

T.E. No.

REPLY TO PREBID QUERRIES FOR DESIGN, SUPPLY, INSTALLATION & COMMISSIONING OF IP CCTV SYSTEM, AT BRBNMPL, SALBONI.

S. No	Section No	Page No	Point No	Content of RFP requiring Clarification(s)	Points of clarification	BBB Comment	Rised by
1	Section IX: Qualification / Eligibility Criteria	109 of 201	Point 1: Note	Note: "Similar works means jobs related to Design, Supply and successful installation of IP CCTV System with SAN storage (minimum 900TB), IP cameras (Minimum 160 cameras) and having installed minimum 7 KMs fiber optic cable (FOC) laying and termination for both indoor and outdoor applications"	Request you to please remove with SAN Storage ( minimum 900 TB ) as not most of the System integrators will not have similar kind of execution.	Similar works means atleast one single contract / Work for security/Banking establishment involving Design, Supply and successful installation and integration of IP CCTV camera with L2 and L3 switches, recording Servers and Centralised Storage of IP CCTV system in SAN (Storage Area Network) and also have CAMC of such system.	M/S NISP M/S TATA ASL M/A.BTPL M/A.SDPL
2	Section IX: Qualification / Eligibility Criteria	109 of 201	Point 1	One similar completed work costing not less than the amount of value of 80% of estimated value i.e. Equal to Rs.1208.00 lakhs.	Does this mean 1208 lakhs with SITC, AMC and Taxes all inclusive i.e the complete Project Purchase Order.	As per Tender - CAMC not included	M/S NISP
3	List of Approved makes	97 of 201	Point 9	Important point: For all BOQ/design required items, the bidders are advised to consider and submit the quote for any one make & model only from the above list of approved makes which are robust, reliable and equivalent in all respects to meet our requirement for operation of system on 24/7 basis.	Do we have to Quote from the list of approved makes or Equivalent makes are acceptable	As per Tender: The equivalent Product/ OEM should comply all parameters specified <b>one make and model for one item</b> to be quoted.	M/S NISP M/A.Honeywell
4	a. IP Based Outdoor Varifocal IR Bullet Cameras	73 of 201	Point 4	4) Wide Dynamic Range : True WDR min 140 dB	Request you to change the same to : True WDR min 120 dB	Wide Dynamic Range / True WDR min 120 dB	M/S NISP M/S JUPITER COMPUTERS M/A.SDPL M/A.SEPL
5	a. IP Based Outdoor Varifocal IR Bullet Cameras	73 of 201	Point 15 e	e) ONVIF Network Interface Specifications : ONVIF Profile S , G and Q Compliant or equivalent.	Request you to change the same to : ONVIF Profile S , G , T Compliant or equivalent.	ONVIF Network Interface Specifications / ONVIF Profile S , G and T Compliant or equivalent.	M/S NISP M/A.JUPITER M/A.SDPL M/A.SEPL
6	a. IP Based Outdoor Varifocal IR Bullet Cameras	73 of 201	Point 17 b	b) Humidity : 0 to 95% RH non-condensing	Request you to change the same to : 5% to 95%, RH condensing	Humidity : 5% to 95% RH non-condensing	M/S NISP
7	b. IP Based IR Indoor HD Bullet Cameras	75 of 201	Point 17 b	b) Humidity : 0 to 80% RH non-condensing	Request you to change the same to : 5% to 95%, RH condensing	Humidity : 5% to 95% RH non-condensing	M/S NISP
8	c. IP Network Megapixel PTZ Full HD Camera for Indoor/Outdoor application	76 of 201	Point 15	IR Illumination: Built-in IR LEDs with Min. 200 m illumination	Request you to change the same to : Built-in IR LEDs with Min. 150 m illumination	As per Tender	M/S NISP
9	c. IP Network Megapixel PTZ Full HD Camera for Indoor/Outdoor application	77 of 201	Point 29	Alarm Input/ Output: 7 Inputs, 1 Output	Request you to change the same to : 2 Inputs, 1 Output	Alarm Input/ Output: min. 3 Inputs, 1 Output	M/S NISP
10	B.Video Management System , Server & Storage	78 of 201	point a	Video Management Software: Bidder can use or upgrade the existing VMS or Bidder can provide his own VMS in place of existing one. The details are given below;	Please Share the Version of the existing software and Make	As per Tender - The bidder is free to visit site and design the system to fulfill tender requirements	M/S NISP
11	B.COMPLIANCE STATEMENT – COMMERCIAL	107 of 201	Point 4	Performance Security Clause as mentioned in tender (ref. Clause No.6 of GCC) 10% of the total order value during Warranty and CAMC with additional two months claim period	As per the Latest Government guidelines request to change the PBG to 3 % of the total order value during Warranty and CAMC with additional two months claim period	As per Tender	M/S NISP
12	Section XI: Price Schedule	113 of 201	Point 1 to 35	Quantity specified in the BOM	We have to quote as per the BOM Quantity or we can design the solution as per the Requirement	As per Tender - Only IP CCTV Camera (521). Hybrid SAN Storage is fixed, Other BOQ may change as per bidders architecture. Bidder has to design and quote IP CCTV system to ensure functionality as per the requirement in Section VII.	M/S NISP

Prabhat Kumar (AGM)  
18.10.2024

S. A. RAHIM (DOM)

S. S. KUTIE (AGM)

S. M. PAWAT (DOM)

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13	General				what is the redundancy required in the database servers and recording servers N: 1 or N: N	Redundancy required in Database servers and Recording Servers is N:1	M/S NISP
14	Video Analytics Server	125 of 201	Point 1	(Configuration equivalent to VMS server) and Software with three years warranty including perpetual licenses of all software's. 1) For 100 cameras- 2) For 150 cameras	what are the Various type of analytics required ? What is meant by 1) for 100 Cameras and 2) for 150 Cameras Is Redundancy required for analytics server if yes then N:1 or N:N	Video analytics features such as Tripwire, Liotering, Left object, camera tempering. Price for 100 nos. and 150 nos. to be quoted <b>Redundancy for video analytic server Not required</b>	M/S NISP
15		Page No- 58		1.PREAMBLE:The task would be executed by understanding the Company's existing CCTV system for implementing the new solution by the System Integrator/OEM/integrator including Design, Supply, Installation & commissioning on a turnkey basis, training of Company's officials, handing over etc.	We understand that this is BOQ based job and designing will be not in our scope. Any changes in BOQ quantity will be as per item rate basis.	As per Tender - It is a Turnkey project. BOQ of IP CCTV Camera (521), Hybrid SAN Storage is fixed, Other items BOQ specified is minimum and may change as per bidders architecture. Bidder has to design and quote accordingly to ensure fulfillment of functionality of IP CCTV system as per the requirement in Section VII.	M/S HAIL
16		Page No- 58		BRBNMPL may extend the scope to cover shifting of existing 116 IP cameras (includes Face Recognition cameras 2 nos and Video Analytics Cameras 57 including other existing PTZ and Fixed, outdoor and indoor cameras) and ANPR (without recording) cameras of Six (06) numbers into new IP CCTV system with applicable software and hardware licenses.	1. Since 116 existing IP camera need to be integrated in the future hence please confirm all cameras are Onvif Profile-S compliant. 2. Also please let us know the bifurcation of different algorithms per camera for 57 no's of video analytics camera.	As per Tender- Existing IP cameras are ONVIF compliant.	M/S HAIL
17		Page No- 68		d) The NVMS should be provided with Failover Directory software to avoid the single point of failure. Recording and client PC should not have the complete dependency on the directory for running operation. <b>In the event of failure of directory as well as failover directory at least limited functions of recording and display should be continued.</b> The NVMS should also be provided with Failover Recording feature.	Kindly request you to please amend the clause like - "In the event of failure of directory as well as failover directory at least limited functions of recording will continue for at least 6 hours.	As Per Tender- BRBNMPL Clarifies that at any given point recording or viewing of complete system should not fail. IP CCTV system shall be designed accordingly to be robust and with sufficient redundancy and failover configurations	M/S HAIL
18		Page No- 68		d) All storage redundancy and mirroring capabilities shall be done using hardware solution and shall not rely on the Operating System and Server CPU to perform these functions. The Storage should support IP based replication in future. The bidder should provide details for the offered configuration: Drive type, Drive speed, Drive size, RAID group used to configure usable capacity (Data + parity + spares) along with total disks supported by the storage and balance disk space.	We understand the storage redundancy and mirroring capabilities mentioned for the SAN storage refers to the RAID level applicable for the total HDD requirement.	As Per Tender	M/S HAIL
19		Page No- 69		4 COMPREHENSIVE CAMC 4) The successful bidder shall provide all software updates, releases, Version upgrades, New Versions and renewal of licenses etc. within 30 days of their availability at no additional cost to the BRBNMPL.	Kindly request that the deployment timeline should be within 60 days.	4) The successful bidder shall provide all software updates, releases, Version upgrades, New Versions and renewal of licenses etc. within 60 days of their availability at no additional cost to the BRBNMPL.	M/S HAIL
20		Page No- 70		5 NATIONAL / INTERNATIONAL STANDARDS FOR MATERIAL All materials supplied shall be of applicable national / international standards of FCC, UL, CE, BIS, IEC, EN, ROHS	Kindly clarify which all materials under the CCTV package need to comply with the mentioned standard as all materials don't have mentioned certifications.	5 NATIONAL / INTERNATIONAL STANDARDS FOR MATERIAL All materials supplied shall be of applicable national / international standards of FCC/UL/ CE/ BIS/ IEC/ EN/ ROHS	M/S HAIL
21		Page No- 73		A. IP cameras a. IP Based Outdoor Varifocal IR Bullet Cameras 4. Wide Dynamic Range-True WDR min 140 dB 6.Focus-Automatic Back Focus 15.C. Alarm Event-Events / alerts send via FTP, HTTP, email, Pre-Post alarm video buffering etc.,	1. Camera with 120 dB WDR is sufficient for low light as well as wide dynamic range condition. Camera with 140dB WDR are specific to very few OEMs and will restrict competitive bidding scenario.Hence request you to please accept 120dB WDR supported camera. 2. ABE is used in Box camera where external lens is used to set the focus remotely, whereas in Bullet and Dome as the offered Lens are MFZ to achieve the same functionality with more accuracy and clarity.Hence please accept camera with MFZ lens. 3. FTP is generally considered to be an insecure protocol because it relies on clear-text usernames and passwords for authentication and does not use encryption. Data sent via FTP is vulnerable to sniffing, spoofing, and brute force attacks, among other basic attack methods. As per cyber security standards FTP is blocked.	A. IP cameras a. IP Based Outdoor Varifocal IR Bullet Cameras 4. Wide Dynamic Range-True WDR min 120 dB 6.Focus-Auto Focus 15.C. Alarm Event-Events / alerts send via SSH, HTTP, email, Pre-Post alarm video buffering etc.,	M/S HAIL
22		Page No- 74		b. IP Based IR Indoor HD Bullet Cameras 4. Wide Dynamic Range-True WDR min 140 dB 6.Focus-Automatic Back Focus 15.C. Alarm Event-Events / alerts send via FTP, HTTP, email, Pre-Post alarm video buffering etc.,			M/S HAIL

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S. M. PAUL (BGM)

S. S. KATE (ACM)

S. A. RAHMAN (DGM)


B. V. SAMPANSAH (AGM)


BRAHAT KUMAR (AGM)



