - SAS/NLSAS JBOD expansion Port	Modification : - Video Output: 1x D-sub VGA/DVI/HDMI/Mini Display port - 3 x USB2.0/USB3.0 Ports - 1x Serial Port - SAS/NLSAS JBOD expansion Port Justification : We request department to please amend the clause as maximum 3 4U space which does not restrict the leading OEM's from proposing a better solution in lower rack space. The current ask is OEM specific and restricts participation from other leading OEM's	No Change, As per RFP.
508	Annexure C:- Technical Specification. Storage (for Video's) Page 19, Serial No. 1 of Annexure C Form Factor/Mounting	Form Factor/Mounting : 3U/4U, 19" Rack Mounted	Modification : <del>3U/4U</del> , 19" Rack Mounted Justification : We request department to please remove the asked form factor rack U as its not possible to accomodate the RFP capacity is asked 4U capacity.	3U/4U defined for single unit/chassis of complete stack, combination of units/chassis can be higher U size to achieve 1PB & 2PB.
509	Annexure C:- Technical Specification. Storage (for Video's) Page 19, Serial No. 3 of Annexure C Network Connectivity Per Controller	Network Connectivity Per Controller : Minimum 4x 1GbE + 2x 10GbE SFP+ or higher	Modification : Minimum 2 x 1GbE + 2x 10GbE SFP+ or higher Justification : We request department to please amend the port ask to 2 * 1GbE ports as the current asked number of ports are not required and its OEM specific and restricts participation from other leading OEM's.	No Change, As per RFP.
510	Annexure C:- Technical Specification. Storage (for Video's) Page 19, Serial No. 6 of Annexure C Supported Network Protocols	Supported Network Protocols : SMB/CIFS, NFS/FTP/WebDAV, FC, iSCSI etc.	Modification : SMB/CIFS, NFS/FTP/WebDAV, FC/iSCSI etc. Justification : We request department to please keep FC or iSCSI as an option based as the same would depend on the solution provided by the bidder. Having both the option is not possible.	No Change, As per RFP.
511	Price Bid cluster -1 pg no 46	EMS / NMS Software	EMS/ NMS software line item is given in the cluster -1 BOQ only. We understand that there are no existing EMS/NMS software available and all the cluster network nodes needs to be monitored by the EMS/NMS software asked in the cluster -1. Please clarify	EMS / NMS is to be used at the central location for all clusters.
512	Minimum Specification Network Management Software (NMS) Software . pg no13	Additional clause for Network Management Software (NMS) Software	In order to avoid tempering with SLA calculation, we recommend authority to select solution with in-built database for ensuring better control and flexibility along with lower TCO, we request the authority to incorporate the below clause:  "The monitoring module of proposed solution must not use any third party database (including RDBMS and open source) to store data in order to provide full flexibility and control on collected data as well as avoiding tempering with SLA calculations."	No Change, As per RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
513	Minimum Specification Network Management Software (NMS) Software . pg no13	Additional clause for Network Management Software (NMS) Software	<p>In order to select NMS solution from Make In India company (as per Govt. of India guidelines) along with long term existence and offering proven solution in industry, we would request you to add following clause in the NMS specification.</p> <p>"The proposed NMS solution OEM should be Make in India and must have atleast 3 deployments (in state/central Government/ PSU) in India with 10000 devices being monitored in each of these deployments in last five years. Reference PO copy and completion/ sign-off document need to be submitted at the time of submission."</p>	No Change, As per RFP.
514	Minimum Specification Network Management Software (NMS) Software . pg no13	Additional clause for Network Management Software (NMS) Software	<p>In order to provide complete visibility of IT infrastructure including servers with micro level monitoring (on need basis) through which granular level details can be captured along with flexibility of monitoring through agent and agentless approach. Hence, we request the authority to add the following clause in the NMS specification:</p> <p>"The proposed NMS solution must provide agentless as well as agent based monitoring for server infrastructure. The agents should be able to set polling interval as low as 1 second with low overhead on target server infrastructure."</p>	No Change, As per RFP.
515	5.2. Payments Terms:	Successful Delivery and Inspection of Hardware/Equipment at the central location/ Bidder's Warehouse at Gandhinagar /Ahmedabad:50% of the Sum total of financial bid of each cluster (without O&M cost)	<p>We request you to change the payment terms as :</p> <ol style="list-style-type: none"> <li>1. 80% against Successful Delivery and Inspection</li> <li>2. 10% against Successful Installation, commissioning</li> <li>3. Remaining 5% against Final acceptance test (FAT)</li> </ol> <p>5% After Project "GO-LIVE" Satisfactorily Performance</p> <p>Since this project is mainly of CAPEX, We very humbly request for Industry friendly Payment Terms in order to have maximum tender participation. Therefore please consider and change the payment terms as requested.</p>	Please see the changes in the revised bid document
516	5.2. Payments Terms:	Successful Installation, commissioning:20% of the Sum total of financial bid of each cluster (without O&M cost)	<p>We request you to change the payment terms as :</p> <ol style="list-style-type: none"> <li>1. 80% against Successful Delivery and Inspection</li> <li>2. 10% against Successful Installation, commissioning</li> <li>3. Remaining 5% against Final acceptance test (FAT)</li> </ol> <p>5% After Project "GO-LIVE" Satisfactorily Performance</p> <p>Since this project is mainly of CAPEX, We very humbly request for Industry friendly Payment Terms in order to have maximum tender participation. Therefore please consider and change the payment terms as requested.</p>	Please see the changes in the revised bid document
517	5.2. Payments Terms:	Final acceptance test (FAT):20% of the Sum total of financial bid of each cluster (without O&M cost)	<p>We request you to change the payment terms as :</p> <ol style="list-style-type: none"> <li>1. 80% against Successful Delivery and Inspection</li> <li>2. 10% against Successful Installation, commissioning</li> <li>3. Remaining 5% against Final acceptance test (FAT)</li> </ol> <p>5% After Project "GO-LIVE" Satisfactorily Performance</p> <p>Since this project is mainly of CAPEX, We very humbly request for Industry friendly Payment Terms in order to have maximum tender participation. Therefore please consider and change the payment terms as requested.</p>	Please see the changes in the revised bid document

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
