

STATEMENT OF MSEDCL REPLY TO E-MAIL OF QUERIES/REQUESTS OF PROSPECTIVE BIDDERS:

(Tender no. MMC/T-LTM-04/0618)

Sr. No	RPF Page/Point/Section/Clause No.	Tender Terms & Conditions	Queries/Requests of the bidders	MSEDCL Response
1	BIDNOTICE, 3 of 4, (B) Qualification Requirements (QR) for OEM:	6. OEM should have experience of having successfully completed similar work of at least 1000 cameras or more during last 3 years.	Kindly allow 1000 Cameras supply in PSU, Smart City Project, City Surveillance, Oil & GAS, Cement/Fertilizers Manufacturing Plant, Power Plant & critical Areas.	As per RFP
2	BIDNOTICE, 3 of 4, (B) Qualification Requirements (QR) for OEM:	9. The OEM for CCTV camera should have at least 100 employees on its payroll in India. This is to justify that CCTV OEM has made investment in India and is serious about its business in India which will ensure long term after sales support and spare support from the OEM.	Most Top Camera OEM don't have 100 employee strength in India, but you can ask globally more than 1000 employee with local Service center & development support in India. Same will not be also from Group of Companies. The major concern regarding CCTV OEM is the Service & development issues, So please ask next 10-15 years spare & Service support with toll free number in India having last 7-8 years present in India.	As per RFP
3	--	General	Please allow 2-3 weeks extension for tender submission after the corrigendum release.	As per RFP
4	Page no. 67, Qualification Requirements (QR) for OEM:	To be added	1. OEMs of proposed equipment/components should have an office as a registered company in India for last five years as on the bid issuance date. Registered offices by way of Joint ventures, Franchise, agency, distribution partners will not be considered. In case of the company having a foreign parent / holding company, The company shall be a wholly owned subsidiary. Document Required: Undertaking &	As per revised RFP. Refer Corrigendum

Sr. No	RPF Page/Point/Section/Clause No.	Tender Terms & Conditions	Queries/Requests of the bidders	MSEDCL Response
			copies of supporting documents from the Bidder confirming the compliance along with the OEM authorization.	
5	Item No.1 IR Dome IP camera: Page no. 68,Appendix #2 Technical Specification	3. Image Sensor: Sony CMOS Sensor	Kindly accept- 1/3", progressive scan CMOS or CCD- to accommodate more OEMs and increase competition	As per revised RFP. Refer Corrigendum
6	Page no. 68,Appendix #2 Technical Specification	9. Auto ARIS: Electronics IRIS	This clause not clear(asking lens is fixed)	As per revised RFP. Refer Corrigendum
7	Page no. 69,Appendix #2 Technical Specification	Video Analytics: Tripwire/Double Tripwire/Perimeter/Object Abandon/Object/lost/running/loitering/parking/crowd/Audio Abnormal Detection/Video Abnormal Detection	Discuss about these analytics(We have it in point of commercial only)	As per revised RFP. Refer Corrigendum
	Item No.2 IR Bullet IP camera:			
8	Page no. 70,Appendix #2 Technical Specification	3. Image Sensor: Sony CMOS Sensor	Kindly accept- 1/3", progressive scan CMOS or CCD- to accommodate more OEMs and increase competition	As per revised RFP. Refer Corrigendum
9	Page no. 70,Appendix #2 Technical Specification	9. Auto ARIS: Electronics IRIS	This clause not clear(asking lens is fixed)	As per revised RFP. Refer Corrigendum
10	Page no. 71,Appendix #2 Technical Specification	Video Analytics: Tripwire/Double Tripwire/Perimeter/ Object/Abandon/ Object/ lost/ running/ loitering/parking/crowd/Audio Abnormal Detection/Video Abnormal Detection	Discuss about these analytics(We have it in point of commercial only)	As per revised RFP. Refer Corrigendum
	Item No.3 NVR 4 CH			
11	Page no. 72,Appendix #2 Technical Specification	3. Incoming bandwidth: Min 40 Mbps	20 Mbps is the standard bandwidth as per industrial standard for 4 channel NVR . Please change this to 20 Mbps	As per revised RFP. Refer Corrigendum
12	Page no. 72,Appendix #2 Technical Specification	4. Outgoing bandwidth: Min 40 Mbps	30 Mbps is the standard bandwidth as per industrial standard for 4 channel NVR . Please change this to 30 Mbps	As per revised RFP. Refer Corrigendum
	Item No.4 NVR 32 CH			
13	Page no. 74,Appendix #2 Technical Specification	3. Incoming bandwidth: Min 400 Mbps	320 Mbps is the standard bandwidth as per industrial standard for 32 channel	As per revised RFP. Refer Corrigendum