S. No	Section No	Page No	Point No	Content of RFP requiring Clarification(s)	Points of clarification	BRB Comment	Rised by
23		Page No- 76		<p>c. IP Network Megapixel PTZ Full HD Camera for Indoor/Outdoor application</p> <p>4. Lens: 4.5 to 129 mm Varifocal lens or better</p> <p>5. Angle of view-Minimum range 2.4 - 60 (H), 1.8 - 36 (V)</p> <p>10. Wide Dynamic Range--True WDR; Min 140 dB</p> <p>15. IR IlluminationBuilt-in IR LEDs with Min. 200 m illumination</p> <p>23. ONVIF Network Interface Specifications-ONVIF Profile S, G, Q and T Compliant</p> <p>28. Event Notification-Record in SD Card/ FTP, Relay Output, Snapshot</p> <p>29. Alarm Input/ Output 7 Inputs, 1 Output</p>	<p>1. Every OEM has some minor variation in Lens parameters so request you to accept/define a range for lens i.e Wide 4.5 to 5mm &amp; Tele 129 to 150 mm and Angle of view as per Lens parameters</p> <p>2. Camera with 120 dB WDR is sufficient for low light as well as wide dynamic range condition. Camera with 140dB WDR are specific to very few OEMs and will restrict competitive bidding scenario. Hence request you to please accept 120dB WDR supported camera.</p> <p>3. Request you to accept 150 meter IR illumination which is sufficient for 4.5 to 5mm &amp; Tele 129 to 150 mm lens.</p> <p>4. As per the specifications, bullet cameras have been asked with Onvif profile S,G,Q or equivalent. Please note that ONVIF Profile T is in initial stage and is not available with all the OEMs and moreover this does not impact the basic CCTV requirements. So request you to keep ONVIF profile requirement of PTZ similar to bullet camera.</p> <p>5. FTP is generally considered to be an insecure protocol because it relies on clear-text usernames and passwords for authentication and does not use encryption. Data sent via FTP is vulnerable to sniffing, spoofing, and brute force attacks, among other basic attack methods. As per cyber security standards FTP is blocked</p> <p>6. Kindly requesting you to accept camera with 2 input and 1 output which is a sufficient quantity for interacting with relevant I/O devices/signals.</p>	<p>c. IP Network Megapixel PTZ Full HD Camera for Indoor/Outdoor application</p> <p>4. Lens: 4.5 to 129 mm Varifocal lens or better</p> <p>5. Angle of view-Minimum range 2.4 - 60 (H), 1.8 - 36 (V)</p> <p>10. Wide Dynamic Range--True WDR; Min 120 dB</p> <p>15. IR IlluminationBuilt-in IR LEDs with Min. 200 m illumination</p> <p>23. ONVIF Network Interface Specifications-ONVIF Profile S, G and T Compliant</p> <p>28. Event Notification-Record in SD Card/ SSH/HTTP, Relay Output, Snapshot etc</p> <p>29. Alarm Input/ Output 3 Inputs, 1 Output</p>	M/s. HAIL M/s. SEPL M/s. SDPL
24		Page No- 78		<p>a. Video Management Software:</p> <p>2. Distributed Architecture and Openness: The VMS shall support seamless integration with other security and safety equipment / systems like Fire Alarm System, Access Control system, Perimeter Protection System etc.</p> <p>5. Fault Tolerant Architecture and Redundancy</p> <p>The VMS shall support Primary and Backup Recording Servers allowing N:1 to N:N Redundancy.</p>	<p>Please clarify whether referred seamless integration means a software level integration or it is referring to hardware integration.</p> <p>Also let us know what protocol will be used for software integration if applicable.</p> <p>The VMS which we are going to propose here has provision to configure N:1 to N:N Redundancy. However, please clarify what is the exact requirement as N:1 and N:N redundancy has different no. of server requirement.</p>	BRBNNMPL Clarifies it is Software Level integration. Bidder shall provide the SDK for integration to develop the system in future based on the inputs from Vault Door Alarms, Fire Alarms, the cameras in that zone or Area should flash the display on a dedicated Monitor.	M/s. HAIL
25		Page No- 79		<p>7. Operational Features of VMS</p> <p>The timeline will also have zooming and scrubbing feature for easy analysis of recorded videos.</p> <p>14. Digital Zoom and Video Recording on live video client: Digital Zoom and Video Recording on live video client-</p> <p>The VMS shall support the ability to digitally zoom into an area of the image as well as provide the ability to enhance the image viewed by adjusting the levels of brightness, contrast, noise levels and sharpness through camera Web page from live video.</p> <p>VMS client should support Hardware Acceleration feature by using the GPU for video decoding to bring down the CPU utilization and support more number of cameras on any given workstation.</p> <p>Client software should be able to overlay the following information on every video panel:</p> <ol style="list-style-type: none"> <li>1. FPS</li> <li>2. Codec info</li> <li>3. Resolution</li> <li>4. Multi-cast status</li> <li>5. Hardware Acceleration Status</li> <li>6. Lost Frames</li> <li>7. Motion Detected</li> <li>8. Camera nomenclature (Camera name, Location etc.)</li> </ol>	<p>The VMS which we intend to propose supports Digital zooming feature on a tile in the workspace. Kindly request you go ahead accordingly.</p> <p>In general, VMS supports useful information like Date, Time, Camera Name which are available on live video. Other information can be checked from configuration page. Kindly requesting to go ahead accordingly.</p>	<p>As per Tender -</p> <p>BRBNNMPL clarifies that the Bidder shall provide N:1 for VMS servers, Storage in servers and SAN storage with minimum raid 6 configuration. The Power(SMPS) redundancy in servers and switches shall be N:N. The cable (OFC) shall have redundancy of N:N at the LU termination and ready to plug and play. The switch racks also shall have Redundancy power source for Switches and servers accommodated in the rack. The Bidder has to provide minimum above redundancy but free to design better than the above redundancy.</p>	M/s. HAIL
26		Page No- 80		<p>7. Operational Features of VMS</p> <p>The timeline will also have zooming and scrubbing feature for easy analysis of recorded videos.</p>	<p>The VMS which we intend to propose supports Digital zooming feature on a tile in the workspace. Kindly request you go ahead accordingly.</p>	As per Tender	M/s. HAIL
27		Page No- 82		<p>14. Digital Zoom and Video Recording on live video client: Digital Zoom and Video Recording on live video client-</p> <p>The VMS shall support the ability to digitally zoom into an area of the image as well as provide the ability to enhance the image viewed by adjusting the levels of brightness, contrast, noise levels and sharpness through camera Web page from live video.</p> <p>VMS client should support Hardware Acceleration feature by using the GPU for video decoding to bring down the CPU utilization and support more number of cameras on any given workstation.</p> <p>Client software should be able to overlay the following information on every video panel:</p> <ol style="list-style-type: none"> <li>a) FPS</li> <li>b) Codec info</li> <li>c) Resolution</li> <li>d) Hardware Acceleration Status</li> <li>e) Motion Detected</li> <li>f) Camera nomenclature (Camera name, Location etc.)</li> <li>g) Time and Date</li> </ol>	<p>Client software should be able to overlay the following information on every video panel:</p> <ol style="list-style-type: none"> <li>a) FPS</li> <li>b) Codec info</li> <li>c) Resolution</li> <li>d) Hardware Acceleration Status</li> <li>e) Motion Detected</li> <li>f) Camera nomenclature (Camera name, Location etc.)</li> <li>g) Time and Date</li> </ol>	<p>Client software should be able to overlay the following information on every video panel:</p> <ol style="list-style-type: none"> <li>a) FPS</li> <li>b) Codec info</li> <li>c) Resolution</li> <li>d) Hardware Acceleration Status</li> <li>e) Motion Detected</li> <li>f) Camera nomenclature (Camera name, Location etc.)</li> <li>g) Time and Date</li> </ol>	M/s. HAIL

18.10.2023  
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28		Page No- 83		17. Report Management System The VMS shall have an integrated Alarms, Alarm Management and Reporting module which can create any desired reports at any incidence.	Reports based on incidents are available but reports are as per predefined formats. Kindly clarify what type of reports are required here?	As Per Tender	M/s. HAIL
29		Page No- 83		Built-in map function in the client viewer shall Provide an intuitive overview of the system and shall offer integrated access to all system components. VMS should support GIS Map, CAD offline Maps (Google Maps, Bing and Open street Maps). Map function shall be able to use standard graphical file formats including jpg, gif, png, tif etc. It shall be possible to use any number of layered maps, and it shall be possible to easily drag-and-drop and point-and-click definition of cameras.	This features (GIS Map, CAD offline Maps (Google Maps, Bing and Open street Maps) is specific to single OEM. However BP and jpg image map can be supported. Kindly need confirmation to go ahead with BP and JPG format support.	As Per Tender	M/s. HAIL
30		Page No- 84		19 System Monitor & Configuration Report The system monitoring feature shall make it possible to view system information and create reports on: 1. Management servers (show CPU and memory usage) 2. Recording server (show CPU and memory usage and usage data for disks, storage, networks and cameras) 3. Failover servers (show CPU and memory usage) 4. Additional servers (show CPU and memory usage on log servers, events servers, and so on. 5. Cameras (such as camera status, if the individual camera is recording, the recording server the camera is connected to and more) The VMS solution shall support a functionality to generate a PDF that shall document all parts of the system configuration, including preview of Video..	This reports are specific to single OEM. Hence kindly request you to curtail this requirement as it will prohibit major OEM participation. Also request to accept report in excel format.	As Per Tender	M/s. HAIL
31		Page No- 99		The BOQ enumerated below is indicative but not exhaustive. The Bidder is requested to submit the detailed and exhaustive BOQ along with the design proposed for complete set up of IP CCTV System to meet the requirement	Do we need to submit exhaustive BOQ as a part of the techno commercial unpriced bid or same need to be submitted post ordering. Please confirm.	As per Tender - BOQ of IP CCTV Camera (521), Hybrid SAN Storage is fixed, Other items BOQ specified is minimum and may change as per bidders architecture. Bidder has to design and quote accordingly to ensure fulfillment of functionality of IP CCTV system as per the requirement in Section VII.	M/s. HAIL
32		Page No- 88		b.L2 Network Switch: Commercial grade-Resiliency The Min Virtual chassis bandwidth between the switches shall be min of 40 Gbps and should support the redundancy across the geographically diversified locations (min 800 Mtrs), also Vendors should offer required cables/modules from day 1	As per our understanding this category of switch may be deployed in a ring fashion and not in Virtual chassis deployment like in Active-Standby fashion. Hence request you to please remove the clause "The Min Virtual chassis bandwidth between the switches shall be min of 40 Gbps" to allow wider participation from all the OEMs	The stacking bandwidth of the switches shall be min of 40 Gbps and should support the redundancy across the geographically diversified locations (min 800 Mtrs), also Vendors should offer required cables/modules from day 1	M/s. HAIL
33		Page No- 88		b.L2 Network Switch: Commercial grade-L3 Features Switch should be scalable full layer 3 functionality like RIP, OSPFv3, RIPvng, BGP, PIM and other Layer 3 Multicasting features without changing the base	This being a L2 switch BGP will never be enabled. Kindly requesting to modify this clause and remove BGP to allow wider participation from all the OEMs	As Per Tender	M/s. HAIL
34		Page No- 89		Certification: EN55022 class A, FCC class A, VCCI class A, EN55024, UL, cUL, TUV, RoHS Compliant and Energy Efficient Ethernet compliant (EEE)	We would like to bring to your notice that few certification like VCCI (Japanese) are of foreign origin and are relevant to specific countries with no relevance to Indian continent. Kindly confirm equivalent certification from Indian regulatory bodies like TSEC is admissible against the foreign certifications as per PPP-MII policy provisions.	Certification: EN55022 class A, FCC class A, VCCI class A/equivalent, EN55024/ UL/ cUL/ TUV/ RoHS Compliant and Energy Efficient Ethernet compliant (EEE)	M/s. HAIL
35		Page No- 90		L2 Switch : Outdoor-Industrial Grade (8 port) 11. Management SNMPv1, v2c and v3, Web GUI, CLI, USB or equivalent memory card, IEEE1588v2 PTP, NTP	We would like to bring to your notice that it is not recommended to have USB support in access/ field devices as it makes the network prone to unauthorized access making it vulnerable. Also, PTP, NTP, IEEE1588v2 necessarily serve the same function. We request to amend the clause as "We have SNMPv1, v2c and v3, Web GUI, CLI/ USB or equivalent memory card, IEEE1588v2 PTP/NTP. Kindly confirm.	As Per Tender	M/s. HAIL
36		Page No- 91		L2 Switch : Outdoor-Industrial Grade (8 port)-Certifications Shock EN60068-2-27, EN60068-2-31, Vibration EN60068-2-6, NEMA TS2, EMC: EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8, EN61000-4-11	Please modify/Accept EN60068-2-31 & EN60068-2-32 certified product also to allow wider participation from all the OEMs	As Per Tender	M/s. HAIL