518	5.2. Payments Terms:	After Project "GO-LIVE"Satisfactorily Performance:10% of the Sum total of financial bid of each cluster (without O&M cost).	<p>We request you to change the payment terms as :</p> <ol style="list-style-type: none"> <li>1. 80% against Successful Delivery and Inspection</li> <li>2. 10% against Successful Installation, commissioning</li> <li>3. Remaining 5% against Final acceptance test (FAT)</li> </ol> <p>5% After Project "GO-LIVE"Satisfactorily Performance</p> <p>Since this project is mainly of CAPEX, We very humbly request for Industry friendly Payment Terms in order to have maximum tender participation. Therefore please consider and change the payment terms as requested</p>	Please see the changes in the revised bid document
519	5.2. Payments Terms:	Operational & Maintenance support during the contract period of 5 years (Minimum Opex 30% of Project Value):20 equal Quarterly Installments after the end of each quarter of each cluster.	<p>We request you to change the payment terms as :</p> <ol style="list-style-type: none"> <li>1. 80% against Successful Delivery and Inspection</li> <li>2. 10% against Successful Installation, commissioning</li> <li>3. Remaining 5% against Final acceptance test (FAT)</li> </ol> <p>5% After Project "GO-LIVE"Satisfactorily Performance</p> <p>Since this project is mainly of CAPEX, We very humbly request for Industry friendly Payment Terms in order to have maximum tender participation. Therefore please consider and change the payment terms as requested</p>	Please see the changes in the revised bid document
520	5.1. Project Implementation Timelines:	Delivery of the ordered items as per the work order at central location (bidder's warehouse at Gandhinagar/Ahmedabad) is T+ 60 days for Cluster1-3, T+ 45 days for Cluster 4	<p>since you are aware that due to COVID, there is shortage of raw material and huge gap between demand and supply. Therefore request you to consider our request for changing the timelines. We request you to extend the timeline of *delivery of the ordered items to T + 150 days from the stipulated</p>	Please see the changes in the revised bid document
521	5.1. Project Implementation Timelines:	<p>i. The successful bidder will complete the Installation &amp; Commissioning of CCTV camera and related accessories as per scope of work</p> <p>ii. The overall Installation and Commissioning of hardware, software and offering for acceptance shall be completed.</p> <p>Go-Live: The project shall be considered Go-Live, when 100% of Police Stations and branch offices get installed, commissioned &amp; accepted by the Tenderer. is T+ 120 days for Cluster1-3, T+ 90 days for Cluster 4</p>	<p>since you are aware that due to COVID, there is shortage of raw material and huge gap between demand and supply. Therefore request you to consider our request for changing the timelines. We request you to extend the timeline of *delivery of the ordered items to T + 150 days from the stipulated date of start for all clusters. *overall Installation and Commissioning of hardware, software to T + 210 days from the stipulated date of start for all clusters.</p>	Please see the changes in the revised bid document
522	Annexure-C Technical Specifications Network Management Software(NMS) 19.	Tool should have option to display distance between devices in topology Maps especially for branch gateway devices	<p>We understand that displaying distance between devices over Maps is a functionality of GIS map. Proposed NMS OEM shall facilitate the integration with GIS map to show the distance between connected devices/branch gateways on network topology map. Please confirm whether our understanding is correct.</p>	Yes
523	Annexure-C Technical Specifications Network Management Software(NMS) 20.	It should be a Drag & Drop based Network Diagram builder, Dynamically Upload Images, Customizable objects to support multiple vendors, capability to export maps in an XML format and upload to any other system.	<p>Drag &amp; drop based network diagram builder is outdated &amp; OEM specific feature. Moreover it requires manual intervention to create network topology which is prone to error. Hence, we request you to kindly allow other OEMs participation by amending the clause as mentioned below</p> <p>"It should support real-time network topology layout or Drag &amp; Drop based Network Diagram builder, Dynamically Upload Images, Customizable objects to support multiple vendors, capability to export maps in an XML format "</p>	No Change, As per RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
524	Annexure-C Technical Specifications Network Management Software(NMS) 22.	Tool must provide option to perform standard compliance checks like PCI-DSS, NIST, DISA etc. across all target CLI-based network devices	We understand that standard compliance checks like PCI-DSS, NIST, DISA etc. are not applicable for NMS. Example, PCI-DSS are the security compliance checks for payment gateway. And other mentioned compliance checks like NIST, DISA etc. belongs to SIEM functionality. Hence, giving undue advantage to few specific foreign OEMs who had developed their platform around SIEM and restricting make in India OEMs to participate in the tender. We request you to kindly allow other security parametrs for wider participation from Indian Make-in-India OEM such as role based access control, user authorization etc. In addition to role bsaed access control, user authorization request you to please allow Cert-In. The proposed NMS should have certification for Cyber Security as per OWASP guidelines from Govt. CERT-In empaneled agency in India to ensure that the critical information processed and stored by the proposed application is secure from cyber-attacks / hacking / hijacking.	No Change, As per RFP.
525	Annexure-C Technical Specifications Network Management Software(NMS) 39.	Integration should provide the option in both north as well as south bound integration on each module level. Any fault details should be able to send to third party CRM, Customer Portal, UNMS or even EMS if needed using the Trap, XML and even direct database query integration	As per industry standard 3rd party integration can be made available by using open standard like REST/SOAP/Trap/XML etc. Please confirm whether our understanding is correct.	No Change, As per RFP.
526	Annexure-C Technical Specifications Network Management Software(NMS) 40.	Provide 12+ open APIs in the system which can be used by customers for integrating their own systems. Integration should provide the option in both north as well as south bound integration using multiple options like RestAPI, XML, SOAP, Corba etc. on each module level. Any fault details should be able to send to third party CRM, Customer Portal, UNMS or even EMS if needed using the Trap, XML and even direct database query integration	As per industry standard 3rd party integration can be made available by using open standard like REST/SOAP/Trap/XML etc. Please confirm whether our understanding is correct.	No Change, As per RFP.
527	3. Eligibility Criteria	Request for addition	To ensure the quality OEM participation. We request you to kindly add below-mentioned clause in addition to existing Eligibility criteria as "PQ.7. OEM of NMS software application should have ISO 9001, 14001, 27001 and CMMI Level 3 certification. OEM shall facilitate the validation of CMMI L3 Certificate from CMMI Institute."	No Change, As per RFP.