Sr. No	RPF Page/Point/Section/Clause No.	Tender Terms & Conditions	Queries/Requests of the bidders	MSEDCL Response
			NVR . Please change this to 320 Mbps	
14	Page no. 14, 3.2.1 (c)	Tenderers from the following categories are exempted from payment of Tender fees & Bid Security(EMD)	Please allow Tender Fee & EMD Exemption for Micro and Small Enterprises (MSEs) having valid registration with National Small Industries Corporation (NSIC)	As per RFP
15	Page no. 66, 7. (A) 1	A bidder can be a single Company registered in India under companies Act 1956 or Companies Act 2013, or Firm registered with Registrar of firms and societies in India who fulfills the eligibility criteria.	Please amend this clause as – The company/bidder should be registered under company Act 1956 or the partnership Act,1932 or Maharashtra Shops & Establishment Act 1948 or any other relevant Act registered under Ministry of Maharashtra State.	As per revised RFP. Refer Corrigendum
16	Page No.66 Appendix # 1 Qualification Criteria point no 2 - Experience	The bidder Should have a minimum experience of 5 years in providing turnkey solutions (supply, commission, integration & maintenance) of IP/ Analogue Video Surveillance System in at least 50 different sites in one Purchase order or Contract and implementation of the same in PSU/City surveillance/Bank Branches/Critical infrastructure/ large Industry / factory/warehouses/Stores /Sub Stations/ Switching Station premises.	The bidder must have experience of supply, commission & maintenance of IT Infrastructure components for at least 1 project of minimum order value of Rs 5 Crs. or more between Jan-2014 and Date of submission of bid. Value of Software as a Sub-Component in above project shall be considered.	As per RFP
17	Page No.55 & 56 5- Special conditions of Contract	Special conditions of Contract – DD - Billing and payments terms, point no 3 from Sr no 1 to 4	90% on delivery and 10% on Installation	As per RFP
18	Appendix # 1 Qualification Criteria – point no 1- Entity	The bidder Should have a minimum experience of 5 years in providing turnkey solutions (supply, commission, integration & maintenance) of IP/ Analogue Video Surveillance System in at least 50 different sites in one Purchase order or Contract and implementation of the same in PSU/City surveillance/Bank Branches/Critical infrastructure/ large	Existing QR- The bidder Should have a minimum experience of 5 years in providing turnkey solutions (supply, commission, integration & maintenance) of IP/ Analogue Video Surveillance System in at least 50 different sites in one Purchase order or Contract and implementation of the same in PSU/City surveillance/Bank	As per RFP

Sr. No	RPF Page/Point/Section/Clause No.	Tender Terms & Conditions	Queries/Requests of the bidders	MSEDCL Response
		Industry / factory/warehouses/Stores /Sub Stations/ Switching Station premises.	Branches/Critical infrastructure/ large Industry / factory/warehouses/Stores /Sub Stations/ Switching Station premises. Required QR - The bidder must have experience of supply, commission & maintenance of IT Infrastructure components for at least 1 project of minimum order value of Rs 5 Crs. or more between Jan-2014 and Date of submission of bid. Value of Software as a Sub-Component in above project shall be	
19		Appendix # 1 Qualification Criteria – point no 1- Entity	Existing QR - A bidder can be a single Company registered in India under companies Act 1956 or Companies Act 2013, or Firm registered with Registrar of firms and societies in India who fulfills the eligibility criteria. Required QR - A bidder can be a single Company registered in India under companies Act 1956 or Companies Act 2013, or Firm registered with Registrar of firms and societies in India who fulfills the eligibility criteria. Joint Ventures or Consortium will be permitted. The qualification criteria shall be jointly fulfilled.	As per revised RFP. Refer Corrigendum
20	Page No.68 Appendix#2, Dome IP Camera Sr.no. 3	Image Sensor - Sony CMOS Sensor	There are many good sensors available now which can provided like Aptina, XMOR which needs to be included	As per revised RFP. Refer Corrigendum
21	Page No.68 Appendix#2, Dome IP camera Sr.no. 6	Min. Illumination - Color : min 0.002 Lux (F 1.2 AGC ON) B/W: min 0.001 Lux (F 1.2 AGC ON)	We suggest to go for 0.01 Lux in colour mode & 0 Lux in BW mode, as even with this specification we can achive the result. 0.002 Lux is used for low lighting conditions.	As per revised RFP. Refer Corrigendum
22	Page No.69	Operating Condition -35 °C to 60 °C	We suggest to keep it -10 deg to 50 deg	As per revised RFP.

