

ELECTRICAL DIVISION  
MECHANICAL ENGINEERING DEPARTMENT  
NEW MANGALORE PORT AUTHORITY  
**RESPONSE TO THE PREBID QUERIES RECEIVED THROUGH CPP PORTAL**

**NAME OF THE WORK :** SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF ADDITIONAL CCTV CAMERAS AND ALLIED WORKS AT NMPA PREMISES INCLUDING COMPREHENSIVE MAINTENANCE CONTRACT FOR 3 YEARS (AFTER 2 YEARS WARRANTY PERIOD) AND ONSITE SUPPORT FOR 5 YEARS

Sl. No.	Tender Clause and page No.	Existing Clause	Query	NMPA Response
1.	5.2 TECHNICAL COMPLIANCE "5 MP BULLET VARI-FOCAL with WDR" -SI No: 5, Page No. 62	<b>Auto IRIS</b> : P-iris	Many OEM provides DC Iris in IP camera so for fair competition kindly change the requirement P- iris or DC iris.	Tender Condition Holds Good.
2.	5.2 TECHNICAL COMPLIANCE "5 MP BULLET VARI-FOCAL with WDR" -SI No: 12, Page No. 62	<b>Users</b> : Live viewing for up to 10 clients	Normally, there is one site used for recording and another site used for live viewing in VMS. Two streams thus satisfy the criteria. So please clarify what is needed for live competition for up to 10 If not necessary, please replace the clause to a maximum of six or more.	Live viewing for 6 or more clients shall be considered.
3.	5.2 TECHNICAL COMPLIANCE "5 MP BULLET VARI-FOCAL with WDR" -SI No: 16, Page No. 62	<b>Edge Analytics</b> : Intrusion detection, loitering detection, line crossing detection, unattended object detection, missing object detection, face detection, crowd detection, running detection	Camera provide various analytics, so consider any 5 analytics from camera; remaining analytics, such as loitering detection, face detection, crowd detection, and running detection, may be fully satisfied from your VMS software end as loitering detection, face detection, crowd detection, and running detection, may be fully satisfied from your VMS software end.	The analytics mentioned in the Tender Document shall be achieved either through edge analytics or through VMS. All license required for analytics are in the scope of the Contract.
4.	5.2 TECHNICAL COMPLIANCE "4 MP-200 Meter PTZ Camera" -SI No: 8, Page No. 63	PAN Speed : Pre-set Speed – 350 deg/sec	Pan speed: configurable from 0.1° to 160°/s; pre-set speed: 240°/s PAN speed 300° /S for PTZ camera it's usually not recommended due to high PAN speed could cause motor damage. Hence kindly amend it as Pan speed 240 °/S or better	PAN Speed : Pre-set Speed – 240 deg/sec or better shall be considered.

Sl. No.	Tender Clause and page No.	Existing Clause	Query	NMPA Response
5.	5.2 TECHNICAL COMPLIANCE “4 MP-200 Meter PTZ Camera” -SI No: 10, Page No. 63	Tilt Speed: Pre-set Speed – 350 deg/sec	Tilt speed: configurable from 0.1° to 120°/s, pre-set speed 200°/s ,Tilt speed 300° /S for PTZ camera it’s usually not recommended due to high Tilt speed could cause motor damage. Hence kindly amend it as Pan speed 200 °/S or better	Tilt Speed: Pre-set Speed – 200 deg/sec or better shall be considered
6.	5.2 TECHNICAL COMPLIANCE “4 MP-200 Meter PTZ Camera” -SI No: 30, Page No. 64	<b>Alarm Triggers:</b> Camera tampering detection, <b>cyber security events</b> , digital input. manual trigger, motion detection, recording notification, smart tracking trigger, system boot	Kindly give more information for cyber security events, camera supports alarm output interface which can trigger as per events happened.	<b>Alarm Triggers:</b> Camera tampering detection, digital input. manual trigger, motion detection, recording notification, smart tracking trigger, system boot, <b>cyber security events</b> –malicious access
7.	5.2 TECHNICAL COMPLIANCE “4 MP-200 Meter PTZ Camera” -SI No: 33, Page No. 65	<b>Casing:</b> IP66, IK10, NEMA 4X	NEMA 4X/IP66 Enclosures constructed for either indoor or outdoor use with a dust-tight, water-tight seal to protect against windblown dust and rain, splashing water, hose-directed water, and damage from external ice formation. Thus requesting to amend the clause of NEMA 4X / IP66,IK10	These cameras are intended to be used in Port/Sea Shore Environment. IP66, IK10, NEMA 4X or Equivalent Indian certification shall be considered.
8.	5.2 TECHNICAL COMPLIANCE “RADIO DEVICE WITH INTEGRATED ANTEENA” -SI No: 11, Page No. 84	<b>Distance Coverage :</b> Support up to 50 Kms	50 Km is not possible with Integrated antenna.	The radio device with integrated antenna should have distance coverage not less than 15 km. However, site visit is recommended for proposing the adequate Radio device with Antenna for functionality of the overall CCTV network.
9.	5.2 TECHNICAL COMPLIANCE “RADIO DEVICE WITH INTEGRATED ANTEENA” -SI No: 16, Page No. 85	Interfaces : Should have 1 Gigabit Ethernet and 1 SFP port	SFP port should be allowed at IDU	SFP port support shall be considered at ODU/IDU subject to fulfilling the functional requirement of the project.