528	9U Rack Enclosures (Networking/Server Rack)	Size of Server Rack Enclosure, 9U	It is necessary to know the width & depth of the racks . Ideal size for networking will be 600x 600mm depth and 600x 1000mm for server mounting . Customer to specify as whether the racks will be mounted on the wall or will be kept on the table.	Bidder has to supply the wall mount 9U rack & Size should be capable to kept the proposed hardware to be kept in the rack.
529	24 U Rack Enclosures(Networking/Serve r Rack)	Size of Server Rack Enclosure,24U	It is necessary to know the width & depth of the racks . Ideal size for networking will be 600x 600mm depth and 600x 1000mm for server mounting . Customer to specify as whether the racks will be mounted on the wall or will be kept on the table.	Bidder has to supply the 24 U rack with floor standing & Size should be capable to kept the proposed hardware to be kept in the rack.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
530	42 U Cooling Rack with required UPS power	Cooling Rack shall Minimum width of 800 mm depth of 1200mm & 42U usable height.	Ideally 1400mm depth Smart racks will help in proper cable management , PDU management & Thermal management. 1200mm depth will have limited open space.	As per RFP, No change
531	42 U Cooling Rack with required UPS power	Bidder has to consider 5/15Amp Indian Socket Power distribution Unit with 16 Amp MCB, and vertical 32A, Single Phase, C13 Sockets and C19 Sockets PDU with 32A MCB.	All 3 types of sockets combination can be provided customer to define the qty's of each type . Also it is ideal to distribute the load into 2 circuits .	We have asked indicative requirement within rack PDU. However, bidder has to propose PDU as per their propose solutions.
532	42 U Cooling Rack with required UPS power	SI/Bidder has to consider minimum 7KW or higher cooling unit capacity with reference to their IT product which are going to install in the Data Center Rack. In case if there is required additional rack space to address the solution, bidder/SI has to consider additional Data Center Rack with rack coupling kit and address to additional cooling requirement. Built in cooling unit should be rated Inlet Temp of 22 +/- 1 Degree Centigrade considering minimum Ambient Temperature of 45 Degree Centigrade w.r.t peak summer/weather conditions of Gujarat State. Bidder has to consider raw electric power distribution box and electrical cabling for the cooling unit.	Customer to define the location in which the ODU'S will be placed which should be ideally at a distance of 15 to 20 metres. Also it is recommended to specify that 7KW Cooling should not consume more than 6U Space so that User gets more usable U Space	Location wise placement of 42U Cooling rack vary, distance between Indoor unit and Out door unit may vary and goes up to 30 meters so please consider piping distance along with Civil, Electrical and GI cable tray accordingly.  It is preferable vertical mount and lowest foot print of cooling unit to get maximum usable space within the rack.
533	42 U Cooling Rack with required UPS power	Rear Door automatic opening system shall be provided for the emergency or event of cooling failure, unavailability of electricity or overheat above the standard threshold limits. Also acoustic alarm and visual indication should be provided.	Rear door opening in the event of overheat can help hot air to dissipate . However customer to define the location in which smart racks will be deployed and also to confirm if the room has exhaust arrangements or a comfort AC .	As per RFP, No change
534	42 U Cooling Rack with required UPS power	Data Center cooling rack should be supplied with required UPS power backup. The UPS Should be rack mountable minimum 6KVA or higher capacity considering to bear the actual induction load of all the equipment installed under the rack (like server, storage, etc.) for Minimum 1 Hour backup with full load.	Kindly specify Batteries to be kept Internal or External to the Rack	UPS should be rack mounted and Batteries should be placed outside the rack on separate battery rack.
535	42 U Cooling Rack with required UPS power	Bidder has to submit actual Rack space, cooling, UPS power load calculations for each location.	For calculation location wise if the sites are existing it can be visited and a detailed report can be submitted .	No Change, As per RFP.
536	8 port network switch	PoE Budget:120W	Considering the port density i.e. 8 PoE/PoE+ which is 30W per port. The switch should be have 240W PoE power budget. We request to amend the clause as "PoE Budget:120W"	No Change, As per RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
537	Layer 3 Fully Managed Switch	Number of 10G Copper Ports: 12	<p>Our understanding is the mentioned switch shall provide the connectivity to DVR and storage at police stations and considering the deployment architecture having 12x10G along with 12x1G copper ports is over subscribed. Mentioned port density is OEM specific implementation. we request amend the clause to allow domestic OEM to participate .</p> <p>Number of 10G Copper Ports: 4/8</p>	<p>Layer 3 Fully Managed Switch &amp; Central Switch L3</p> <p>Bidder has to supply either 1 No of 48 Port Switch or 2 No of 24 Port Switch which has open SFP+ ports which should have the capability to load any of the following modules according to the bidder solution</p> <p>1 G Copper port 10G Copper Port 10 G SFP+ Port</p> <p>Apart from the above the switch should have 4 Nos. 100G ports for future expansion</p> <p>Bidder has to provide the 48Nos of Module from Day 1 along with Switch as per solution requirement mentioned above.</p>
538	8 port network switch	8 port network switch	<p>Switch should support IP30 rating</p> <p>We understand the switches shall be installed at outdoor location with harsh climatic conditions. As per industry practices such type of switches should have IP30 enclosure rating to avoid dust particle to damage the device. We request and it is recommended to incorporate the suggested clause "Switch should support IP30 rating</p>	<p>All 8 port network switches should support the operating temperature of -5 deg to + 50 deg.</p>
539	8 port network switch	Switch should support lower power consumption Less than 14W on no PoE load	<p>We would like to bring to your notice that the requirement is very critical as it has a direct implication on project cost. Low power consumption of any active element is a key factor in optimization of opex. Latest and enhanced hardware are available today with lower power consumption. Even in recent project of similar size and scale wherein the power consumption limit was 14W to optimize the Opex. In view of above, it is recommended to incorporate the suggested clause "Switch should support lower power consumption Less than 14W on no PoE load"</p>	<p>No Change, As per RFP.</p>