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37		Page No- 91		L2 Switch : Outdoor-Industrial Grade (8 port)-Certifications UL/IEC/EN 60950-1, ROHS Compliance, Min. IP65 Enclosure Rating, DIN Rail Mounting	Industrial grade switches are normally IP30 rated. We understand the enclosure which is to be provided to house the network switches should be IP65 and not the switch. Kindly confirm our understanding is correct.	As Per Tender. Enclosure shall be IP 65	M/s. HAIL
38		Page No- 89		L2 Switch : Outdoor-Industrial Grade (8 port) Port Density: Rugged outdoor Din Rail mountable switch with Min 8*10/100/1000 Base-T port of POE + and 4* 10 GB Fibre slots with suitable AC PSU; dual power inputs. 4 nos 10 GB SM modules should be loaded.	Across all industries, the standard industrial grade 8 port switch used in the surveillance networks utilize 1G ports for uplink. Also, as per the switching capacity and throughput requested as per 3.8 C.c.5 are 24Gbps and 17Mbps which refers to 1G uplink ports. We request to amend the clause as "8*10/100/1000 Base-T port of POE + and 4* 1GB". Kindly confirm.	Port Density: Rugged outdoor Din Rail mountable switch with Min 8*10/100/1000 Base-T port of POE + and 2* 1 GB Fibre slots with suitable AC PSU; dual power inputs. 2 nos 1 GB SM modules should be loaded.	M/s. HAIL
39		Page No- 90		L2 Switch : Outdoor-Industrial Grade (8 port) PoE Features: POE + Standards should be in accordance with IEEE 802.3af and IEEE 802.3at standards with 30W PoE+ & 60W HPOE support with PoE budget of 240W	Dedicated power will be considered for all the PTZ cameras, request to remove 60Watt power budget. Except PTZ camera all type of camera operated on 30watt. Hence request you to please modify/accept as following- "PoE Features: POE + Standards should be in accordance with IEEE 802.3af and IEEE 802.3at standards with 30W PoE+ with PoE budget of 240W"	As Per Tender	M/s. HAIL
40		Page No- 91		L2 Switch : Outdoor-Industrial Grade (4 port) Port Density & Hardware Requirement: Rugged outdoor Din Rail mountable switch with Min 4*10/100/1000 Base-T port of POE + and 2* 10 GB Fibre slots with suitable AC PSU; dual power inputs. 2 nos 10GB SM modules should be loaded.	Request to accept 2x1G uplink as total uplink bandwidth will be maximum (4*3-12) 12-16 mbps Hence request you to please modify/accept as following- Port Density & Hardware Requirement: Rugged outdoor Din Rail mountable switch with Min 4*10/100/1000 Base-T port of POE + and 2* 1G Fibre slots with suitable AC PSU; dual power inputs. 2 nos 1G SM modules should be loaded.	Port Density & Hardware Requirement: Rugged outdoor Din Rail mountable switch with Min 4*10/100/1000 Base-T port of POE + and 2* 1 GB Fibre slots with suitable AC PSU; dual power inputs. 2 nos 1GB SM modules should be loaded.	M/s. HAIL
41		Page No- 91		L2 Switch : Outdoor-Industrial Grade (4 port) PoE Features: POE + Standards should be in accordance with IEEE 802.3af and IEEE 802.3at standards with 30W PoE+ & 60W HPOE support with PoE budget of 240W	Dedicated power will be considered for all the PTZ cameras, request to remove 60Watt power budget. Except PTZ cameras, all type of camera operated on 30watt. For 4 port switch power budget should be 120watt. Hence request you to please modify/accept as following- PoE Features: POE + Standards should be in accordance with IEEE 802.3af and IEEE 802.3at standards with 30W PoE+ support with PoE budget of 120W	As per tender	M/s. HAIL
42		Page No- 91		L2 Switch : Outdoor-Industrial Grade (4 port) Performance & System Capacity: The switch should have min. 24 Gbps of switching capacity & min. 17 Mpps of forwarding rate. Switch should support 16K MAC addresses	With reference to surveillance and access network applications, 2K MAC table size is optimal for usage. In line to same, we request to amend the clause as "Switch should support 2K MAC addresses". Kindly confirm.	Switch shall support 8K MAC addresses	M/s. HAIL
43				3.8 C.a.1--Spare ports available at existing L3 switches shall be used to interface new L2 switches, recording servers and configured. The proposed usage of existing items should not disturb the existing IP based CCTV system video viewing and recording. However, the bidder if uses existing items, it will be treated at par with supplied item and he should provide warranty for 3 years and comprehensive AMC for 5 years. The used items/components of existing system will be included in BOQ of SLA schedule.	We understand the interconnectivity with existing L3 switches would be on IEEE and ITU-T standard protocols as we are not sure if incumbent non-local OEM is running or have configured any proprietary protocols. Kindly confirm that our understanding is correct that interfacing with existing L3 switches shall happen on all IEEE/ ITU-T/ IETF standards.	As Per Tender- The bidder is free to visit site and design the system to fulfil tender requirements	M/s. HAIL
44		Page No- 91		L2 Switch : Outdoor-Industrial Grade (4 port) L2 & L3 Features: IEEE 802.3ac, IEEE 802.3az, IEEE 802.1v, IEEE 802.1Q, IEEE 802.1s, IEEE 802.1w, IEEE 802.1D, RIP, RIPng, REP/ ITU-T G.8032 or equivalent open standard.	This is a Layer 2 Switch and does not supports any Layer 3 protocols. Hence request you to please modify/accept as following- L2 & L3 Features: IEEE 802.3ac, IEEE 802.3az, IEEE 802.1v, IEEE 802.1Q, IEEE 802.1s, IEEE 802.1w, IEEE 802.1D, REP/ ITU-T G.8032 or equivalent open standard.	As per Tender	M/s. HAIL
45		Page No- 92		L2 Switch : Outdoor-Industrial Grade (4 port) Multicasting: Support IGMP snooping v1, v2 and v3, MLD snooping (v1 and v2), PIM for IPv4 & IPv6, PIM for video multicast	PIM is a Layer 3 protocol. Hence request you to please modify/accept as following- Multicasting: Support (GMP snooping v1, v2 and v3, MLD snooping (v1 and v2)	As per Tender	M/s. HAIL

Prabhat Kumar (AGM)  
18.10.2021

B. V. SYAMPRASAD (AGM)

S. A. RAHIMI (DGM)

S. S. KULJE (AGM)

S. M. BANERJEE (DGM)

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S. No	Section No	Page No	Point No	Content of RFP requiring Clarification(s)	Points of clarification	BRB Comment	Rised by
55		Page No- 86		VMS Validation on the Storage System The Proposed Storage System should be tested and validated jointly by the VMS Application OEM & Storage OEM. The Validation white paper for the same to be submitted as a part for the Storage System Compliance documentation.	Request to remove this OEM specific clause to allow wider participation from all the OEMs. As per the industry norms VMS should be able to work with all the storage OEMs in order to remove any component dependencies in the future. And any such clauses restricting the storage should be removed.	The System integrator has to test and validate the Bandwidth mentioned for VMS application compatibility with the storage as per the total requirement of the project for 750 cameras.	M/s. HAIL
56		Page No- 86		9. Storage Software Licenses All the standard Storage Software Licenses like Unified Storage Management software for File, Block & VOLS, Snapshots, Remote Replication, Performance Optimization, Thin provisioning, QOS, Proactive Remote Support to be included.	Request to please confirm whether we need to quote SAN or unified storage solutions? If SAN storage is require then kindly remove QOS protocol.	As per Tender	M/s. HAIL
57		Page No- 87		Server Operating System Support Windows Server 2008, Windows Server 2008 R2+, Windows Server 2012, Windows Server 2016 R2, Windows Server 2019 and latest release, Microsoft Hyper-V, Novell Suse Enterprise, Oracle, RedHat Enterprise, & x86 VMware* vSphere	Request to remove EOSL Operating Systems like Windows 2008 and Windows Server 2008 since these OS are not supported by their OEMs as well.	Windows Server 2012, Windows Server 2016 R2, Windows Server 2019 and latest release, Microsoft Hyper-V, Novell Suse Enterprise, Oracle, RedHat Enterprise, & x86 VMware* vSphere	M/s. HAIL
58		Page No- 87		IDC/Gartner/HIS Top 5 listed The Storage System OEM should be listed in the Top5 of IDC/Gartner/HIS latest Report.	Gartner rates the OEM with respect to position in the Magic Quadrant and not the position within the quadrant. Also all the OEMs in the leader's quadrant are well capable of delivering High end enterprise storage as per the requirement of the RFP. Hence requesting to kindly allow all the OEMs within the leaders quadrant of Gartner MQ.	As Per Tender	M/s. HAIL
59		Page No- 87		Storage Validation Test report Storage OEM should have a test & validation document supporting the bandwidth mentioned with the VMS application supplied by the bidder	Request to remove this OEM specific clause to allow wider participation from all the OEMs. As per the industry norms VMS should be able to work with all the storage OEMs in order to remove any component dependencies in the future. And any such clauses restricting the storage should be removed.	The System integrator has to test and validate the Bandwidth mentioned for VMS application compatibility with the storage as per the total requirement of the project for 750 cameras.	M/s. HAIL
60		Page No- 8		The offered items to be supplied must be latest (not older than 02 years from the date of first launch as on date of supply) and should have warranty period of three years from OEM from the date of FAC and shall not fall in end of sale during warranty/ defect liability period.	This clause favours a particular OEM. Request to remove this OEM specific clause to allow wider participation from all the OEMs. If the proposed storage model is supported for the required duration (7 Years as mentioned in RFP), then any restrictive clauses with respect to "Date of Launch" and "End of Sale" etc. must be removed for the wider participation from all the OEMs.	As Per Tender	M/s. HAIL
61		Page No- 70		Support letter for 9 years of support with equivalent or update models with compatibility, Spares and Service Support. Supplier shall attend periodical and breakdown maintenance of the system during the warranty period without any additional cost. Also, the bidder shall ensure spare support for minimum of Ten years from the FAC date	Most of the DC Infrastructure products including storages have support life of 5 to 6 years. Hence support for 9 to 10 years is not possible for most of the storage OEMs (or may be favouring only a particular OEM). Request to please remove this clause for better participation from all the OEMs.	As per tender- b) Spares and Service Support: Supplier shall attend periodical and breakdown maintenance of the system during the warranty period without any additional cost. Also, the bidder shall ensure spare support for minimum of Ten years from the FAC date. Non availability of spares/standby units/components will not be accepted as a reason for waiving of penalty towards delay in rendering prompt service	M/s. HAIL
62		Page No- 95		b. EQUIPMENT RACK – 12U for L2 Switch (Wall Mounted) 1. Frame structure: Deep Powder coated Steel Frame Rack 2590x600x450 (HxWxD), 2 mm thick angle.	Request you to please confirm exact height for 12U rack as mentioned height mostly related to 42U rack.	b. EQUIPMENT RACK – 12U for L2 Switch (Wall Mounted) 1. Frame structure: Deep Powder coated Steel Frame Rack 600x600x600 (HxWxD), 2 mm thick angle.	M/s. HAIL
63		General		Network Architecture	Request you to kindly share the network architecture that will be deployed.	As per tender- Centralised Storage Architecture	M/s. HAIL
64		Page 32		Point no. 14 of the table: 35.3 Price bid evaluation will be subject to purchase preference to MSE's and Class-I Local suppliers as per guidelines (Refer Annexure-D, Annexure-E & Annexure-F). However, this Purchase preference will be extended considering as "the tender quantity cannot be split"/"the tender quantity non divisible in nature."	Kindly confirm whether MSE-2012 purchase preference will be applicable for this tender or not as th list of contents denotes it as not applicable. Kindly confirm whether the contract awarding will be splitted or it will go to a single party L1 or Class -I supplier (L1+20%) or MSE (if applicable) as the case may be.	As Per Tender- Clause mentioned not applicable	M/s. HAIL