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10.	5.2 TECHNICAL COMPLIANCE "RADIO DEVICE WITH INTEGRATED ANTEENA" -SI No: 30, Page No. 85	Certificates : FCC Part 15E RSS 247 Issue 2: Consider WPC ETA Indian EN 302 502; EN 301 893	Consider WPC ETA Indian certification	Equivalent Indian Certification shall be Considered.
11.	5.2 TECHNICAL COMPLIANCE "RADIO DEVICE WITH DISH/SECTOR Antenna" -SI No: 29, Page No. 87	Certification: Product should have CE, FCC, and IC Certification. Certification	Consider WPC ETA Indian certification	Equivalent Indian Certification shall be Considered.
12.	5.2 TECHNICAL COMPLIANCE "RADIO DEVICE WITH INTEGRATED ANTEENA" -SI No: 32, Page No. 87 & 88	<ul style="list-style-type: none"> <li>• Antenna gain should be 31 dbi</li> <li>• Product should have an in- built spirit level for alignment on the tower</li> <li>•Product should have not less than 35dB cross Polarization Isolation</li> <li>• Protective preferred Random</li> </ul>	<ul style="list-style-type: none"> <li>•Consider 29 dbi</li> <li>•can be provided separately</li> <li>•&gt;30 dB</li> <li>• Protective Random is not available with 5GHz microwave LOS antenna</li> </ul>	<ul style="list-style-type: none"> <li>• Antenna gain should not be less than 29 dbi</li> <li>• Product should have a spirit level for alignment on the tower</li> <li>• Cross polarization isolation shall be greater than 30 dB</li> <li>• Deleted (Protective preferred Random)</li> </ul>
13.	5.2 TECHNICAL COMPLIANCE "Client Radio" -SI No: 26, Page No. 89	<b>Shock &amp; Vibration</b> :Product should have CE, FCC, IC Certification	Consider WPC ETA certification Indian	CE, FCC, IC or equivalent Indian certificates will be considered.
14.	5.1 Scope of work, Sl. No. 1, Page No. 52	Existing H.264 cameras- 106 units of cameras with 2MP Resolution & migrate with H.265 compression and above.	Kindly please Confirm if the Existing 106 Cameras Support H.265 Compression. If H.265 Compression is Not Supported then Migration wouldn't be possible & have to Configured on H.264 Compression which would require more Storage as compared to H.265.	Existing cameras support H.264 & H.265 compression.
15.	5.1 Scope of work, Sl. No. 39 (C), Page No. 55	The camera servers should be the front-end recording of all cameras for 7 days Minimum on RAID 6. If either	Both of these Clause are in Contradiction to each other. In Clause C, Failover Functionality is sought & in Clause D Parallel Recording Functionality is Sought. Kindly please Clarify if Failover Functionality is Sought or Parallel Recording is required.	Tender Condition Holds Good.