540	8 port network switch	Switch should support continuous/Persistent PoE feature.	<p>Surveillance is a mission critical application whereby continuous monitoring through CCTV is a mandatory requirement. It is envisaged to monitor every thing without missing even a single event. Continuous PoE feature allows the switch to deliver power to the connected camera even in the event of switch reboot thereby ensuring non interrupted video surveillance. Hence in view of the criticality of the application, it is recommended to incorporate the suggested clause "Switch should support continuous/Persistent PoE feature"</p>	<p>Please note that the Switch should support continuous/Persistent PoE feature. And should support Static routing, Time-based PoE &amp; should detect ONVIF Cameras and create Auto Surveillance VLAN.</p>

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
541	MIII	Class-1 MII OEM	Kindly allow MII Class-1 Purchase Preference like: RFP No: GIL/Home Dept./VISWAS Phase-II/2022) for proposal (RFP) for Selection of Implementing Agency (Cluster wise) for Supply, Installation, Commissioning and Operations & Maintenance of State Wide Surveillance and ITMS project across the State of Gujarat under VISWAS Project Phase-II Gem bid Number: GEM/2022/B/2667802, Dated: 21-10-2022	In the tender already few exemptions have been provided for Make in India products other clausus remain unchanged
542	Annexure C Technical Specification Storage 1PB & 2PB	Additional Clause All Quoted Storage should have CE/ equivalent Indian Standard, FCC/equivalent Indian Standard, IEC 62368-1/ equivalent Indian Standard and BIS	Please make the Certificate mandatory for the Storage to ensure the quality of the products. As it's a critical component on this bid.  As per Gol BIS is mandatory for the Storage.	Please read the clause as :  All Quoted Server & Storage should CE/ equivalent Indian Standard, FCC/ equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard Certified and BIS certification required. Note: In case of Make in India Product UL certification is not required, however, MII product should have a certification from a NABL-approved lab/STQC Lab with equivalent IEC standard ( IEC 62368-1) before the date of publishing of the RFP
543	Page 09 3. Eligibility Criteria PQ.4.	OEM of the offered product (CCTV camera) should have the minimum average annual financial turnover of Rs. 200 crore during the last three years (2018- 19, 2019-20 and 2020-21).	"Certificate from the CA highlighting turnover along with the copies of audited Balance sheet for last three financial years. " Request to relax OEM Annual financial turnover to 50 Cr from last 3 financial years into records from 2019-20, 2020-2021 & 2021-2022. As per latest Make in India Guidelines No. P - 45021/2/2017/-PP(BE-II) Dated 04th June 2020 Clause no 10 A can't make restrictive or discriminatory restriction for domestic supplier & ease to participate with relaxation in eligibility criteria in terms of annual turnover. Also It will help Make in India Start up OEM's with their direct manufacturing capacity & proven track record to participate with their technically complied products.  OR OEM should have supplied minimum 20,000 camera's as on bid submission from last 3 financial years starting from FY 2019 Year to Till date. Documentary evidence needs to be submitted	No Change, As per RFP.
544	PQ.4	OEM of the offered product (CCTV camera) should have the minimum average annual financial turnover of Rs. 200 crore during the last three years (2018- 19, 2019-20 and 2020-21).	OEM of the offered product (CCTV camera) should have the minimum average annual financial turnover of Rs. 100 crore during the last three years (2018- 19, 2019-20 and 2020-21).	No Change, As per RFP.
545	Annexure-6, Technical Specification, 16 CH Network Video Recorder with 12TB Storage & 16TB Storage	1. HDDs. should support RAID6	RAID5 and RAID10 covered all the requirement with cost effective solution. Hence remove RAID6.	No Change, As per RFP.



Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
546	Annexure-6, Technical Specification, 16 CH Network Video Recorder with 12 TB Storage & 16TB Storage	7. Should support 16 in & 4 out Alarm interfaces and 2 serial interfaces (RS232/RS485)	There is no much practical use of this ports. Can an external I/O device be connected, if required? and	No Change, As per RFP.
547	Annexure-6, Technical Specification, 16 CH Network Video Recorder with 12 TB Storage & 16TB Storage	10. Certification - UL 62368-1/equivalent Indian Standard	UL is followed in countries other than India. As per govt of india notification any clause incorporated by the Buyer such as Foreign Certification shall be null and void and would not be ask in bid. Only BIS is the mandatory certification in India.	Please read the clause as:  10. Certification- FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, BIS certified at the time of bidding. The OEM should have ISO 9001:2008 or latest and ISO 14001:2004 or latest certificate for Manufacturing. Note: In case of Make in India Product UL certification is not required, however , MII product should have a certification from a NABL-approved lab/STQC Lab with equivalent IEC standard ( IEC 62368-1) before the date of publishing of the RFP
548	Annexure-6, Technical Specification, 32 CH Network Video Recorder with 24TB Storage & 32TB Storage	6. VGA, e-SATA	eSATA is outdated technology. Hence remove this. VGA is an outdated technology. VGA is an analog interface and HDMI is a digital one. VGA is a video interface and HDMI includes both audio and video. HDMI also suffice the need of local viewing. Hence remove VGA.	No Change, As per RFP.
549	Annexure -3.3 h. Bidders need to replace existing server with NVR at existing police stations.	Existing server repalce with NVR	For NVR - Linux based embedded system and have some limitation like adding more camera , storage expand . In Server : key future : Redundant Power supply , Hot swappable HDD and in future increase recording retention period that time sever more feasible . Camera recording purpose sever are better option rather then NVR .Hence remove NVR.	No Change, As per RFP.
550	Dome camera for costal area police station	Required Anti Corrosion camera for costal area police station	Corrosion proof camera generally installing for outside location for costal aerea so, Requesting change and "Dome/Bullet" camera Required Anti Corrosion camera for costal area police station	No Change, As per RFP.
551	16Ch NVR 12TB	16 Channels or better NVR with supports up to 8 SATA hard drives each support up to 10TB, should be loaded with 12 TB Capacity of HDDs. Should support RAID 0/1/5/6/10. Shouls have the option to increase 25% extra cameras in same NVR without adding any additional hardware.	RAID 6 will not be possible for 12 TB of usable storage. RAID 6 will increase unnecessary cost adding a parity disk, which is of no use. It is requested to remove RAID 6 configuration.	No Change, As per RFP.