S. No	Section No	Page No	Point No	Content of RFP requiring Clarification(s)	Points of clarification	BRB Comment	Rised by
65		Page 57		Required Terms of Delivery, Destination and preferred mode of Transportation: Ordered quantity to be delivered to F.O.R. BRBNMPL, Salboni. The packing, transportation and loading/unloading charges shall be borne by bidder only.	As mentioned on Page 7 and Page 127, unloading will be in BRBNMPL scope. The statement on the left is contradictory to the same. Kindly confirm that unloading of materials from freight forwarder to general stores at BRBNMPL site will be in BRBNMPL scope.	As Per Tender- If the unloading point is at General Stores, the unloading will be in BRBNMPL Scope. If the supplier wish to load at work location in all other cases the unloading will be in Bidders scope.	M/s. HAIL
66		Page - 7&8		16. Phases of delivery: Bidders have to deliver the items in phases as per project Plan to execute different works in parallel to ensure completion of the project at the earliest.	Kindly request you share the tentative phases of delivery and how many.	As Per Tender	M/s. HAIL
67		Page 8		18. The offered items to be supplied must be latest (not older than 02 years from the date of first launch as on date of supply) and should have warranty period of three years from OEM from the date of FAC and shall not fall in end of sale during warranty/ defect liability period. 19. The offered items (to be supplied) must have Minimum Five year end of service support from the announcement of end of sale from OEM	Kindly note that currently technology is evolving very fast and many items like cameras, displays and/or server/workstations may be end of sale within a span of 2-3 years depending on the market scenario. Hence kindly request you to delete the clause of "not fall in end of sale during warranty/defect liability period".  Five years of end of service support confirmation post end of sale cannot be shared for all items like cameras, servers, workstations, displays, video wall & controllers, etc. Kindly requesting to modify this clause as " Bidder will provide service support for 8 years post FAC with same models/spare parts or equivalent/upgraded compatible model/spare part.	As Per Tender	M/s. HAIL
68		Page 10		Recovery & Rectification of work: In case contractor fails to attend the same as per defect liability period clause above within a week or as applicable from the date of intimation, it will be got rectified by the owner through another agency & money spent thus shall be recovered from the Contractor. If the work in not completed in all respect or delayed beyond reasonable time or Contractor discontinues the work abruptly, then BRBNMPL reserves right to get the remaining work / uncompleted work done through any other agencies at the risk and cost of the Contractor. In such case, the pending claims and Security Deposit of the Contractor shall be forfeited.	Please note that maximum cost liable to the to the bidder /contractor against this clause will be governed by the limitation of liability of the agreement i.e., to a maximum of 100% of the contract value. Kindly confirm.	As Per Tender- Maximum liability of contractor is 100% of the contract value	M/s. HAIL
69		Page 21		20.1 An authenticated copy of the document which authorizes the signatory to commit on behalf of the firm shall accompany the offer. The individual signing the tender or any other documents connected therewith should clearly indicate his full name and designation and also specify whether he is signing. (c) as Director, Manager or Secretary in case the of Limited Company duly authorized by a resolution passed by the Board of Directors or in pursuance of the Authority conferred by Memorandum of Association.	In case of limited company the tender signing authority can be a POA holder who has been duly authorized by the Managing director & board of directors to sign and finalize bids. Kindly confirm our understanding is correct.	As Per Tender - An authorised person shall sign all the documents.	M/s. HAIL
70		Page 21		20.7 Two copies to be submitted – Enveloped as Original & Duplicate	Kindly confirm whether we need to submit two copies of Bid or a single copy. ( Applies for both techno-commercial & Price bid)	As per tender	M/s. HAIL
71		Page 58		The design of IP CCTV system may consider installation of new IP cameras by using existing infrastructure of IP CCTV system as far as possible and providing additional networking infrastructure wherever required or design completely independent IP CCTV system to fulfil scope of work and to ensure fast, stable, reliable and robust performance.	Kindly confirm that new network infrastructure designing is not our scope and will be restricted to supply of network items as indicated and mentioned as a part of the BOQ/ Priced BID.  Whether the network will be in ring or star topology will be in limitations to the network components/items available as per the BOQ quantity only. Any additional switches or modules required will be at an extra cost.	As per Tender - It is a Turnkey project. BOQ of IP CCTV Camera (521), Hybrid SAN Storage is fixed. Other items BOQ specified is minimum and may change as per bidders architecture. Bidder has to design and quote accordingly to ensure fulfillment of functionality of IP CCTV system as per the requirement in Section VII.	M/s. HAIL
72		Page 63 & 64		Penalty or liquidated damages under CAMC	Kindly request you to restrict the penalty charges to a maximum of 5% of the quarterly AMC value for uptime or service SLA breach in each quarter. Please note that the penalty charges cannot be accepted without an upper capping clause.	As Per Tender	M/s. HAIL

B. V. SHAMPRASAD (AGM)

S. A. RAHMAN (DCM)

S. S. KUDRE (AGM)

S. M. PAWLE (DCM)

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PRABHAT KUMAR (AGM)





S. No	Section No	Page No	Point No	Content of RFP requiring Clarification(s)	Points of clarification	BRB Comment	Rised by
73		Page 65		8 nos of manpower deployment: 1. Network administrator 2. Domain administrator 3. Residential engineers	Kindly confirm what category of manpower is to be considered against each i.e., semi-skilled, skilled or highly skilled.	8 nos of manpower deployment:  1. Network administrator-- <i>Wage rate Shall be minimum Highly skilled</i> 2. Domain administrator-- <i>Wage rate Shall be minimum Highly skilled</i> 3. Residential engineers-- <i>Wage rate Shall be minimum skilled</i>	M/s. HAIL
74		Page 69		4. COMPREHENSIVE CAMC Entire system shall be maintained under Comprehensive AMC for Five years, after successful completion of three years of warranty period. The scope of CAMC includes To check and attend daily maintenance / periodic maintenance.	The tender has asked for 5 years of CAMC and 8 years of Operation and Maintenance (O&M) with a specified manpower. The value of the asked CAMC and O&M (with fixed 8 Manpower plus reliever) is almost the same of the Supply, Installation, Testing & Commissioning (SITC) part of the Tender of estimated value 15.1 Cr INR with GST. The DLP & O&M part should be capped with a minimum value of 80% of the SITC part.	As Per Tender	M/s. HAIL
75		Page 8		24. Payment Terms: g) 80% of the value of Material Supplied will be released upon supply & acceptance of material at site, except for SI. No. 18 to 21 and SI. No. 25 to 30 of Price bid. h) 80% payment for SI. No. 18 to 21 and SI. No. 25 to 30 of Price bid, shall be made only after completion of cable and conduit laying work and shall be paid on actual measurement basis. i) Balance 20% of the above g & h and 100% of Installation and commissioning charges will be released upon fulfillment of all contractual obligations and of work completion certificate / FAC for total IP CCTV System.	Kindly change the payment terms for better cash flow & help bidders to maintain a smooth execution. We would like to propose the following payment terms - g) 80% of the total value of supply items shall be released upon supply & acceptance of material at site, against 30 days Letter of Credit. g) Balance 20% of the supply items shall be released upon pro-rata erection at site, against 30 days Letter of Credit. h) 100% of Installation and commissioning charges will be released upon pro-rata I&C at site, against 30 days Letter of Credit.	As Per Tender	M/s. HAIL
76		Page 178		Payment terms CAMC	Kindly requesting quarterly advance payment terms within 15 days of invoicing.	As Per Tender	M/s. HAIL
77		Page No- 37		GCC Clause 4- Patent Rights: The supplier shall, at all times, indemnify BRBNMPL against all claims which may arise in respect of goods & services to be provided by the supplier under the contract for infringement of any right protected by patent, registration of designs or trademarks.	HAIL would hereby like to propose that Honeywell's liability under this clause shall be subject to the limitation of liability clause. Kindly requesting confirmation against the same.	As Per Tender-- Liability limited to 100% of the contract value	M/s. HAIL
78		Page No- 45		GCC Clause 23- Delay in the supplier's performance: The time for and the date specified in the contract or as extended for the delivery of the stores shall be deemed to be the essence of the contract and the supplier shall deliver the goods and perform the services under the contract within the time schedule specified by BRBNMPL in the List of Requirements and as incorporated in the contract.	HAIL hereby proposes that the reference to time being of the essence to the contract is deleted.	As Per Tender	M/s. HAIL
79		Page No- 46		GCC Clause 24- Liquidated damages: If the supplier fails to deliver any of the goods or fails to perform the services within the time frame(s) incorporated in the contract, BRBNMPL shall, without prejudice to other rights and remedies available to BRBNMPL under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to the 0.5% percent (or any other percentage if prescribed in the SCC) of the delivered price for each week of delay until actual delivery or performance, subject to a maximum of the 10% (or any other percentage if prescribed in the SCC) of the delayed goods' or services' contract price(s).	HAIL would like to propose that the following language is added pertaining to delays: "Honeywell shall not be liable for any delays or increased costs caused by delays not attributable to Honeywell. If there is any such delay then Honeywell reserves it right to increase prices to reflect increased costs, delay, and any other costs suffered by Honeywell. Honeywell also reserves it right to suspend its obligations and/or terminate the contract if the delay results in Honeywell's inability to carry out the Work as per the schedule agreed between the Parties. For the avoidance of doubt, Liquidated Damages shall not be applicable during such delay."	As Per Tender	M/s. HAIL

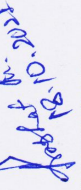
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S. M. PAWATE (DSM)

  
S. S. KUDE (AGM)

  
S. A. RAHIM (DSM)

  
B. V. SAMPATH (AGM)

  
PRABHAT KUMAR (AGM)



S. No	Section No	Page No	Point No	Content of RFP requiring Clarification(s)	Points of clarification	BRB Comment	Rised by
80		Page No- 47		GCC Clause 26- Termination for default: Termination for cause is proposed, for the failure of Supplier to supply the goods in conformity with the contract, or breaches the contract specifications. Supplier is to be held liable for the value of the remaining works in such a situation.	HAIL proposes that Honeywell will be given a cure period under this clause of thirty (30) days. It is also hereby proposed that this liability is subject to the value of the undelivered works under the Contract. The following language needs additional inclusion:  "Honeywell may terminate this Contract for cause (including, but not limited to BRBNMPL's failure to make payments as agreed herein) after giving BRBNMPL written notice of its intent to terminate. If, within seven (7) days following receipt of such notice, BRBNMPL fails to make the payments then due, or otherwise fails to cure or perform its obligations, Honeywell may, by written notice to BRBNMPL, terminate this contract and recover payment for Work executed and for losses sustained for materials, tools, construction equipment and machinery idle charges, including but not limited to, reasonable overhead, profit and applicable damages."	As Per Tender	M/s.HAIL
81		Page No- 47		GCC Clause 28- Force Majeure: The word "pandemics" does not feature in the definition of Force Majeure.	HAIL hereby proposes that the word "pandemics" is added to the definition of Force Majeure. The following language is also proposed regarding COVID-19:  "Notwithstanding anything to the contrary, in light of the COVID-19 pandemic, the effects of which cannot be foreseen, the parties agree that Honeywell shall be entitled to an equitable extension of time to deliver or perform its work and appropriate additional compensation to the extent Honeywell's delivery or performance, or the delivery or performance of its suppliers and/or subcontractors, is in any way delayed, hindered or otherwise affected by the COVID-19 pandemic."	As Per Tender	M/s.HAIL
82		Page No- 47		GCC Clause 29- Termination for convenience : The agreement proposes termination for convenience.	HAIL hereby proposes that this clause is deleted. Neither party shall have the right to termination for convenience.	As Per Tender	M/s.HAIL
83		Page No- 48		GCC Clause 32- Code of Ethics : A code of ethics is proposed, that shall be applicable to Honeywell.	HAIL proposes that this clause is deleted in its entirety, and the following language is added in place:  "The parties shall follow their own codes of conduct."	As Per Tender	M/s.HAIL
84		Page No- 49		GCC Clause 33- Resolution of disputes : Arbitration is proposed under the UNCITRAL Rules. Some modifications are also made pertaining to the seat in the SCC.	HAIL hereby proposes that the provisions relating to dispute resolution throughout the tender conditions, are deleted. The following language is proposed:  "This Agreement will be governed by the laws of India without regard to conflicts of law principles. Any dispute arising out of or relating to this agreement, will be finally resolved by arbitration in accordance with the Indian Arbitration and Conciliation Act 1996 and its subsequent amendments thereof. The place of arbitration will be Pune. The language of the arbitration will be English. The arbitration will be conducted by a mutually appointed sole arbitrator. Parties will bear their own costs of arbitration. Notwithstanding the foregoing, either Party may apply to any court of competent jurisdiction at Pune for preliminary injunctive relief without breach of this arbitration provision."	As Per Tender	M/s.HAIL

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Prabhat Kumar (AGM)  
18.10.2023

Stamp: B. STAMPASAD (AGM)  
Signature: S.A. RAHIM (DGM)

Signature: S.S. KUDJE (AGM)

Signature: S. M. PANDE (DGM)