Sl. No.	Tender Clause and page No.	Existing Clause	Query	NMPA Response
		<p>PRIMARY or SECOUNDARY recording servers fails, the recorded footage should be AUTO Consolidated with seamless integration between PRIMERY &amp; SECONDARY recording servers without loss in recorded data. In any point of time recorded footage should be available for continuous play back at the client systems.</p>		
16.	5.1 Scope of work, Sl. No. 39 (D), Page No. 55	<p>The video stream should be recorded parallel in both i.e. Recording Server and SAN storage without interruption or delay. In case of loss of video to SAN storage due to any failure, there shall be provision to sync &amp; update the data from recording server for the failure duration. The video stream should be recorded parallel in both i.e. Recording Server and SAN storage without interruption or delay. In case of loss of video to SAN storage due to any</p>		Deleted clause No. 39 (D), Page No. 55

Sl. No.	Tender Clause and page No.	Existing Clause	Query	NMPA Response
		failure, there shall be provision to sync & update the data from recording server for the failure duration.		
17.	5.1 Scope of work, Sl. No. 39 (D), Page No. 55	The video stream should be recorded parallel in both i.e. Recording Server and SAN storage without interruption or delay. In case of loss of video to SAN storage due to any failure, there shall be provision to sync & update the data from recording server for the failure duration. The video stream should be recorded parallel in both i.e. Recording Server and SAN storage without interruption or delay. In case of loss of video to SAN storage due to any failure, there shall be provision to sync & update the data from recording server for the failure duration.	The Video Stream Recording is ideally done to the SAN Storage through the Video Recording Server, & that it Video Recording cannot be Configured to directly stream to SAN Storage, thus we understand for Parallel Recording, 2 Recording Server & 2 SAN Storage needs to be Proposed. Please Confirm if Understanding is Correct.	Existing system in NMPA has one NAS storage of 200 TB, which will be used in the secondary recording server. SAN Storage of 1.2 PB required as per the BOQ and Tender Technical Specifications.
18.	5.1 Scope of work, Sl. No. 39 (G), Page No. 55	Existing Storage reconfiguration of 200 TB for recording of 300 Nos cameras of 4MP and above for 90 days recording at a Existing	We Understand that 1200TB Additional Storage needs to be Supplied in Addition to the Already Existing 200TB NAS	Please refer NMPA response of Sl. No. 17

Sl. No.	Tender Clause and page No.	Existing Clause	Query	NMPA Response
		200TB NAS. compression of H.265 and above with Raid 6 configuration considering 25 FPS and 100% activity level for recording minimum 1920X1080 pixel Full HD resolution. Minimum 1200TB usable storage after Raid 6 configuration.		
19.	5.2 TECHNICAL Compliances, "Video Management System", Sl. No. 3.13, Page No. 74	The proposed VMS platform must be UL 2900- 2-3 Level 3 OR STQC Certification issued by Ministry of Electronics and Information Technology, Government of India.	<p>We Hereby request you to Kindly amend this clause as UL 2900-2- 3 Level 3 Certificate for Cyber security or STQC or The Offered Video Management Software undergone Audit as per OWASP Top 10 Vulnerabilities &amp; must Possess a Valid Application Audit Certificate from CERT-IN a Empanelled Government Auditor for the VMS Application, to Mitigate Cyber Security Attacks. Just like STQC, C-DAC is also Cert-In Empanelled Govt. Auditor &amp; is responsible for Preforming Software Auditing. Thus we are requesting the changes.</p> <p>We Hereby request you to Kindly amend this clause as UL 2900-2- 3 Level 3 Certificate for Cyber security or STQC or The Offered Video Management Software undergone Audit as per OWASP Top 10 Vulnerabilities &amp; must Possess a Valid Application Audit Certificate from CERT-IN a Empanelled Government Auditor for the VMS Application, to Mitigate Cyber Security Attacks. Just like STQC, C-DAC is also Cert-In Empanelled Govt. Auditor &amp; is responsible for Preforming Software Auditing. Thus we are requesting the changes.</p> <p>Since we are an Indian Organization with the VMS Application completely developed in India, follow Cert-IN we Guidelines for Cyber Security Safety Measure. Thus</p>	<p>The proposed VMS platform must be UL 2900- 2-3 Level 3 <b>OR</b> STQC Certification issued by Ministry of Electronics and Information Technology, Government of India <b>OR</b> Audit Certificate from CERT-IN Empanelled Government Auditor for the VMS Application</p>