552	16Ch NVR 16TB	16 Channels or better NVR with supports up to 8 SATA hard drives each support up to 10TB, should be loaded with 16 TB Capacity of HDDs. Should support RAID 0/1/5/6/10. Shouls have the option to increase 25% extra cameras in same NVR without adding any additional hardware.	RAID 6 will not be possible for 16 TB of usable storage. RAID 6 will increase unnecessary cost adding a parity disk, which is of no use. It is requested to remove RAID 6 configuration.	No Change, As per RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
553	32Ch NVR 24TB	32 Channels or better NVR with supports up to 8 SATA hard drives each support up to 10TB, should be loaded with 24 TB Capacity of HDDs. Should support RAID 0/1/5/6/10. Should have the option to increase 25% extra cameras in same NVR without adding any additional hardware	RAID 6 will not be possible for 24 TB of usable storage. RAID 6 will increase unnecessary cost adding a parity disk, which is of no use. It is requested to remove RAID 6 configuration.	No Change, As per RFP.
554	32Ch NVR 32TB	32 Channels or better NVR with supports up to 8 SATA hard drives each support up to 10TB, should be loaded with 32 TB capacity of HDDs. Should support RAID 0/1/5/6/10. Should have the option to increase 25% extra cameras in the same NVR without adding any additional hardware.	RAID 6 will not be possible for 32 TB of usable storage. RAID 6 will increase unnecessary cost adding a parity disk, which is of no use. It is requested to remove RAID 6 configuration.	No Change, As per RFP.
555	POC	During POC the bidder would be assigned any one police station (cluster wise/or as define by the office) where the existing CCTV camera setup has been installed earlier in year 2015. The bidder will demonstrate & functioning of proposed hardware like CCTV camera (with Additional 4 nos. of cameras), NVR, storage having 18 month storage capacity and related accessories) & show case the overall functioning of the assigned police station. Below mentioned points should be presented during demonstration	Need to understand that how 18 month data can be possible to generate during PoC.	No Change, As per RFP.
556			We would like to inform you that we are the distributors of Skylark Labs (www.skylarklabs.ai) which are a reputable solution provider for AI based Video analytics Solution. While going through the tender we found that you have asked for various Video Analytics use cases on Page no. 17 Clause mm. which we can provide. However, the specs of the server are quite lower to run multiple analytics as per bid requirement. We request you to kindly allow us a time slot for a solution presentation to discuss in more detail and suggest optimal hardware sizing.	All analytics asked in the RFP are Edge analytics in the camera itself

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
557	3. Eligibility Criteria	OEM of the offered product (CCTV camera) should have the minimum average annual financial turnover of Rs. 200 crore during the last three years (2018- 19, 2019-20 and 2020-21).	<p>Justification: Asking Min average annual financial turnover of 200 Cr during the last three years are asked in the RFP Document, but it is a restrictive criteria for Domestic manufacturers, and As per DPIIT Order: No: P-45021/2/2017-PP (BE-II) , Dated: 16/09/2022, Subject: Public Procurement (Preference to Make in India), Order 2017-Revision Regarding. Please Refer Page No: 6, Point No: 10 (B), Specifications in tenders and other procurement solicitations, which says Procuring entities shall endeavour to see that eligibility conditions, including on matters like turnover, production capacity and financial strength do not result in unreasonable exclusion of 'Class-I Local Supplier'/ 'Class-II Local Suppliers who would otherwise be eligible, beyond what is essential for ensuring quality or credit worthiness of the suppliers.</p> <p>Amendment: Indian CCTV OEM should have a minimum cumulative turnover of INR 150 Crores in last 3 financial years ending March 2022. (i.e. current year and two previous financial years) and for foreign CCTV OEM should have a minimum cumulative turnover of INR 500 Crores in last 3 financial years ending march 2022 the date of opening of tender.</p>	No Change, As per RFP.
558	Dome camera for costal area police station and Bullet camera for costal area police station	Certification: FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, BIS, NEMA 4X. Note: In case of Make in India Product UL certification is not required.	<p>Justification: IP 67 is equivalent certification to NEMA 4 X , IP 67 is Indian Certification and NEMA 4x is a foreign certification. So both the certificate are used to protect form dust and water therefore we request you to accept IP67/NEMA 4X</p> <p>Amendment: Certification: FCC, CE, BIS, IP 67/NEMA 4X</p>	Please read the clause as:  FCC/ equivalent Indian Standard, CE/equivalent Indian Standard, UL 62368-1/ equivalent Indian Standard, BIS, NEMA 4X. Note: In case of Make in India Product UL certification is not required, however , MII product should have a certification from a NABL-approved lab/STQC Lab with equivalent IEC standard ( IEC 62368-1) before the date of publishing of the RFP
559	Dome camera for costal area police station	IR illumination Range(mtr): 50	<p>Justification: Dome camera with 2.8 - 12 mm lens has IR Illumination range of 30 meters, as mentioned in the other type of Dome Camera as per the RFP document, so we are assuming that it is a typographical error and also it is a restrictive criteria for Domestic manufacturers. So request you to consider Dome Camera with 2.8 - 12 mm lens, IR Illumination range of 30 meters and IP67 protection with extra corrosion proof coating.</p> <p>Amendment: IR illumination Range(mtr): 30</p>	No Change, As per RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
560	1) 16 CH Network Video Recorder with 12 TB Storage 2) 16 CH Network Video Recorder with 16 TB Storage 3) 32 CH Network Video Recorder with 24 TB Storage 4) 32 CH Network Video Recorder with 32 TB Storage	Should support 16 in & 4 out Alarm interfaces and 2 serial interfaces (RS232/RS485)	<p>Justification: Alarm i/o: 16 i/p and 8 o/p and 2 serial interfaces (RS232/RS485) is not present with most CCTV OEMs, does not seem to have a functional requirement too as per tender BOQ as the functional requirement is full filled by 4 in and 4 out ports also and 1 serial interfaces (RS232 or RS485).</p> <p>Amendment requested: Alarm i/o: 4 i/p and 4 o/p and 1 serial interfaces (RS232/RS485)</p>	No Change, As per RFP.
561	Eligibility Conditions	Request to add	<p>Justification: To ensure only experience Bidder/OEM can participate in this type of precious projects.</p> <p>Request to add: OEM/Bidder Past Performance: IP CCTV Camera OEM {themselves or through re-seller(s)}/ Bidder should have supplied same or similar Category Products in similar type of department (Like Police , Safe Cities) i.e. 5000 IP CCTV Camera quantity single order, in at least one of the last three Financial years before the bid opening date to any Central / State Govt. Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year.</p>	No Change, As per RFP.