S. No	Section No	Page No	Point No	Content of RFP requiring Clarification(s)	Points of clarification	BRB Comment	Rised by
85				Limitation of liability. The Agreement does not contain a clause pertaining to limitation of liability.	HAIL proposes the inclusion of following language to the document as a clause: "Honeywell's total liability to BRBNMPL over the period of the contract arising out of or in connection with the contract, whether such liability arises from any claim based upon contract, indemnity, warranty, tort or otherwise, shall in no case exceed 100% of the actual amount paid to Honeywell under the contract. In no event shall Honeywell be liable for any incidental damages, consequential damages, special damages, indirect damages, loss of profits, loss of revenues, or loss of use, these limitations and exclusions will apply regardless of whether liability arises from breach of contract, indemnity, warranty, tort (including but not limited to negligence), by operation of law, or otherwise."	As Per Tender- Liability is limited to 100% of the contract value	M/s.HAIL
86				Intellectual Property & Software: The Agreement does not contain a clause pertaining to pertaining to bidder's/OEM's ownership of IP/Software.	HAIL proposes that the following language is added: "All intellectual property arising out of or in connection with the contract documents shall be owned by Honeywell. Honeywell agrees to provide BRBNMPL a non-exclusive, non-sub licensable and non-transferable license to BRBNMPL for the sole purpose of performance of the services under this contract. All software provided in connection with this contract shall be licensed and not sold."	As Per Tender	M/s.HAIL
87		Page No- 51		SCC Clause 4 - Price variation : The price should be firm for the contract period and there shall be no escalation on any account except statutory taxes. Any revision in statutory taxes shall be considered at actuals, subject to production of documentary evidence.  Any increase in statutory duties beyond scheduled delivery is not attributable to BRBNMPL and the same will have to be borne by the supplier.	HAIL proposes the following clause in addition to the original clause on the left: "Notwithstanding anything to the contrary in this Agreement, Bidder/Supplier/Contractor may increase prices and recover associated costs for increases in costs of labour and/or materials, and increases in, or adoption of new, government tariffs that occur during the term of this Agreement."  It is proposed that this clause is deleted.	As Per Tender	M/s.HAIL
88		Page No- 55		SCC Clause 18 - Cancellation : The Company shall at all times have a right forthwith to cancel this agreement by giving written notice thereof to the contractor and in such case the contractor shall be paid for parts of work has been executed by him up to the cancellation, on the basis of the schedule of rates attached, and shall be reimbursed by the company by the costs and expenses incurred by him but which would not be wasted as a direct consequence of the cancellation of the agreement.	HAIL requests the deletion of this clause. The termination rights proposed against the GCC provisions which shall be agreed between the parties, shall prevail. Kindly need confirmation.	As Per Tender	M/s.HAIL
89		Page No- 144		Annexure A - Confidentiality Statement: The information, which is contained in this document will not, in whole or in part be reproduced, transferred to other documents/electronic media or disclosed to others without written consent of BRBNMPL. Bidder shall also undertake to maintain secrecy, exclusivity and confidentiality of the high security currency printing environment of BRBNMPL.	HAIL hereby proposes that this obligation is made mutually applicable to both parties, and such confidentiality obligation shall not be valid beyond a period of three years after the termination of the Contract.	As Per Tender	M/s.HAIL
90		Page No- 170		Service Level Agreement Clause 17 - Indemnity : A mutual indemnity for cause is proposed, whereby the parties indemnify each other for cause, including: (a) Breach of contract resulting in loss; (b) Act or omission of a party causing loss/damage, and (c) IP infringement.	HAIL's liability under this clause shall be subject to the limitation of liability clause. Further, Honeywell shall not be liable to indemnify BRBNMPL for any loss/damage not arising from an act/omission directly attributable to Honeywell.	As Per Tender	M/s.HAIL

PRABHAT KUMAR (AGM)  
18/10/25

B. V. SYAMPRAKASH (AGM)

S. A. RAHIM (DGM)

S. S. KUDR (AGM)

S. M. PAUL (DGM)

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S. No	Section No	Page No	Point No	Content of RFP requiring Clarification(s)	Points of clarification	BRB Comment	Rised by
91		Page No-171		Service Level Agreement Clause 18 - Force Majeure : Clause is in line with Force Majeure Clause in the GCC	HAIL propose that this clause is harmonized with the language as suggested above pertaining to Force Majeure clause in the GCC.	As Per Tender	M/s HAIL
92		Page No-172		Service Level Agreement Clause 24 - Sensitive Information : Any information considered sensitive must be protected by Service Provider from unauthorized disclosure, modification or access.	HAIL hereby proposes that any references to personal data are deleted herein, as Honeywell does not collect, process or store any personal data.	As Per Tender	M/s HAIL
93		Page No-173		Service Level Agreement Clause 27 - Resolution of Disputes : All disputes arising under the Agreement shall be referred to arbitration by a sole Arbitrator acceptable to both parties. The Arbitration and Conciliation Act 1996 or any statutory modification thereof shall apply to the arbitration proceedings and the venue of the arbitration shall be Kolkata, West Bengal.	HAIL hereby proposes that the cost of the arbitration shall be borne equally by both parties.	As Per Tender	M/s HAIL
94		Page No-178		Service Level Agreement Section IV - Limitation of liability : Contractor's liability for damages under this Contract shall be limited to the total value of contract except for property loss suffered by the Company due to negligence attributable on the part of Contractor, their agents or their employees. Other exceptions such as IP infringement, willful misconduct, etc. are provided.	HAIL hereby proposes that all exceptions are deleted. Honeywell's liability shall, in any event, notwithstanding anything contained in the Agreement, be confined to the limitation of liability clause. The following language is also proposed as an addition:  "In no event shall Honeywell be liable for any incidental damages, consequential damages, special damages, indirect damages, loss of profits, loss of revenues, or loss of use, these limitations and exclusions will apply regardless of whether liability arises from breach of contract, indemnity, warranty, tort (including but not limited to negligence), by operation of law, or otherwise."	As Per Tender	M/s HAIL
95		Page No-179		Service Level Agreement Section V - Confidential Information : No party receiving Confidential Information, in connection with the provision of the Services stated in this Agreement shall disclose such Confidential Information to a third party or use it for any purpose other than in connection with this Contract. All data or information supplied by the Company to the Service Provider in connection with the services being provided by Service Provider shall remain the property of the Company or its licensors.	HAIL proposes that this provision is made mutually applicable to both parties, and the confidentiality obligation under this Agreement is restricted to a period of 3 (three) years. It is proposed that clause (4) is deleted, and replace with the following language:  "All intellectual property arising out of or in connection with the contract documents shall be owned by Honeywell. Honeywell agrees to provide BRBNMPL a non-exclusive, non-sub licensable and non-transferable license to BRBNMPL for the sole purpose of performance of the services under this contract. All software provided in connection with this contract shall be licensed and not sold."	As Per Tender	M/s HAIL
96		Page No-181		Service Level Agreement Section VI - Term and Termination : Clause 2: The notice period provided is 15 (fifteen) days.	HAIL proposes that the notice-period is made to a cure-period of thirty (30) days, within which Honeywell may cure the alleged breach.	As Per Tender	M/s HAIL
97		Page No-182		Service Level Agreement Section VI - Term and Termination : Clause 4: Service Provider will be entitled to terminate if the Company materially breaches any of the terms or conditions of this Agreement and such breach is not cured within thirty (30) working Days.	HAIL hereby proposes that the language proposed against the termination clause of the GCC is included here, pertaining to Bidder's/Supplier/Contractor's right to terminate the Agreement.	As Per Tender	M/s HAIL
98		Page 8		NIT Clause 24. Material has to be supplied milestone wise execution plan. Supplying of entire project items at a time is not acceptable. Prior permission from project coordinating officer of BRBNMPL is required to supply the items. Parallel execution of milestones will be allowed except clause d and f to speed up the project if multiples teams will be deployed by Contractor with prior consent from BRBNMPL.	Kindly requesting BRBNMPL to share the tentative phase wise milestone schedule in terms of quantity of cameras/areas to be completed , networking, cabling and head end deployment.	As Per Tender	M/s HAIL

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99		Page 9		NIT Clause 24. k) Any increase/decrease in Statutory rates after opening the tender will be paid at actuals against documentary evidence. Any increase in statutory duties beyond scheduled delivery is not attributable to BRBNMPL and the same will have to be borne by the supplier.	HAIL proposes additionally that any increase in statutory duties beyond scheduled delivery for reasons not attributable to bidder/supplier/contractor will be borne by the purchaser.	As Per Tender	M/s HAIL
100		Page 9		NIT Clause 24. o) Successful bidder has to submit a copy of latest GST Return along with the bill/invoice, Declaration & Certificate of Input Tax Credit as per Annexure C1 & C2, failing which payment cannot be released	HAIL hereby states that it would not be possible for Honeywell to submit GST return as a proof of GST payment. However, BRBNMPL already has access to GST portal against their credentials to check the validity of Honeywell's payment.  HAIL requests that payment should not be kept on hold on account of non-submission of GST return.	As Per Tender	M/s HAIL
101		Page 9		NIT Clause 24. p) For RTGS/NEFT payment you may forward your Bank Mandate and other details along with your invoice & copy of your latest GST returns for immediate e-payment. Bidder has to furnish the price-break-up including the tax components. Any revision (increase/decrease) in Statutory rates after opening the tender will be paid at actuals on producing the documentary evidence.	HAIL hereby states that GST return cannot be submitted for any purposes.	As Per Tender	M/s HAIL
102		Page 10		NIT Clause 26. Security Deposit (SD)/Performance Security: Within twenty-one days after the issue of Notification of Award by BRBNMPL, the supplier shall furnish Security Deposit to BRBNMPL for an amount equal to 10% of the Total Value of the Contract in the form of DD or Bank Guarantee (BG) valid up to Sixty days after date of completion of all contractual obligations including 3 years Warranty and 5 years CAMC.	Kindly note that a single BG with 8 years of validity post handover cannot be issued.  As per company policies and agreement with bank, BG cannot be issued for a maximum tenure of 5 years. Once the expires a fresh BG can be issued for the remaining tenure. Kindly need acceptance on the same.	As Per Tender- Initial BG can be given for 5 years validity and can be renewed for 3 years before expiry. With claim period of additional 60 days in both the cases	M/s HAIL
103		Page 131		SECTION XV: Bank Guarantee Form for Performance Security	HAIL proposes changes against the Bank guarantee format as enclosed separately.	As Per Tender	M/s HAIL
104		Page 11		NIT Clause 38.Option Clause: The BRBNMPL may reserve the right to increase or decrease the BOQ quantity either at the time of issuing of work order or at any time, during the execution of work depending on the Site requirement by giving reasonable notice period and the payment will be made pro rata basis as per price offered by the contractor in the Price Schedule (Section – XI) in this tender.	Kindly need clarity on the maximum % of increase or decrease in BOQ quantity that will be applicable as per the tender bided rates. Based on the quantity variation possibility, pricing estimation will also vary. Hence clarity is required.	As Per Tender	M/s HAIL
105		Page 11		NIT Clause 39.Repeat Order Quantity: BRBNMPL reserves the right to procure additional 50% of the order quantity within 06 months from the date of last supply by placing repeat order against the previous order with same rate and terms and conditions.	<b>Any repeat orders with 50% additional quantity should be placed atleast two months prior to end of SITC contract delivery period of 300 days.</b> Please note that any procurement activity beyond contract period of 300 days will attract escalation in price as per then prevailing market rates and foreign currency exchange rates.	As Per Tender	M/s HAIL
106				Tender is silent on BOCW and/or Labour cess applicability.	HAIL hereby states that BOCW or Labour cess will not be applicable for HAIL against this contract. Also, HAIL cannot get itself registered under BOCW. Kindly need clarity on the applicability of BOCW in this contract.	As Per Tender- This tender does not fall under BOCW	M/s HAIL