Sl. No.	Tender Clause and page No.	Existing Clause	Query	NMPA Response
			<p>Allow the Audit Certificate from a Cert-In Empanelled Cert-IN Govt. Auditor.</p> <p>The Indian Computer Emergency Response Team (CERT-In) is an office within the Ministry of Electronics and Information Technology of the Government of India. It is the nodal agency to deal with cyber security threats like hacking and phishing. It strengthens security-related defence of the Indian Internet domain. CERT-In is an Acronym for "Indian Computer Emergency Response Team". CERT-In is the National Incident Response Center for major Computer Security Incidents in it's Constituency i.e. Indian Cyber Community.</p>	
20.	5.2 TECHNICAL Compliances, "FRS & PEOPLE COUNTING ANANLYTICS COMPLIANCE", Sl. No. 2 & 3, Page No. 75	1) Facial Recognition - 2 Nos 3 2) People Count - 2 Nos	We Understand that Facial Recognition & People Counting License are required only for 2 Nos. each. Kindly please Confirm is the Understanding is Correct.	It is correct. Tender conditions holds good.
21.	5.2 TECHNICAL Compliances, "FRS & PEOPLE COUNTING ANANLYTICS COMPLIANCE", Sl. No. 4, Page No. 75	The Platform should be single Video Analytics Platform/Engine which will have different Video Analytics modules like PPE, Advance Intrusion, FRS, ANPR, People Count, Object Search video analytics on the same platform	We Understand that a Single Video Analytics Platform/Engine is sought which Support Multiple Video Analytics Modules like PPE, Advanced Intrusion, FRS, ANPR. People Count, Object Search Etc. However the Analytics that needs to be Offered are Just FRS & people Count, Please Confirm if our Understanding is Correct.	It is correct. Tender conditions holds good.
22.	5.2 TECHNICAL Compliances, "FRS & PEOPLE COUNTING ANANLYTICS COMPLIANCE", Sl. No. 17, Page No. 77	Integrated to major VMS like Genetec, Milestone etc.	This Clause is Restrictive, we hereby request you to delete this Clause as it is Limiting the Participation of only those OEM's who have the Integration with Genetec & Milestone.	Proposed Video Analytics platform should be integrated with the proposed VMS.

Sl. No.	Tender Clause and page No.	Existing Clause	Query	NMPA Response
23.	5.2 TECHNICAL Compliances, "FRS & PEOPLE COUNTING ANANLYTICS COMPLIANCE", Sl. No. 23, Page No. 77	Minimum of 35000+ Video Analytics licenses should be implemented worldwide.	This Clause is restrictive.  The Pre-Qualification is very vaguely defined here, as the No. of requirements of Facial Recognition & People Count analytics is just 2 unit each, however the tender asks for PQ of 35000+ Units. The above PQ's asked in the tender are way much higher than the tender Requirement quantity, with this PQ it is clearly & notably visbile that these clauses are being favored to a specific brand/OEM & that it is in Gross Violation of the GFR Guidelines. We Understand that to have a reputed Competent, & capable firms with proper track records, the OEM should have Experience with Min. 10-15% of Product Quantity within this tender.	<b>Deleted</b> Sl. No. 23, Page No. 77
24.	5.2 TECHNICAL Compliances, "FRS & PEOPLE COUNTING ANANLYTICS COMPLIANCE", Sl. No. 32, Page No. 78	The Facial Recognition OEM should conform to latest NIST Standard	We Hereby request you to Kindly please Delete this Clause as it is Restrictive & Limiting the Participation of Several OEM's.  Please refer to the Advisory 18 which has been published by the Ministry of Housing & Urban Affairs, which clearly states that Restricting the Participating to Bidder's who are listed with Non- Government Global Certification Entities vis. Gartner/IDC/Navigant/Forester/IHS & Others shall be Avoided.  Thus Considering the Above Arguments, & since this Clause is Restrictive, thus requesting you Kindly remove NIST Certificate for Facial Recognition Software OEM.	The Facial recognition OEM should conform to latest tests, certified standards from any reputed certified labs/agencies.
25.	5.1 Scope of work, Sl. No. 1, Page No. 52	Existing H.264 cameras – 106units of cameras with 2MP Resolution & migrate with H.265 compression and above.	Request you to share Make & Model of Existing cameras that need to migrate	Site visit is recommended.
26.	5.1 Scope of work, Sl. No. 1, Page No. 52	Existing H.264 cameras – 106units of cameras with 2MP Resolution &	A. Kindly share existing Infrastructure of CCTV. B. Please confirm whether CCTV network infrastructure is going to work stand alone or need to merge it with IT	A. Site visit is recommended. B. CCTV network will be stand alone