562	Eligibility Conditions	Request to add	<p>Justification: To ensure the company has made serious investment in India and has capabilities to deliver such critical projects.</p> <p>Request to add: CCTV OEM should be active company and should have direct presence in India from last ten years (not as joint venture, partnership firms or through any other association) &amp; manufacturing in India since last Five years (not as joint venture, partnership firms or through any other association) (3rd Party Manufacturing not allowed) and Foreign CCTV OEM should have manufacturing unit globally from last 10 Years at the time of bidding. Documentary evidence should be submitted</p>	No Change, As per RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
563	Eligibility Conditions	Request to add	<p>Justification: As per the Office Memorandum issued by DPIIT Dated: 8th Feb 2021, for Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs) 2017, any Company/Bidder/OEM from a country that shares the land border with India will be eligible to bid in any procurement whether of goods, services or works only if the Company/Bidder/OEM is registered with the Competent Authority, So request you to add this clause in the tender document to restrict participation from such companies who shares land border with India , as they are security threats for National Security.</p> <p>Request to add: Bidder shall ensure compliance to the Office Memorandum for insertion of Rule 144 (xi) in the General Finance Rules (GFR)-2017 bearing reference number F.No. 6/18/2019-PPD dated 23 July 2020 or latest, by the Public Procurement Division, Department of Expenditure, Ministry of Finance. Non- compliant bid(s) will be summarily rejected. The OEM should not have any common directors who are also on the board of companies having beneficiaries from land border countries.</p>	No Change, As per RFP.
564	Technical Specification	Request to add	<p>Justification: H.264/H.265 Video Compression are Patent technologies to ensure that CCTV OEMs provide license based products as required for government projects.</p> <p>Request to add: The camera OEM Should be a genuine manufacturer and should be an official valid H.265 HEVC Certificate and should be listed on HEVC website at the time of submitting bid. They should be paying the licensed fee for using the genuine HVEC Compression legally. The same will be verified at the time of bidding.</p>	The camera OEM Should be a genuine manufacturer and should be an official valid H.265 HEVC licensee and should be listed on HEVC website at the time of submitting bid.
565	Eligibility Conditions	Request to add	<p>Justification: As per the Gazette of India and Ministry of Communication, for Security and Surveillance Communication Systems (video and sensors based) including Perimeter Security System from 2019-20 onwards India has capacity to manufacture CCTV in India and 100% purchase preference will be given to Indian Manufacturers only so request you to add this in the eligibility criteria that only Class – 1 Suppliers are eligible to participate in this tender.</p> <p>Request to add: Bid should be compliant to the Policy and Make in India makes shall be given preference as per Order 2017-Revision vide the Department of Industrial Policy and Promotion (DIPP) Order No. P-45021/2/2017-PP(BE-II) dated 16th September,2020 or latest. OEMs under make in India must submit Undertaking and supporting documents.</p>	No Change, As per RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
566	OEM /Bidder Experience	OEM / Bidder Past Performance: Required 1000 IP Cameras Experience last three financial years before the bid opening date to any Central / State Govt. Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year.	We are installing 34000 cameras with BEL in Delhi Phase -2 Project (PWD), please consider ongoing project for this criteria.	No Change, As per RFP.
567	OEM /Bidder Experience	Consortium / Joint Venture	Request you to please allow consortium for minimum 2 members for the bid participating.	No Change, As per RFP.
568	Network Management Software (NMS)	Additional Clause	The solution should be scalable to monitor & manage more than 5000 plus devices and minimum 3 reference case studies should be provided.	No Change, As per RFP.
569	Network Management Software (NMS)	Additional Clause	The organization should have ISO 27001 & ISO 9001 certification for their internal processes and certificate must be provided	No Change, As per RFP.
570	Network Management Software (NMS)	Additional Clause	The tool should have an integrated ITSM module which must be certified by PinkVerify for ITIL v3 on at least 11 ITIL processes and certificate must be provided on request. it should be possible to use the service management features like Incident Logging, Viewing, Assignment, Escalation, Reporting, SLA Management etc. in the Service Manager tool GUI. The integration should be bi-directional in nature.	The tool should have an integrated ITSM module which must be certified by PinkVerify for ITIL v3 on at least 05 ITIL processes and certificate must be provided on request. it should be possible to use the service management features like Incident Logging, Viewing, Assignment, Escalation, Reporting, SLA Management etc. in the Service Manager tool GUI. The integration should be bi-directional in nature.
571	Network Management Software (NMS)	Additional Clause	The tool should also have an bi-directional integrated Network Configuration and Change Management tool with option to use NCCM features in future easily by enabling the license for it without having to do any additional installations. The integration should allow assets and topology to sync from the NMS module to the NCCM features for helping in Root-Cause-Analysis of faults	The NMS should have Bi- Directional integrated NCCM tool and should have possibility to use the feature in future without any additional installation
572	Storage 1PB/2PB	Form Factor/Mounting	2U	3U/4U defined for single unit/chassis of complete stack/main unit, combination of units/chassis can be higher U size to achieve 1PB & 2PB will be allowed.
573	Storage 1PB/2PB	Minimum 4x IGbE + 2x 10GbE SFP+ or higher	1x1GbE & 2x10GbE, 8x16GB FC Port	No Change, As per RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
574	Storage 1PB/2PB	SMB/CIFS, NFS/FTP/WebDAV, FC, iSCSI etc.	Every OEM has different approach in designing a solution. IBM does not recommend running NAS and SAN protocol through the same pair of controllers as it may cause a performance bottleneck for critical workloads. Therefore request you to keep file workloads on separate storage and remove the file access requirement from this clause. IBM has a software-defined approach for addressing File access requirements requiring solution deployment using additional x-86 nodes and capacity-based software licenses. if you have a file requirement part of this solution, the request is to help us with usable capacity for files this will help us configure required licenses	No Change, As per RFP.
575	Storage 1PB/2PB	Supports mix of SAS and SATA drives in the same enclosure	Our storage support Intermixing of NL-SAS, SAS,HDD in the expansion enclosure	No Change, As per RFP.
576	Storage 1PB/2PB	128 GB per Controller and upgradable to 256 GB per controller	Video files doesn't require higher cache, as these are sequentil files. Therefore we request you to allow us bidding with 64GB cache	Please read as: Cache/Memory - 64 GB per device and upgradable to 128 GB per device.
577	Storage 1PB/2PB	Should support Write Once Read Many (WORM) feature	This is applicable for tape systems, so request you to modify this point	No Change, As per RFP.