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107		Page 16		<p>GIT</p> <p>Clause 12.6 : For goods offered from abroad, the prices in the corresponding price schedule shall be entered separately in the following manner: a) The price of goods quoted FAS / FOB port of shipment, CIF port of entry in India or CIF specified place of destination in India as indicated in the List of Requirements. b) Wherever applicable, the amount of custom duty and import duty on the goods to be imported. c) The charges for inland transportation, insurance and other local costs incidental to delivery of the goods from the port of entry in India to their final destination, as specified in the List of Requirements. and d) The charges for incidental services, as and if mentioned in the List of Requirements</p>	<p>Kindly need clarity on whether separate order for imported material in USD or HSS order in INR will be applicable.</p> <p>This T&amp;C will be applicable only for imported order in USD or HSS in INR.</p>	As Per Tender	M/s HAIL
108		Page 17		<p>GIT</p> <p>Clause 12.8 Excise Duty:</p>	<p>Not applicable today. Hence clauses should be deleted.</p>	As Per Tender	M/s HAIL
109		Page 19		<p>GIT</p> <p>Clause 14.4: Subject to provisions of Clause 11 above, where prices are quoted in foreign currencies, involving imports - Foreign Exchange Rate Variation (ERV) would be borne by the Purchaser within the original Delivery Period. The offer of the Tenderer should indicate import content and the currency used for calculating import content.</p>	<p>Kindly clarify whether imported items order will be placed in USD?</p>	As Per Tender	M/s HAIL
110		Page 14		<p>GIT</p> <p>Clause 4 - Eligible Goods &amp; services: All goods and related services to be supplied under the contract shall have their origin in India or other countries, subject to any restriction imposed in this regard in Section III (SIT). The term "origin" used in this clause means the place where the goods are mined, grown, produced or manufactured or from where the related services are arranged and supplied.</p>	<p>Kindly need clarity on whether goods originating out of china are acceptable or not?</p>	As Per Tender	M/s HAIL
111		Page 31		<p>SIT</p> <p>Eligible Tenders, Eligible Goods and Services (Origin of Goods): Indian Origin only</p>		As Per Tender	M/s HAIL
112		Page 37		<p>GCC</p> <p>Clause 5 - Country of Origin: All goods and services to be supplied and provided for the contract shall have the origin in India or in the countries with which the Government of India has trade relations.</p>		As Per Tender	M/s HAIL
113		Page 45		<p>GCC</p> <p>Clause 22.9 : While claiming reimbursement of duties, taxes etc. (like sales tax, excise duty, custom duty) from BRBNMPL, as and if permitted under the contract, the supplier shall also certify that, in case it gets any refund out of such taxes and duties from the concerned authorities at a later date, it (the supplier) shall refund to BRBNMPL, BRBNMPL's share out of such refund received by the supplier. The supplier shall also refund the applicable amount to BRBNMPL immediately on receiving the same from the concerned authorities.</p>	<p>Kindly need clarity on whether any exemptions of taxes or duties benefits are available to BRBNMPL. Accordingly, the same can be checked and benefits can be passed in case of applicability.</p>	As Per Tender	M/s HAIL

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114		Page 46		GCC Clause 24.1. Subject to GCC clause 28, if the supplier fails to deliver any or all of the goods or fails to perform the services within the time frame(s) incorporated in the contract, BRBNMPL shall, without prejudice to other rights and remedies available to BRBNMPL under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to the 0.5% percent (or any other percentage if prescribed in the SCC) of the delivered price of the delayed goods and/or services for each week of delay or part thereof until actual delivery or performance, subject to a maximum deduction of the 10% (or any other percentage if prescribed in the SCC) of the delayed goods' or services' contract price(s). During the above mentioned delayed period of supply and / or performance, the conditions incorporated under GCC sub-	HAIL proposes acceptable liquidated damages as a sum equivalent to the 0.5% percent of the delivered price of the delayed goods and/or services for each week of delay or part thereof until actual delivery or performance, subject to a maximum deduction of 5% percent of the delayed goods' or services' contract price(s).	As Per Tender	M/s. HAIL
115		Page 51		SCC Clause 4 - Price Variation: The price shall be firm for the contract period and there shall be no variation/escalation on any account except statutory taxes. Any upward/downward revision in statutory taxes shall be considered at actual, subject to production of documentary evidence. Rate of GST included in the Price should be specified. Any increase in statutory duties beyond scheduled delivery is not attributable to BRBNMPL and the same will have to be borne by the supplier.	HAIL proposes additionally that any increase in statutory duties beyond scheduled delivery for reasons not attributable to bidder/supplier/contractor will be borne by the purchaser.	As Per Tender	M/s. HAIL
116		Page 53		SCC Clause 11 - Safety & Insurance: Third party liability policy for a total of minimum Rs.10 lakhs and with a limit of minimum Rs.2 lakh per accident.	HAIL will have a 3rd party liability insurance policy in place and can draw a certificate of evidence from it. But the limits of liability have to be agreed mutually prior to contract finalizations. It will be as per standard deductibles, terms and conditions.	As Per Tender	M/s. HAIL
117		31 of 201		Additional Factors and Parameters for Evaluation and Ranking of Responsive Tenders : Note: BRBNMPL reserves right to allocate the tender quantity amongst MCEs, Local suppliers and other L1 bidders on case to case basis within the provisions of Government guidelines. Minimum Local Content: Equal to or more than 50% for "Class-I Local suppliers" and more than 20% but less than 50% for "Class-II Local supplier"	We understand bidders have to quote only domestic OEMs who are either Class-I or Class-II local suppliers and non-local OEMs are not eligible to participate in compliance to the provisions of Govt. guidelines. Kindly confirm if our understanding is correct.	As per Tender- No Such Restrictions in place refer Section 3 serial no:12 page no:32	M/s TEJAS NETWORKS
118		88 of 201		Spare ports available at existing L3 switches shall be used to interface new L2 switches, recording servers and configured. The proposed usage of existing items should not disturb the existing IP based CCTV system video viewing and recording. However, the bidder if uses existing items, it will be treated at par with supplied item and he should provide warranty for 3 years and comprehensive AMC for 5 years. The used items/components of existing system will be included in BOQ of SLA schedule.	We understand the interconnectivity with existing L3 switches would be on IEEE and ITU-T standard protocols as we are not sure if incumbent non-local OEM is running or have configured any proprietary protocols. Kindly confirm that our understanding is correct that interfacing with existing L3 switches shall happen on all IEEE/ITU-T/ IETF standards.	As per Tender- The bidder is free to visit site and design the system to fulfil tender requirements	M/s TEJAS NETWORKS
119		89 of 201		Switch should have IPv6 ready logo. Should have IPv6 management features like SNMPv6, Telnetv6 and SSHv6, Syslogv6, NTPv6 client and server.	We understand the switch hardware needs to be IPv6 feature ready to support the features as mentioned in the clause. We request to amend the clause as "Switch should have IPv6 Feature Ready/ ready logo. Should have IPv6 management features like SNMPv6, Telnetv6 and SSHv6, Syslogv6, NTPv6 client and server." Kindly confirm.	As per Tender	M/s TEJAS NETWORKS
120		89 of 201		Certification: EN55022 class A, FCC class A, VCCI class A, EN55024, UL, cUL, TUV, RoHS Compliant and Energy Efficient Ethernet compliant (EEE)	We would like to bring to your notice that few certification like VCCI (Japanese) are of foreign origin and are relevant to specific countries with no relevance to Indian continent. Kindly confirm equivalent certification from Indian regulatory bodies like TSEC is admissible against the foreign certifications as per PPP-MI policy provisions.	Certification: EN55022 class A, FCC class A, VCCI class A/equivalent, EN55024, UL, cUL, TUV, RoHS Compliant and Energy Efficient Ethernet compliant (EEE)	M/s TEJAS NETWORKS

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S. No	Section No	Page No	Point No	Content of RFP requiring Clarification(s)	Points of clarification	BRB Comment	Rised by
121		89 of 201		Rugged outdoor Din Rail mountable switch with Min 8*10/100/1000 Base-T port of POE + and 4* 10 GB	As per the RFP requirement, the ports on to which these industrial grade switches will connect is 1G. Across industry the standard industrial grade 8 port switch used in the surveillance networks utilize 1G ports for uplink. Also, as per the switching capacity and throughput requested as per 3.8.C.c.5 are 24Gbps and 17Mbps which refers to 1G uplink ports. It seems a typo error in the clause. We request to amend the clause as "8*10/100/1000 Base-T port of POE + and 4* 1GB". Kindly confirm.	Port Density: Rugged outdoor Din Rail mountable switch with Min 8*10/100/1000 Base-T port of POE + and 2* 1 GB Fiber slots with suitable AC PSU; dual power inputs. 2 nos 1 GB SM modules should be loaded.	M/S TEJAS NETWORKS
122		90 of 201		Switch should support 16K MAC addresses	With reference to surveillance and access network applications, 8K MAC table size is optimal for usage. In line to same, we request to amend the clause as "Switch should support 16K MAC addresses". Kindly confirm.	Switch shall support 8K MAC addresses	M/S TEJAS NETWORKS
123		90 of 201		SNMPv1, v2c and v3. Web GUI, CLI, USB or equivalent memory card, IEEE1588v2 PTP, NTP	We would like to bring to your notice that it is not recommended to have USB support in access/ field devices as it makes the network prone to unauthorized access making it vulnerable. Also, PTP, NTP, IEEE1588v2 are necessarily serve the same function. We request to amend the clause as "We have SNMPv1, v2c and v3. Web GUI, CLI/ USB or equivalent memory card, IEEE1588v2/PTP/NTP. Kindly confirm.	As per Tender	M/S TEJAS NETWORKS
124		91 of 201		UL/IEC/EN 60950-1; ROHS Compliance; Min. IP65 Enclosure Rating, DIN Rail Mounting	Industrial grade switches are normally IP30 rated. We understand the enclosure which is to be provided to house the network switches should be IP65 and not the switch. Kindly confirm if our understanding is correct.	As per Tender	M/S TEJAS NETWORKS
125		91 of 201		Rugged outdoor Din Rail mountable switch with Min 4*10/100/1000 Base-T port of POE + and 2* 10 GB Fibre slots with suitable AC PSU; dual power inputs. 2 nos 10GB SM modules should be loaded.	As per the switching capacity and throughput requested in performance & system capacity 24Gbps and 17Mbps which refers to 1G uplink ports with 8x1G ports. As per the RFP requirement, the ports on to which these industrial grade switches will connect is 1G. Across industry the standard industrial grade 8 port switch used in the surveillance networks utilize 1G ports for uplink. Also, industrial grade switches are DC powered since they have FANless in design. We request to amend the clause as "Rugged outdoor Din Rail mountable switch with Min 8*10/100/1000 Base-T port of POE + and 2* 1G Fibre slots with suitable DC PSU; dual power inputs. 2 nos 1G SM modules should be loaded." Kindly confirm.	Rugged outdoor Din Rail mountable switch with Min 4*10/100/1000 Base-T port of POE + and 2* 1 GB Fibre slots with suitable AC PSU; dual power inputs. 2 nos 1GB SM modules should be loaded.	M/S TEJAS NETWORKS
126		91 of 201		Switch should support 16K MAC addresses	With reference to surveillance and access network applications, 8K MAC table size is optimal for usage. In line to same, we request to amend the clause as "Switch should support 16K MAC addresses". Kindly confirm.	Switch shall support 8K MAC addresses	M/S TEJAS NETWORKS
127		92 of 201		SNMPv1, v2c and v3. Web GUI, CLI, USB or equivalent memory card, IEEE1588v2 PTP, NTP	We would like to bring to your notice that it is not recommended to have USB support in access/ field devices as it makes the network prone to unauthorized access making it vulnerable. Also, PTP, NTP, IEEE1588v2 are necessarily serve the same function. We request to amend the clause as "We have SNMPv1, v2c and v3. Web GUI, CLI/ USB or equivalent memory card, IEEE1588v2/PTP/NTP. Kindly confirm.	As per Tender	M/S TEJAS NETWORKS
128		92 of 201		UL/IEC/EN 60950-1; ROHS Compliance; Min. IP65 Enclosure Rating, DIN Rail Mounting	Industrial grade switches are normally IP30 rated. We understand the enclosure which is to be provided to house the network switches should be IP65 and not the switch. Kindly confirm if our understanding is correct.	As Per Tender. Enclosure shall be IP 65	M/S TEJAS NETWORKS
129		59	Scope of Work	Scope of work shall include designing IP based CCTV system, supplying, installation of items as per design to the extent utilizing existing infrastructure as far as possible without affecting overall performance of IP based CCTV system, testing and commissioning of the supplied system without disturbing the existing IP system functioning. However, the bidder if uses existing items, it will be treated at par with supplied item and he should provide warranty for 3 years and comprehensive AMC for 5 years	Request to define "Uses of existing items", whether its only limited to cables & passive components or the active components like switch, Server, Storage or Camera etc? Please confirm.  Is the existing system is under Maintenance by the previous installed vendor ? Please confirm.  Is any integration with the existing system BRBNMPL is looking for ?	As per Tender	M/S TATA ASL