Sl. No.	Tender Clause and page No.	Existing Clause	Query	NMPA Response
		migrate with H.265 compression and above.	Network? C. Existing Network Infrastructure details will be required.	C. Site visit is recommended.
27.	5.1 Scope of work, Sl. No. 31, Page No. 54	During up gradation of Proposed Solution the existing CCTV wired/Wireless Network should not interrupt with any data connectivity to the above said systems.	Please confirm existing wireless network is stand alone or based? Can we propose wired network instead of wireless network for better stability and performance.	Existing wireless network is stand alone. Tender condition holds good.
28.	5.1 Scope of work, Sl. No. 32, Page No. 54	Consider existing server to utilize/configured Active directory, Antivirus server, DNS Servers & etc.	Request you to share below details. A. Existing storage area is Server or NVR? B. Make C. Model/Version	A. Server B: Dell C: Dell EMC R740 Power Edge
29.	5.1 Scope of work, Sl. No. 39 (A), Page No. 55	Design for Existing NAS storage reconfiguration & installation, testing and commissioning of servers required for managing live and recording of 300 cameras considering the hot redundancy of servers	Request you to share details of existing server A. Make B. Model C. Specifications	A. Dell Server (02 Nos.) B. Dell EMC R740 Power Edge C. Processor: Intel (R) Xenon (R) Silver 4110, CPU@2.10Ghz, RAM, 96GB each, System 64 bit OS, Windows Server 2016
30.	5.1 Scope of work, Sl. No. 41, Page No. 56	Up-gradation of Video Management Software or New VMS.	Request you to share details of existing VMS A. Make B. Model	A. Videonetics B. version 1.3.0.2
31.	5.1 Scope of work, Sl. No. 27, Page No. 54	The proposed solution should be able to generate various standard/ customized reports for event analysis / reporting purposes. Analytics report such as Facial Recognition &	A. Is this solution required at all locations or few particular locations? B. Any facial recognition/people count system is already installed/ongoing there?	A. All Locations B. New Requirement

Sl. No.	Tender Clause and page No.	Existing Clause	Query	NMPA Response
		People Count reports are required.		
32.	5.2 TECHNICAL COMPLIANCE “5 MP BULLET VARI-FOCAL with WDR” -SI No: 16, Page No. 62	<b>Edge Analytics</b> : Intrusion detection, loitering detection, line crossing detection, unattended object detection, missing object detection, face detection, crowd running detection	<b>Justification:</b> Some of the analytics asked in the technical specification seems to favour a single OEM and can be supported through the VMS, but asking all the analytics on Edge is restricting Domestic OEM from Participation in this requirement. So request you to dilute the specification or allow these analytics through VMS for wider Participation.  <b>Request to add:</b> Edge Analytics: Intrusion detection, loitering detection, line crossing detection, unattended object detection, missing object detection, face detection. Crowd detection, running detection supported through VMS.	The analytics mentioned in the Tender Document shall be achieved either through edge analytics or through VMS. All license required for analytics are in the scope of the Contract.
33.	5.2 TECHNICAL COMPLIANCE “5 MP BULLET VARI-FOCAL with WDR” & “4MP-200 Meter PTZ camera” - SI No: 20, Page No. 63 and Sl. No. 34, Page No. 65	<b>5 MP BULLET VARI-FOCAL with WDR :</b> Safety Certifications: CE, FCC, UL, NEMA 4X or equivalent certification from Indian Class  <b>4MP- 200 Meter PTZ camera :</b> Safety Certifications: CE, FCC class A, NEMA 4X, UL or equivalent certification from Indian Class	<b>Justification:</b> UL Certification is equivalent to BIS (Indian Standard Certification) and as per the Office Memorandum No: P- 45021/65/2019-BE-II (47608) issued by DPIIT says that BIS has confirmed Indian Standard BIS is equivalent to UL/CE and all the procuring entites shall indicate BIS Standard only in the procurement of CCTV Cameras, Supporting document is attached below for your reference.  NEMA 4X is foriegn certificate and equivalent to IP 66 Certificate and asking both the certificate is restricting Domestic Manufacturers from participation the said tender.  <b>Request to add:</b> CE, FCC, UL/BIS, NEMA 4X/IP 66 or Equivalent certification from Indian Class	As these cameras have to be used in Port/Sea Shore Environment Safety Certifications are our functional requirement. Where in CE, FCC, UL/BIS, NEMA 4X or Equivalent Indian certification shall be considered.
34.	5.2 TECHNICAL COMPLIANCE “5 MP BULLET VARI-FOCAL	Auto-iris : P-iris	<b>Justification:</b> Asking lens Auto-iris: P-iris lens is specific to single OEM and restricting Domestic Manufacturers and it will not	Tender Condition holds good.