578	Storage 1PB/2PB	Should support for Cloud Backup	We offer this feature with additional software (SV4PC)	No Change, As per RFP.
579	Storage 1PB/2PB	Should support scheduled Backup and incremental backup for data backup and recovery	We offer this feature with additional software	No Change, As per RFP.
580	1 Important Information, EMD (b), Page no 4	EMD as mentioned above, shall be submitted in the form of Demand Draft OR RTGS OR in the form of an unconditional Bank Guarantee (which should be valid up to validity of 9 months from the date of bid submission) of any Nationalized Bank (operating in India having branch at Ahmedabad/ Gandhinagar) in the name of "Gujarat Informatics Ltd." payable at Gandhinagar (as per prescribed format given at Annexure C) and must be submitted along with the covering letter.	EMD validity is usually same as the bid validity in all the tenders. Therefore, request to please change the EMD validity to same as bid validity of 180 days and modify the clause as "EMD as mentioned above, shall be submitted in the form of Demand Draft OR RTGS OR in the form of an unconditional Bank Guarantee (which should be valid up to validity of <del>9 months</del> 180 days from the date of bid submission) of any Nationalized Bank (operating in India having branch at Ahmedabad/ Gandhinagar) in the name of "Gujarat Informatics Ltd." payable at Gandhinagar (as per prescribed format given at Annexure C) and must be submitted along with the covering letter."	No Change, As per RFP.
581	3 Eligibility Criteria, PQ3 Financial Strength, Page no. 8	In case the bidder want to participate in one cluster, then bidder should have the minimum average annual financial turnover of Rs. 40 crore during the last three financial years (2018- 19, 2019-20 and 2020-21).	Request you to please consider the last three financial years i.e. 2019-20, 2020-21, 2021-22 and modify the whole clause as "In case the bidder want to participate in one cluster, then bidder should have the minimum average annual financial turnover of Rs. 40 crore during the last three financial years ( <del>2018-19, 2019-20 and 2020-21</del> ) 2019-20, 2020-21, 2021-22."	Please read the clause as : Turnover during the last three financial years (2018- 19, 2019-20 and 2020-21). Or Turnover during the last three financial years (2019- 20, 2020-21 and 2021-22).

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
582	3 Eligibility Criteria, PQ4 Financial Strength, Page no. 8	OEM of the offered product (CCTV camera) should have the minimum average annual financial turnover of Rs. 200 crore during the last three years (2018- 19, 2019-20 and 2020-21).	Request you to please consider the last three financial years i.e. 2019-20, 2020-21, 2021-22 and modify the whole clause as "OEM of the offered product (CCTV camera) should have the minimum average annual financial turnover of Rs. 200 crore during the last three years (2018-19, 2019-20 and 2020-21) 2019-20, 2020-21, 2021-22."	Please read the clause as :  Turnover during the last three financial years (2018- 19, 2019-20 and 2020-21).  Or  Turnover during the last three financial years (2019- 20, 2020-21 and 2021-22).
583	3.5. General Requirements for IP Video Surveillance (h), Page no.15	All hardware should be heavy durable, industrial grade products equipped for long life and high performance.	All hardware are indoor equipment's which does not require industrial grade product and will have a huge financial impact on the bidder. Therefore, request you to please modify the clause.	Bidder has to quote the product as per the technical specification mentioned in the RFP.
584	4.2 SLAs and Penalty, A Penalty for Delay (2), Page No. 34	0.75% of Contract value of delayed item per week or part thereof for delay in Implementation	The penalty for Delay in Delivery/Supply of Hardware is 0.5% whereas the penalty for delay in installation & Commissioning is 0.75%. Request you to please maintain the same penalty for installation also and modify the clause as "0.75% 0.5% of Contract value of delayed item per week or part thereof for delay in Implementation"	No Change, As per RFP.
585	4.2 SLAs and Penalty, B Operational Penalties, Page No. 35	Note: Maximum Penalty cap for operational penalty is 10% of overall contract value for the ordered item.	With reference to operational penalties, the maximum cap on the Opex Value of the contract to limit the financial exposure of the bidder. Therefore, request to modify the clause as "Note: Maximum Penalty cap for operational penalty is 10% of overall contract value Opex value of the overall contract value for the ordered item."	No Change, As per RFP.
586	5.2 Payment Terms, (1)	Activity: After Project "GO-LIVE" Satisfactorily Performance  Payment: 10% of the Sum total of financial bid of each cluster (without O&M cost).	Our understanding is that once the milestone of After project "Go-Live" is achieved, the bidder is eligible to raise the invoice to claim the payment for this milestone. Request you to please confirm if our understanding is correct.	No Change, As per RFP.
587	32/61	5. Service Level Agreement (SLA) and Penalties 1. Network Backbone 3. Latency 4. Packet Loss 5. Planned Network Outage 6. Unplanned Network Outage 7. TimeLine for Retrieval of video feeds from the Storage 10. Incidence Resolution (Network)	Tenderer/Department will provide the required bandwidth & Connectivity hence request you to kindly remove this network connectivity related SLA clauses.	No Change, As per RFP.



Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
588	20/61	Minimum indicative specifications of NMS, configuration of the servers have been mentioned in the specifications sheet. However, Bidders are advised to carry out detailed assessment of the requirements to perform Cameras, Servers, NVR, Storage and network health and performance management. Any additional tools / manpower requirement for the same during the contract period shall have to be managed by the successful bidder of cluster-1 at no additional cost to the tenderer.	Request you to please revise these clause as: Minimum indicative specifications of NMS, configuration of the servers have been mentioned in the specifications sheet. However, Bidders are advised to carry out detailed assessment of the requirements to perform Cameras, Servers, NVR, Storage and network health and performance management. Any additional tools / manpower requirement for the same during the contract period shall have to be managed by the successful bidder of respective cluster at no	No Change, As per RFP.
589	5/61	b. The tenderer requires 5 years warranty for each item (excluding UPS batteries). Bidders shall quote the price for each item considering 5 years warranty support.	Kindly confirm that who will be responsible for UPS batteries.	Read the Clause as - b. The tenderer requires 5 years warranty for each item (Including UPS batteries). Bidders shall quote the price for each item considering 5 years warranty support.