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130		103	Buyback item list	Buyback item list	Please confirm the no of years in service for these items and whether these are in working condition or not.	As per Tender- The bidder is free to visit site and assess the condition, Currently we are using this Analog system for Monitoring	M/S TATA ASL
131		General	Last Date & Time for submission of tender:	09/08/2021 up to 11:30 AM	Request to give us minimum 3 weeks of timeline from the date of publication of Prebid Corrigendum Notice.	As per Tender- From corrigendum issue min. 2 weeks time will be given	M/S TATA ASL
132		Page No. 73	Detailed Technical Specification ns. A. <u>IP cameras</u> a. <u>IP Based Outdoor Varifocal IR Bullet Cameras</u>	6) Focus : Automatic Back Focus	Automatic Back Focus is a function of BOX type camera, In Bullet camera you can get varifocal lens with Remote zooming option/lens adjustment with Auto-focus option which is better. <b>So, requesting you to amend this point as "Auto focus" instead of Automatic back focus.</b>	6) Focus : Auto Focus	M/S JUPITER COMPUTERS
133		Page No. 73	Detailed Technical Specification ns. A. <u>IP cameras</u> a. <u>IP Based Outdoor Varifocal IR Bullet Cameras</u>	11) Lens : 8-50 mm varifocal lens or better	Its a brand/ product specific terminology, the lens/focal length which is asked in tender that mostly available with BOX shape camera with the help of external lens option. it's difficult to find bullet camera with 8-50mm lens option. <b>hence requesting to amend this point as Generic with mentioning 8mm-32mm as focal length/lens which is as per the industry standard.</b>	As per tender	M/S JUPITER COMPUTERS
134		Page No. 73	Detailed Technical Specification ns. A. <u>IP cameras</u> a. <u>IP Based Outdoor Varifocal IR Bullet Cameras</u>	b) Video Resolution : > 2 MP (1920x1080)	Shall we consider it as minimum <b>2MP resolution</b> or more than 2MP , because in tender specification of other two cameras where asked minimum 2MP(1920X1080) resolution & same for recording resolution also. <b>Need clarification for the same.</b>	b) Video Resolution : >= 2 MP (1920x1080)	M/S JUPITER COMPUTERS

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135		Page No. 74	Detailed Technical Specification ns. A. IP cameras b. IP Based IR Indoor HD Bullet Cameras. Page No. 74	7) Focus : Automatic Back Focus	Automatic Back Focus is a function of BOX type camera. In Bullet camera you can get varifocal lens with Remote zooming option/lens adjustment with Auto-focus option which is better. So, requesting you to amend this point as "Auto focus" instead of Automatic back focus.	Focus : Auto Focus	M/S JUPITER COMPUTERS
136		Page No. 75	Detailed Technical Specification ns. A. IP cameras b. IP Based IR Indoor HD Bullet Cameras. Page No. 75	13.d) Audio - Input / Output : 02IN & 01 OUT	It seems to be a particular brand / product specific requirement. In practical scenario, there is no requirement to connect 2 Audio input/Mic in single Fixed Bullet/Dome camera. A camera will be faced at single direction to get video feed along with audio of scene area, there is no use of 2-audio input/mic. The standard Audio/Mic Input provided by majority of the OEMs is 1ch input/1-ch output and which is widely available in the market. Thus, requesting to amend this clause Audio input - 1 channel / 1 channel output.	As per tender	M/S JUPITER COMPUTERS
137		Page No. 75	Detailed Technical Specification ns. A. IP cameras b. IP Based IR Indoor HD Bullet Cameras. Page No. 75	12. e) Quad H.265/H264 (Recording & Viewing)	For this solution requirement 3 streams are sufficient for viewing & recording purpose and that is also mentioned in other cameras specification + in other clause number (3.1 h, page 67), then why Quad stream required against only for this particular Bullet camera. hence requesting to amend this clause as minimum 3 streams.	Tri-stream H.265/H.264(recording and Viewing) at minimum 30 fps and at 1080 resolution	M/S JUPITER COMPUTERS
138		Page No. 75	Detailed Technical Specification ns. A. IP cameras c. IP Network Megapixel PTZ Full HD Camera for Indoor/Outdoor application Page No. 75	10) Wide Dynamic Range: True WDR; Min 140 dB	During video surveillance, there is variation in illuminance due to bright light sources. True WDR value with 120db value will render better and good quality image as compared with camera non True WDR/DWDR. Minimum 120db WDR is in term of True WDR & that is industry standard, the most common term True WDR in the market is 120db WDR which is widely accepted & available. Asking for 140db WDR unnecessarily the cost will be at higher side. So, requesting you to amend this point to minimum 120db WDR or higher.	Wide Dynamic Range / True WDR min 120 dB	M/S JUPITER COMPUTERS M/S.SDPL

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139		Page No. 76	Detailed Technical Specification ns. A. <u>IP cameras</u> c. <u>IP Network Megapixel PTZ Full HD Camera for Indoor/Outdoor application</u>	21) Video Streams : Minimum 3 streams (2 Configurable Primary Streams & 1 Service stream) Primary Streams:1080p/ 720p/ D1 @ 25/30fps Service Stream: 720p/D1/CIF @ 15/25/30fps	In CCTV Video surveillance, now-a-days mainly used 3 different streams (Main/primary stream, Sub stream, 3rd stream) & the purposes of these 3 streams are different. The purpose of the sub/service stream is to have remote view through mobile/remote client, hence resolution of this stream should be low to 640x480/VGA in order to constrain the bandwidth. Hence minimum two streams at 1920x1080 is sufficient to serve the purpose. <b>Thus help to amend the clause as - Sub/service stream: D1/640x480/CIF @15/25/30fps.</b>	Primary Streams:1080p @ 25/30 fps Service Stream: 720p/D1/CIF @ 15/25/30fps	M/S JUPITER COMPUTERS M/s SDPL
140		Page No. 77	Detailed Technical Specification ns. A. <u>IP cameras</u> c. <u>IP Network Megapixel PTZ Full HD Camera for Indoor/Outdoor application</u>	29) Alarm Input/ Output: 7 Inputs, 1 Output	In real scenario, there is no requirement to connect 7 Alarm input to single camera. The standard Alarm input interface provided by majority of the OEMs is 2-ch input unnecessarily asking for 7-ch Alarm input may increase the cost of Camera. <b>Thus, requesting to amend this point to Alarm Input : 2-input.</b>	Alarm Input/ Output: min. 3 Inputs, 1 Output	M/S JUPITER COMPUTERS M/s SDPL
141		Page No. 59	2.SCOPE OF WORK: System description in general: b) BRBNNMPL may extend the scope to cover shifting of existing 116 IP cameras (includes Face Recognition cameras 2 nos and Video Analytics cameras 57 including other existing PTZ and Fixed, outdoor and indoor cameras) and ANPR (without recording) cameras of Six (06) numbers into new IP CCTV system with applicable software and hardware licenses.		Is there any new requirement for ANPR & Face recognition solution or any other type of analytics? Because in Tender RFP there is no such separate technical specification against ANPR & Face recognition solution. <b>Need clarification on this point. (if needed then please include a separate specification for those)</b>	No requirement for FRS & ANPR in this tender. As per tender- The bidder is free to visit site and design the system to fulfil tender requirements	M/S JUPITER COMPUTERS
142		Page No. 60	2.SCOPE OF WORK: System description in general:	i) v. In case storage server not available the video data from NVR should be transferred when SAN storage is up.	In tender RFP/specification/BOQ, there is no such NVR considered as local recording of IP cameras. If there is any plan to use NVR then please include a separate technical specification for NVR to fulfill such requirement as per this clause. <b>Need clarification on this point.</b>	BRBNNMPL clarified that IP CCTV video recording has to be parallelly stored in Camera Server / Recording Server (7 days) as well as SAN Storage (90 days). In case SAN storage server not available for storing due to break down etc, the video data from NVR should be transferred when SAN storage is up -	M/S JUPITER COMPUTERS
143		Page No. 78	B.Video Manage nt System, Server & Storage 2) Distributed Architecture and Openness	The VMS shall support seamless integration with other security and safety equipment / systems like Fire Alarm System, Access Control system, Perimeter Protection System etc. so as to monitor on the GUI, alert and automatically focus the nearby CCTV camera towards the area of alarm/incident.	Is there any requirement for access control / Fire alarm system against this tender. <b>Need clarification on this point.</b>	There is no requirement of new access control system. The VMS shall support seamless integration of existing security and safety equipment/systems like Fire Alarm System, Access Control system, Perimeter Protection System etc. so as to monitor on the GUI, alert and automatically focus the nearby CCTV camera towards the area of alarm/incident.	M/S JUPITER COMPUTERS

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144		Page No. 82	B. Video Manage ment System , Server & Storage 13) Search and Playback of recorded Videos	The VMS shall provide an advanced search of recorded video. The search shall be based on recording time, camera and recording details. It should be possible in VMS to merge recorded video sequences from different or overlapping time intervals form different cameras to one and same the export. It will provide a consolidated video evidence for a complete overview of incidents.	Video merge option through software against other camera's footage into a single video file - asking for such requirement/ activity it may create a question against authenticity of particular video evidence/footage. This kind of activity comes under video editing practice. Kindly re-check on this point.	As per tender	M/S JUPITER COMPUTERS
145		Page No. 86	d.SAN Storage 1) High Availability and Storage Processors	Each Controller must have minimum Intel E5-2600 minimum 8 Core Processors per controller or equivalent and 64GB Memory.	By Specifying with such parameter, only a one or two Storage-OEM will be able to participate with limited storage solution. Now-a-day, Most of the storage OEM comes with their dedicated storage solution which is not only for enterprise level also have dedicated solution for surveillance sector too, where the storage device is able to take video feed from camera directly for recording purpose, there is no dependency on any middle recording/storage server. Requesting you to give some relaxation on this clause.	Equivalent Processor is acceptable	M/S JUPITER COMPUTERS
146			--Do--	Audio Input / Output / 02IN & 01 OUT	We request to kindly amend the same to 1 Audio In / 1 Audio Out as per industry standard. It will also fulfill the requirement of two-way talk.	As per tender	M/S SECURITY ENGINEERS PVT LTD
147			Page 110 /Section IX: Qualification n / Eligibility Criteria	ii)Net worth: The net worth of the firm should not be negative and should not have eroded by more than 30% year-on-year in the last 3 years ending 31/03/2020	ii)Net worth: The net worth of the firm should not be negative in the last 3 years ending 31/03/2020. iii)In the case of bidders/companies, which are restructured by	f	M/S SDPL
148				Buy Back		As per Tender	M/S SDPL
149			Page NO 73 /Clause No a. PN 06 Detailed Technical	6) Focus : Automatic Back Focus	Automatic Back Focus is a function of BOX type camera, In varifocal lens Bullet camera you can get Remote zooming option/lens adjustment with Auto-focus option which is better. So, requesting you to amend this point as "Auto focus" instead of Automatic back focus.	Focus : Auto Focus	M/S SDPL
150			Page NO 73 /Clause No a. PN 11 Detailed Technical Specifications	11) Lens : 8-50 mm varifocal lens or better	Its a brand/ product specific terminology, the lens/focal length which is asked in tender that mostly available with BOX shape camera with the help of external lens option. it's difficult to find bullet camera with 8~50mm lens option. hence requesting to amend this point as Generic with mentioning 8mm~32mm as focal length/lens which is as per the industry standard.	As per Tender	M/S SDPL
151			Page NO 73 /Clause No a. PN 12 b Detailed Technical Specifications	b) Video Resolution : > 2 MP (1920x1080)	Shall we consider it as minimum 2MP resolution or more than 2MP , because in tender specification of other two cameras where asked minimum 2MP(1920x1080) resolution & same for recording resolution also. Need clarification for the same.	b) Video Resolution : >=2 MP (1920x1080)	M/S SDPL