Sl. No.	Tender Clause and page No.	Existing Clause	Query	NMPA Response
	with WDR” -SI No: 5, Page No. 62		impact the functional requirement of the solution, so request you to generalize the same for wider participation Request to add: Auto-iris: P-Iris/ DC - Iris	
35.	5.2 TECHNICAL COMPLIANCE “4MP-200 Meter PTZ camera” - SI No: 5, Page No. 63	Focal Length f = 5.0 ~ 150mm or 6.91 - 214.64 mm, + or - 5 variable	Justification: Every manufacturers uses different lens to achieve the required optical and digital Zoom requirement, so specifying focal length is restricting domestic Manufacturers as the given focal length is not universal and favouring some specific OEM. Request to add: Focal Length: f = 5.0 ~ 150mm or 6.91 - 214.64 mm, + or - 10 variable	As variable range is mentioned. Tender condition holds good
36.	5.2 TECHNICAL COMPLIANCE “4MP-200 Meter PTZ camera” - SI No: 10, Page No. 63	Tilt Speed : Pre-set Speed : 350 deg/sec	Justification: 350deg/sec preset speed is specific to single OEM and restricting Domestic Manufacturers and it will not impact the functional requirement of the solution, so request you to generalize the same for wider participation Request to add: Tilt Speed - Preset Speed: 320deg/sec	Please refer NMPA response for sl. No. 4
37.	5.2 TECHNICAL COMPLIANCE “4MP-200 Meter PTZ camera” - SI No: 11, Page No. 63	Tilt Range: -20 to 90 deg (auto flip)	Justification: Tilt Range: -20 to 90deg (auto flip) is specific to single OEM and restricting Domestic Manufacturers and it will not impact the functional requirement of the solution, so request you to generalize the same for wider participation. Request to add: Tilt Range: 0 to 90deg (auto flip)	Tilt Range: 0 to 90 deg (auto flip) will be considered.
38.	5.2 TECHNICAL COMPLIANCE “4MP-200 Meter PTZ camera” - SI No: 32, Page No. 65	Power Input: IEEE 802.3 Class 3/4/5 PoE, DC 48V, AC 24V (Simultaneous Power Redundancy Supported) or suitable	Justification: Our camera has a feature of Power Off Memory that says whenever the Power is restore the Camera will automatically regain all its settings and parameters automatically and as per our understanding Simultaneous Power Redundancy Supported is the same, please confirm. Request to add: Power Input: IEEE 802.3 Class 3/4/5 PoE, DC 48V, AC 24V (Simultaneous Power Redundancy / Power Off Memory Supported) or suitable	Power Redundancy is NMPA requirement. Tender condition holds good
39.	--	--	Justification: To ensure the company has made serious investment in India and has capabilities to deliver such critical projects.	Tender condition holds good

Sl. No.	Tender Clause and page No.	Existing Clause	Query	NMPA Response
			Request to add: CCTV OEM should be active company and should have direct presence in India from last ten years (not as joint venture, partnership firms or through any other association) & manufacturing in India since last Five years (not as joint venture, partnership firms or through any other association) (3rd Party Manufacturing not allowed) and Foreign CCTV OEM should have manufacturing unit globally from last 10 Years at the time of bidding. Documentary evidence should be submitted	
40.	Annexure-14, Page No. 150	Annexure-14, Country Sharing Land and Border Declaration,	<p>Justification: As per the Office Memorandum issued by DPIIT Dated: 8th Feb 2021, for Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs) 2017, any Company/Bidder/OEM from a country that shares the land border with India will be eligible to bid in any procurement whether of goods, services or works only if the Company/Bidder/OEM is registered with the Competent Authority, So request you to add this clause in the tender document to restrict participation from such companies who shares land border with India , as they are security threats for National Security.</p> <p>Request to add: Bidder shall ensure compliance to the Office Memorandum for insertion of Rule 144 (xi) in the General Finance Rules (GFR)-2017 bearing reference number F.No. 6/18/2019-PPD dated 23 July 2020 or latest, by the Public Procurement Division, Department of Expenditure, Ministry of Finance. Non- compliant bid(s) will be summarily rejected. The OEM should not have any common directors who are also on the board of companies having beneficiaries from land border countries at the time of bidding. The camera OEM must submit declaration regarding their own manufacturing setups and shall not have 3rd party manufacturing from any company blacklisted in India or any company sharing land border with India. The IPR/copyright of source code of</p>	Please refer Annexure-14 of the Tender Document. Which has to be complied by the bidders from a Country who shares land and border with India, if the Company/Bidder/OEM is registered with the Competent Authority.