590	26/61	d. The successful bidder must carry out proper electrical earthing (as per IS-3043) at all the Police station where cameras to be installed. The cost for the earthing will be borne by the bidder.	Our understanding that earthing is already in place of existing police station. Bidder has to carry out earthing at new police station and offices only Existing earthing can be used or we need to factor new for existing police stations. <del>Kindly confirm if our understanding is right.</del>	No Change, As per RFP.
591	30/61	3.13. Proof of Concept (PoC) (Cluster wise):During the demonstration the storage should consist the recorded video footage of 18 months	For, 18 months video recording required huge storage sizing hence it is not possible to demonstrate the recorded video footage of 18 months. <del>Kindly remove this clause.</del>	No Change, As per RFP.
592	44/61	Note: The Bidder may quote only one option (i.e. one Make and Model can be quoted) against each item cluster wise. Bidders are required to mention Make and Model of the product (Do not write "OEM" against items). Bidders are expected to give make and model of the product).	Kindly confirm whether bidder may propose different Make & Model of the product for each Cluster.	Read the clause as - Note: The Bidder may quote only one option (i.e. one Make and Model can be quoted) against each item by one bidder whether bidder is participating in 1 cluster or in all 4 cluster. Bidders are required to mention Make and Model of the product (Do not write "OEM" against items). Bidders are expected to give make and model of the product).

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
593	10 of 20	8 port network switch : Number of 10G Copper Ports - Any value.	10G port is not required as per RFP requirements hence request you to please remove this clause.	<p>Layer 3 Fully Managed Switch &amp; Central Switch L3</p> <p>Bidder has to supply either 1 No of 48 Port Switch or 2 No of 24 Port Switch which has open SFP+ ports which should have the capability to load any of the following modules according to the bidder solution</p> <p>1 G Copper port 10G Copper Port 10 G SFP+ Port</p> <p>Apart from the above the switch should have 4 Nos. 100G ports for future expansion</p> <p>Bidder has to provide the 48Nos of Module from Day 1 along with Switch as per solution requirement mentioned above.</p>
594		General	Our understanding is that the bidder needs to follow the General terms & Conditions of GEM portal as there is no separate legal Terms & Conditions defined in the RFP. Therefore, we need to follow the GEM portal Terms & Conditions. Request you to please confirm if our understanding is correct.	No Change, As per RFP.
595		Clause 16 & 17	The Dispute Resolution clause and the laws governing contract clause 16 and 17 of the G T& C mentions the seat of arbitration and jurisdiction to be that of the principal place of business of the Buyer. Kindly clarify the principal place of business	No Change, As per RFP.
596		Clause 19	High Importance It is requested to make this clause mutual and give the Seller also termination rights in the event of breach of Agreement by the Buyer or in the event of insolvency , bankruptcy etc. of the Buyer	No Change, As per RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
597		Clause 23.2	<p>High Importance</p> <p>This is a very high risk for the bidder as the indemnification obligations have not been limited to direct claims only and to claims that are solely attributable to the Seller. Kindly revise the clause as suggested below: "The Seller shall at all time indemnify Buyer against all direct suits and direct claims which may be made in respect of the goods/services due to reasons solely attributable to the Seller for infringement of any right protected by patent, registration of designs or trade mark. Provided always that in the event of any claim and suit in respect of alleged breach of patent, registered designs or trade-mark being made against the Buyer, the Buyer shall notify the Seller/ Service Provider of the same who shall at its own expense either settle any such dispute or conduct and litigation that may arise there from.</p> <p>Buyers and Sellers agree to indemnify, defend and hold harmless GeM, its officials, Managed Service Provider (herein after individually and collectively referred to as "indemnified parties") from and against any and all direct losses, direct liabilities, direct claims, direct suits, direct proceedings, direct penalties, direct interests, direct damages, direct demands, direct costs and expenses (including legal and other statutory fees and disbursements in connection therewith and interest chargeable thereon) asserted against or incurred by the indemnified parties due to reasons solely attributable to such</p>	No Change, As per RFP.
598			<p>High Importance The clause needs to be included in order to protect the confidential information of the parties. Parties hereby agree that all materials and information marked and identified by any Party disclosing such information as 'Confidential' are valuable assets of the disclosing party to the receiving party and are to be considered the disclosing party's proprietary information and property. Receiving Party shall treat all confidential materials and information provided by the receiving party with the highest degree of care necessary to ensure that unauthorized disclosure does not occur. Parties will not use or disclose any materials or information provided by disclosing party without its prior written permission.</p>	No Change, As per RFP.

Sr. No.	Page No. / Section No. / Clause No.	Tender Description	Query / Clarification / Suggestions from the Vendors	Reply/ Response
599			High Importance We recommend adding a clause of Site Access to ensure clarity of the obligations of the TENDERER "In the event the bid is awarded to the successful bidder, the TENDERER shall provide the successful Bidder with immediate access to the site and the necessary ground level infrastructure such as space, electricity, and network connectivity for the successful Bidder's equipment deployment and to enable the Bidder to carry out the project without any delay whatsoever."	No Change, As per RFP.
600		Clause 5	High Importance The Clause 5 mentions a list of documents to be a party of the contract. However, we have only been provided with the General Terms and Conditions and the Bid Document. Kindly provide all documents for review of the same	No Change, As per RFP.
601		<p>Clause in the format .</p> <p>Whereas -----(here in after called "the Bidder") has submitted its bid dated -----in response to the Tender no: XXXXXXXXX for _____KNOW ALL MEN by these presents that WE ----- having our registered office at ----- (hereinafter called "the Bank") are bound unto the _____, Gujarat Informatics Limited in the sum of ----- for which payment well and truly to be made to Gujarat Informatics Limited , the Bank binds itself, its successors and assigns by these presents. with the Common Seal of the said Bank this -----day of ----- -----2021.</p>	<p>We hereby request Honorable Tender Committee for following below clauses to be modified :</p> <p>Whereas -----(here in after called "the Bidder/SELLER") has submitted its bid dated 6th Dec 2022 in response to the Tender no: XXXXXXXXX for _____KNOW ALL MEN by these presents that WE ----- having our registered office at ----- (hereinafter called "the Bank") are bound upto the 15-Sept -2023 Gujarat Informatics Limited in the sum of ----- for which payment well and truly to be made to Gujarat Informatics Limited , the Bank binds itself, its successors and assigns by these presents.</p>	Please read as Bidder/SELLER