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S. No	Section No	Page No	Point No	Content of RFP requiring Clarification(s)	Points of clarification	BRB Comment	Rised by
152			Page NO 74 /Clause No b. PN 7 Detailed Technical Specification ns.	7) Focus : Automatic Back Focus	Automatic Back Focus is a function of BOX type camera. In varifocal lens Bullet camera you can get Remote zooming option/lens adjustment with Auto-focus option which is better. So, requesting you to amend this point as "Auto focus" instead of Automatic back focus.	Focus : Auto Focus	M/s.SDPL
153			Page NO 75 /Clause No b. PN 13 d Detailed Technical Specification ns.	13.d) Audio - Input / Output : 02IN & 01 OUT	It seems to be a particular brand / product specific requirement. In practical scenario, there is no requirement to connect 2 Audio input/Mic in single Fixed Bullet/Dome camera. A camera will be faced at single direction to get video along with audio feed of scene area, there is no use no 2-audio input.  The standard Audio/Mic Input provided by majority of the OEMs is 1ch input/1-ch output and which is widely available in the market. Thus, requesting to amend this clause Audio input - 1 channel / 1 channel output.	As per Tender	M/s.SDPL
154			Page NO 75 /Clause No b. PN 12 e Detailed Technical Specification ns.	12. e) Quad H.265/H264 (Recording & Viewing)	For this solution requirement 3 streams are sufficient for viewing & recording purpose and that is also mentioned in other cameras specification + in other clause number (3.1 h, page 67), then why Quad stream required against only for this Bullet camera. hence requesting to amend this clause as minimum 3 streams.	Tri-stream H.265/H.264(recording and Viewing) at minimum 30 fps and at 1080 resolution	M/s.SDPL
155			Page No:109, Section IX	Three similar completed works costing not less than the amount of value of 40% of estimated value i.e. Equal to Rs.604.00 lakhs. OR Two similar completed works costing not less than the amount of value of 50% of estimated value i.e. Equal to Rs.755.00 lakhs. OR One similar completed work costing not less than the amount of value of 80% of estimated value i.e. Equal to Rs.1208.00 lakhs.	We kindly request you to please amend it as, Three similar completed works combined costing not less than the amount of value of 100% of estimated value i.e. Equal to Rs.1510.00 lakhs.		M/s.BTPL
156			Page No:109, Average Annual Turnover:	Proof of Average annual financial turnover of firm during the last 3 years ending 31/03/2020 should be 30% of estimated value or more Rs. 453.00 Lakh	We kindly request you to please amend it as, Proof of Average annual financial turnover of firm during the last 3 years ending 31/03/2020 should be 80% of estimated value or more Rs.1208.00 lakhs	Tri-stream H.265/H.264(recording and Viewing) at minimum 30 fps and at 1080 resolution	M/s.BTPL

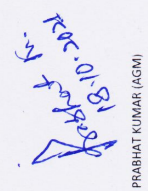
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S. No	Section No	Page No	Point No	Content of RFP requiring Clarification(s)	Points of clarification	BRB Comment	Rised by
157			Page No:86 6) VMS Validation on the Storage System	The Proposed Storage System should be tested and validated jointly by the VMS Application OEM & Storage OEM. The Validation white paper for the same to be submitted as a part for the Storage System Compliance documentation."	<p>We Herby request you to please Amend this Clause as:</p> <p>The Proposed Storage System should be Offered with the required Throughput or IOPS as per the VMS Application requirements for this Particular Project, considering the overall Total Quantity of Cameras in this Project.</p> <p>The reasons for the change in the requested clause is as Follows:</p> <p>i. Even though the Storage System has been tested &amp; validated Jointly by the VMS Application OEM &amp; Storage, it is highly unlikely that the Throughput or IOPS requirements (During the tests &amp; validation) is similar to the current Project requirements, thus even though the Storage System and VMS Application has been tested &amp; validated, it would be of no use for the Current Project.</p> <p>ii. It might also be a case wherein a Storage System is Validated with a Particular VMS Application OEM but the Test &amp; Validation might be done for different Quantities of Cameras, at different Resolutions &amp; Frame Rates &amp; for different Recording Retention Periods, which largely affects the Throughput or IOPS of the Storage &amp; that the testing or Validation may be done for Lesser quantity of Cameras as compared to the current project requirements.</p> <p>iii. It might also happen that for the Current Storage System requirements, the Proposed Storage System which might be Newly Launched Product may not have been tested and validated with the VMS Application.</p> <p>iv. It might also happen that the Storage System that has already been tested &amp; validated is already End of Life &amp; that the Successor to those Models have not be Validated or tested.</p> <p>v. It might also happen that a particular Model is tested &amp; validated but however for the current project requirements a different higher end Model that is not tested or validated needs to be Proposed, then in this case also the Testing &amp; Validation is of no use.</p> <p>vi. Also with Proposed Storage System tested &amp; validated jointly by the VMS Application, the Permutation &amp; Combination of VMS &amp; Storage as per the Technical of the Current RFP may be Limited to 1 or 2 Brands of VMS &amp; Storage System OEM, which might restrict the Participation of several other OEM's, which might lead to lesser or no Competition.</p> <p>In Lieu of the Above points we hereby request you to please Amend the Clause as stated above, so that a Proposed Storage is at par with the Current &amp; future Project Requirements.</p>	The System integrator has to test and validate the Bandwidth mentioned for VMS application compatibility with the storage as per the total requirement of the project for 750 cameras.	M/s BTPL

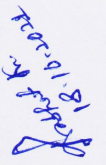
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S. No	Section No	Page No	Point No	Content of RFP requiring Clarification(s)	Points of clarification	BRB Comment	Rised by
158			Page No:87 12)Storage Validation Test report	Storage OEM should have a test & validation document supporting the bandwidth mentioned with the VMS application supplied by the bidder	<p>We Herby request you to please Amend this Clause as:</p> <p>The Proposed Storage System should be Offered with the required Throughput or IOPS as per the VMS Application requirements for this Particular Project, considering the overall Total Quantity of Cameras in this Project.</p> <p>The reasons for the change in the requested clause is as follows:</p> <p>i. Even though the Storage System has been tested &amp; validated jointly by the VMS Application OEM &amp; Storage, it is highly unlikely that the Throughput or IOPS requirements (During the tests &amp; validation) is similar to the current Project requirements, thus even though the Storage System and VMS Application has been tested &amp; validated, it would be of no use for the Current Project.</p> <p>ii. It might also be a case wherein a Storage System is Validated with a Particular VMS Application OEM but the Test &amp; Validation might be done for different Quantities of Cameras, at different Resolutions &amp; Frame Rates &amp; for different Recording Retention Periods, which largely affects the Throughput or IOPS of the Storage &amp; that the testing or Validation may be done for Lesser quantity of Cameras as compared to the current project requirements.</p> <p>iii. It might also happen that for the Current Storage System requirements, the Proposed Storage System which might be Newly Launched Product may not have been tested and validated with the VMS Application.</p> <p>iv. It might also happen that the Storage System that has already been tested &amp; validated is already End of Life &amp; that the Successor to those Models have not be Validated or tested.</p> <p>v. It might also happen that apticular Model is tested &amp; validated but however for the current project requirements a different higher end Model that is not tested or validated needs to be Proposed, then in this case also the Testing &amp; Validation is of no use.</p> <p>vi. Also with Proposed Storage System tested &amp; validated jointly by the VMS Application, the Permutation &amp; Combination of VMS &amp; Storage as per the Technical of the Current RFP may be Limited to 1 or 2 Brands of VMS &amp; Storage System OEM, which might restrict the Participation of several other OEM's, which might lead to lesser or no Competition.</p> <p>In Lieu of the Above points we hereby request you to please Amend the Clause as stated above, so that a Proposed Storage is at par with the Current &amp; future Project Requirements.</p>	The System integrator has to test and validate the Bandwidth mentioned for VMS application compatibility with the storage as per the total requirement of the project for 750 cameras.	M/s.BTPL

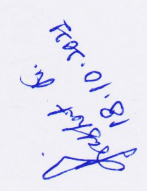
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S. No	Section No	Page No	Point No	Content of RFP requiring Clarification(s)	Points of clarification	BRB Comment	Raised by
159			Page:86	6. VMS Validation on the Storage System  The Proposed Storage System should be tested and validated jointly by the VMS Application OEM & Storage OEM. The Validation white paper for the same to be submitted as a part for the Storage System Compliance documentation.	We Herely request you to please Amend this Clause as:  The Proposed Storage System should be Offered with the required Throughput or IOPS as per the VMS Application requirements for this Particular Project, considering the overall Total Quantity of Cameras in this Project. The reasons for the change in the requested clause is as Follows: i. Even though the Storage System has been tested & validated jointly by the VMS Application OEM & Storage, it is highly unlikely that the Throughput or IOPS requirements (During the tests & validation) is similar to the current Project requirements, thus even though the Storage System and VMS Application has been tested & validated, it would be of no use for the Current Project. ii. It might also be a case wherein a Storage System is Validated with a Particular VMS Application OEM but the Test & Validation might be done for different Quantities of Cameras, at different Resolutions & Frame Rates & for different Recording Retention Periods, which largely affects the Throughput or IOPS of the Storage & that the testing or Validation may be done for Lesser quantity of Cameras as compared to the current project requirements. iii. It might also happen that for the Current Storage System requirements, the Proposed Storage System which might be Newly Launched Product may not have been tested and validated with the VMS Application. iv. It might also happen that the Storage System that has already been tested & validated is already End of Life & that the Successor to those Models have not be Validated or tested. v. It might also happen that a particular Model is tested & validated but however for the current project requirements a different higher end Model that is not tested or validated needs to be Proposed, then in this case also the Testing & Validation is of no use. vi. Also with Proposed Storage System tested & validated jointly by the VMS Application, the Permutation & Combination of VMS & Storage as per the Technical of the Current RFP may be Limited to 1 or 2 Brands of VMS & Storage System OEM, which might restrict the Participation of several other OEM's, which might lead to lesser or no Competition. In Lieu of the Above points we hereby request you to please Amend the Clause as stated above, so that a Proposed Storage is at par with the Current & future Project Requirements.	The System integrator has to test and validate the Bandwidth mentioned for VMS application compatibility with the storage as per the total requirement of the project for 750 cameras.	M/s. I2V Sys

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Prabhat Kumar  
20.05.2018

B. V. SYAMPRASAD (AGM)

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S. S. KUDE (AGM)

S. M. FAWLE (DGM)



S. No	Section No	Page No	Point No	Content of RFP requiring Clarification(s)	Points of clarification	BBB Comment	Raised by
160			Page: 87	<p>12. Storage Validation Test report VMS Validation on the Storage System</p> <p>The Proposed Storage System should be tested and validated jointly by the VMS Application OEM &amp; Storage OEM. The Validation white paper for the same to be submitted as a part for the Storage System Compliance documentation.</p> <p>Storage OEM should have a test &amp; validation document supporting the bandwidth mentioned with the VMS application supplied by the bidder</p>	<p>We hereby request you to please Amend this Clause as: The Proposed Storage System should be Offered with the required Throughput or OPS as per the VMS Application requirements for this Particular Project, considering the overall Total Quantity of Cameras in this Project.</p> <p>The reasons for the change in the requested clause is as follows: i. Even though the Storage System has been tested &amp; validated jointly by the VMS Application OEM &amp; Storage, it is highly unlikely that the Throughput or OPS requirements (During the tests &amp; validation) is similar to the current Project requirements, thus even though the Storage System and VMS Application has been tested &amp; validated, it would be of no use for the Current Project.</p> <p>ii. It might also be a case wherein a Storage System is Validated with a Particular VMS Application OEM but the Test &amp; Validation might be done for different Quantities of Cameras, at different Resolutions &amp; Frame Rates &amp; for different Recording Retention Periods, which largely affects the Throughput or OPS of the Storage &amp; that the testing or Validation may be done for Lesser quantity of Cameras as compared to the current project requirements.</p> <p>iii. It might also happen that for the Current Storage System requirements, the Proposed Storage System which might be Newly Launched Product may not have been tested and validated with the VMS Application.</p> <p>iv. It might also happen that the Storage System that has already been tested &amp; validated is already End of Life &amp; that the Successor to those Models have not be Validated or tested.</p> <p>v. It might also happen that a particular Model is tested &amp; validated but however for the current project requirements a different higher end Model that is not tested or validated needs to be Proposed, then in this case also the Testing &amp; Validation is of no use.</p> <p>vi. Also with Proposed Storage System tested &amp; validated jointly by the VMS Application, the Permutation &amp; Combination of VMS &amp; Storage as per the Technical of the Current RFP may be Limited to 1 or 2 Brands of VMS &amp; Storage System OEM, which might restrict the Participation of several other OEM's, which might lead to lesser or no Competition.</p> <p>In Lieu of the Above points we hereby request you to please Amend the Clause as stated above, so that a Proposed Storage is at par with the Current &amp; future Project Requirements.</p>	<p>The System integrator has to test and validate the Bandwidth mentioned for VMS application compatibility with the storage as per the total requirement of the project for 750 cameras.</p>	M/s. 12Vsys

For: 01.83  
Prabhat Kumar (AGM)

B. V. SYAPRA (AGM)

S. A. RAHIM (DCM)

S. S. KUDR (AGM)

S. M. PAW (AGM)

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