Sl. No.	Tender Clause and page No.	Existing Clause	Query	NMPA Response
			firmware/software etc. should not reside in countries sharing land borders with India. OEM should submit supporting document to establish proof of this eligibility criteria.	
41.	--	--	H.264/H.265 Video Compression are Patent technologies to ensure that CCTV OEMs provide license based products as required for government projects. <b>Request to add:</b> The camera OEM should be a genuine manufacturer and should be an official valid H.265 HEVC and H.264 AVC Certificate and should be listed on HEVC website at the time of submitting bid. They should be paying the licensed fee for using the genuine HVEC Compression legally. The same will be verified at the time of bidding	Tender condition holds good
42.	--	--	In the event that any Damages to items due to vandalism (physical Majeure attack by public, tampering of equipment by customer staff and damage due to accidents) or due to Force Majeure events (such as earthquake, fire, natural calamities, pandemic, war, act of God) of any kind during Warranty Period and Maintenance Period shall be the liability of <b>New Mangalore Port Authority</b> . In such case, <b>New Mangalore Port Authority</b> /Authority shall request the System Integrator to repair/replace the damaged unit and reinstall the same. All costs towards the same shall be reimbursed by <b>New Mangalore Port Authority</b> /Authority to the System Integrator less of insurance proceeds if need of replacement so arise then replacement shall be on tender rates only.	Tender condition holds good
43.	--	--	Where SI incurs additional cost due to a delay to the date of completion (need to be agreed) from the date of PO/Work Order caused by <b>New Mangalore Port Authority</b> or their suppliers or their sub-contractors then SI shall be entitled to claim extension of time along with additional delay costs for such delay. Such conditions could be unavailability of site/partial availability of	Tender condition holds good

Sl. No.	Tender Clause and page No.	Existing Clause	Query	NMPA Response
			site/delay in getting ROW/delay in getting electrical meter etc.	
44.	2. Instructions to Bidders, Clause No. 2.4.3, Page No. 13 & 14	Requirements of JV bidding	As we seeing in the RFP document, no information is given regarding Consortium Clause only Annexure format is given. Request you to please confirm whether Consortium is allowed or not. If consortium is allowed please confirm how many consortium members are allowed. <b>So please confirm the criteria for the same.</b>	Ref Tender Document clause no. 2.4.3. Tender condition holds good
45.	--	--	The Company shall under no circumstances be liable for any loss, damage, expense or delay to the goods for any reason whatsoever when said goods are in custody, possession or control of the customer.	Tender condition holds good
46.	2. Instructions to Bidders, Clause No. 2.20, Page No. 20 & 21	i. Performance security for PART-I (Supply, Installation, Testing & Commissioning): ii. Performance Security for PART II (CAMC) iii. Performance Security for PART III (onsite support/Manpower)	We request you to kindly consider 2 Separate PBGs for CAPEX & OPEX Period: PBG 1 : 3% of CAPEX Value PBG 2: 3% of OPEX Value PBG Submitted during CAPEX shall be returned after Implementation Period.	Tender condition holds good
47.	3. General Conditions of Contract, clause no. 3.29 PAYMENTS, Page No. 34 & 35	A. Payment of PART-I B. Payment of PART-II & III	As it is a capex model bid hence bidder's maximum financial blockage is in implementation phase thus to avoid the burden on the bidder, We request you please change the payment terms as below:- 1). 80% (Eighty percent) on supply Item against receipt of material at site in good condition after the inspection and certification to release the payment by third party. 2). 10% (Ten percent) of supplied item rate after completion of Installation, Testing and commissioning etc. and 90% (Ninety Percent) of payment against items covering only Installation, Testing and commissioning after the inspection and certification to release the payment by third party.	Tender condition holds good

Sl. No.	Tender Clause and page No.	Existing Clause	Query	NMPA Response
			3). Balance 10% (Ten percent) will be paid on successful completion of the work and issue of Taking Over Certificate in respect of the subject works and acceptance of Performance Security Deposit.	
48.	--	--	<b>Request you to provide the locations along with the latitude and longitude</b> for installation of the RFP components. This would help in a fast implementation.	Panambur, Mangalore
49.	5.1 Scope of work, Sl. No. 15, Page No. 53	The system offered should provide 99.99% uptime and no data is lost. Suitable provision for disaster recovery mechanism should be available.	SLA is very high, as this type of SLA is difficult to achieve in this kind of project where the outdoor environment is not under the bidder's control, So we request you please change the clause as below:- <b>15. The system offered should provide 95.00% uptime and no data is lost. Suitable provision for disaster recovery mechanism should be available.</b>	Tender condition holds good
50.	PART-III, BILL OF QUANTITIES, 4. Supply of NETWORK & ACCESSORIES., Sl. No. 4(h) Page No. 162	4h. Supply and installation of 48 Port 10G Copper with SFP+ ports and accessories.	As lots of OEM's seeking problem in this clause so we request you to please change this clause to: <b>4h). Supply and installation of 2 Nos. 24 Port 10G Copper with SFP+ ports and accessories.</b>	Tender condition holds good
51.	5.1 Scope of work, Sl. No. 15, Page No. 52	Existing H.264 cameras – 106 units of cameras with 2MP Resolution & migrate with H.265 compression and above.	Make and model number required to check the feasibility	Hikvision/Vivotek
52.	5.1 Scope of work, Sl. No. 4, Page No. 52	Up-gradation of Existing wireless network Backhauling from 300 Mbps to 600 mbps at NMPA	Make and model number required to check the feasibility	Wireless units : Make : UBIQUITI, Model LBE-5AC-GEN-2

Sl. No.	Tender Clause and page No.	Existing Clause	Query	NMPA Response
53.	5.1 Scope of work, Sl. No. 39(G), Page No. 55	Existing Storage reconfiguration of 200 TB for recording of 300 Nos Camera of 4MP and above for 90 days recording at a compression of H.265 and above with Raid 6 configuration considering 25 FPS and 100% activity level for recording minimum 1920x1080 pixel full HD resolution. Minimum 1200TB usable storage after Raid 6 configuration	All 300 camera recording to new storage with 1200TB & 211 camera mentioned in the tender document but remaining 89 camera needs to integrate or provisioning.	Minimum 300 Cameras VMS License has to be considered with necessary hardware has to be sized. Currently 211 Cameras will be connected at present.
54.	5.1 Scope of work, Sl. No. 5, Page No. 52	Existing Network Attached Storage (NAS) 200TB shall be considered with proposed Video Management Software to meet tender requirement.	Make and model number required to check the feasibility	Make : Synology Model RX1217RP 10TB X 28 = 280 TB
55.	5.1 Scope of work, Sl. No. 6, Page No. 52	Up-gradation or New Video Management Software is required on Windows Platform to meet H.265 Video Compression for minimum 300 Cameras License is required with future scalability.	Existing VMS details required to check the up gradation.	Make : Videonetics Version : 1.3.0.2



Sl. No.	Tender Clause and page No.	Existing Clause	Query	NMPA Response
56.	5.1 Scope of work, Sl. No. 41 (B), Page No. 56	VMS should support minimum 2019 Windows or above updated Server operating system on Server machine. It should support latest Windows OS on Client machine, independent of what operating system is there in the servers. VMS should support SQL/MySQL/ Oracle DBMS.	VMS support any one Database or all the DB support required.	VMS should support any one Database.
57.	5.2 TECHNICAL Compliances, "FRS & PEOPLE COUNTING ANANLYTICS COMPLIANCE", Sl. No. 6, Page No. 75	The Application should use LINUX/UBUNTU/RED HAT OS ONLY as performance and accuracy is better.	Can we use any other OS like Windows	The bidder shall provide any "Proven Latest" licensed operating system to meet the requirement of the project. Necessary licensing document shall be submitted.
58.	--	--	As the technical specifications of cameras required for supply in this tender seems to particular one OEM which will limit the prospective bidders we kindly request consider general specifications and also give preference to India CCTV Manufacturing companies and their to participate.	Tender condition holds good
59.	--	--	As the technical specifications of cameras is seems to the same technical specifications of existing cameras then at becomes very difficult to other bidders to get authorisation and from the OEM, So we request to modified the technical specifications as generic in order give provide scope for more bidders and to become part of competition.	Tender condition holds good
60.	--	--	Request to extend the last date of bid submission by 15days	Necessary Corrigendum will be issued.