Sr. No	RPF Page/Point/Section/Clause No.	Tender Terms & Conditions	Queries/Requests of the bidders	MSEDCL Response
	Appendix#2, Dome camera Sr.no. 38			Refer Corrigendum
23	Page No.69 Appendix#2, Dome IPcamera Sr.no. 39	Circuit Protection - Lightning and Surge protection	We suggest this can be provide with external surge protection also which is very effective	As per revised RFP. Refer Corrigendum
24	Page No.70 Appendix#2, Bullet IP camera Sr.no. 3	Image Sensor - Sony CMOS Sensor	There are many good sensors available now which can provided like Aptina, XMOR which needs to be included	As per revised RFP. Refer Corrigendum
25	Page No.70 Appendix#2, Bullet IP camera Sr.no. 6	Min. Illumination - Color : min 0.002 Lux (F 1.2 AGC ON) B/W: min 0.001 Lux (F 1.2 AGC ON)	We suggest to go for 0.01 Lux in colour mode & 0 Lux in BW mode, as even with this specification we can achive the result. 0.002 Lux is used for low lighting conditions.	As per revised RFP. Refer Corrigendum
26	Page No.71 Appendix#2, Bullet IP camera Sr.no. 38	Operating Condition -35 °C to 60 °C	We suggest to keep it -10 deg to 50 deg	As per revised RFP. Refer Corrigendum
27	Page No.71 Appendix#2, Bullet IPcamera Sr.no. 39	Circuit Protection - Lightning and Surge protection	We suggest this can be provide with external surge protection also which is very effective	As per revised RFP. Refer Corrigendum
28	Page No.72 Appendix#2, NVR 4 Ch Sr.no. 3 & 4	Incoming / Outgoing Bandwidth - 40 Mbps each	Suggest 40 Mbps in total bandwidth is also sufficient for 4 Ch NVR	As per revised RFP. Refer Corrigendum
29	Page No.72 Appendix#2, NVR 4 Ch Sr.no. 8	Internet Protocol - SADP	SADP is not a standard protocol suggest to kindly remove the same	As per revised RFP. Refer Corrigendum
30	Page No.72 Appendix#2, NVR 4 Ch Sr.no. 10	HDMI Output - 1-ch Resolution :min 3840*2160	4K resolution monitor is not asked in the tender hence we recommend not the compulsory use of 3840*2160 resolution	As per revised RFP. Refer Corrigendum
31	Page No.72 Appendix#2, NVR 4 Ch Sr.no. 23	Video Analytics(VCA)	VCA is available on software	As per RFP
32	Page No.74 Appendix#2, NVR 32 Ch Sr.no. 8	Internet Protocol - SADP	SADP is not a standard protocol suggest to kindly remove the same	As per revised RFP. Refer Corrigendum
33	Page No.74 Appendix#2, NVR 32 Ch Sr.no. 3 & 4	Incoming / Outgoing Bandwidth - 400/200 Mbps each	Suggest for 32 Ch NVR , 320 Mbps in total bandwidth is also sufficient, request you to kindly consider the same	As per revised RFP. Refer Corrigendum
34	Page No.74 Appendix#2, NVR 32 Ch Sr.no. 21	1-ch RJ45 10M/100M/1000M Ethernet Interface	We suggest to have 2 RJ45 ports one for live viewing & other for recording	As per RFP
35	Page No.74 Appendix#2, NVR 32 Ch	Video Analytics(VCA)	VCA is available on software	As per RFP

Sr. No	RPF Page/Point/Section/Clause No.	Tender Terms & Conditions	Queries/Requests of the bidders	MSEDCL Response
	Sr.no. 23			
36	Page No. 67	For switching products OEM should be present in Gartner & IDC reports for last 3 years	Please add this criteria for switching products as this will ensure only valid & experienced OEM products are bidden for this project	As per RFP
38	Page No.9 Scope of Work - Sr. no. 7	CCTV is required for surveillance through outdoor & indoor cameras at specified location outside & inside the building. These cameras are to be connected to the Network Video Recorder (NVR). The NVR unit should direct recording of all the cameras in real time. The operator should have the facility to choose any given camera for viewing on the monitor. Each image recording should be recorded with the camera number, title, time, date and recording speed visible on the screen at all times.)	Request department to consider solution based on client server architecture on an open platform. The Management software should support ONVIF standard to allow interoperability and integration with CCTV products from multiple vendors	As per RFP
39	Page No.67 Qualification Requirements (QR) for OEM:7 (B)	Qualification Requirements (QR) for OEM: --> The Offered Cameras, Recorder, VMS, Analytic shall be from the same OEM to ensure seamless integration & better support. However keeping in mind the future scalability, the offered VMS & Cameras should be ONVIF S compliant.	Department should consider VMS & Analytics from different OEMs to enable true openness. In addition Server based analytics offers flexibility of deployment across any cameras and offers better performance through continuous learning.	As per RFP
40	Page No.91 Annexures & Forms 8 (Xii)	The Offered Cameras, Recorder, VMS, Analytic shall be from the same OEM to ensure seamless integration & better support. However keeping in mind the future scalability, the offered VMS & Cameras should be ONVIF S compliant. Declaration from Bidder/OEM.	VMS should be open to be able to integrate with 3rd party security systems like Access Control, Intrusion detector, PIDS, fire alarms, public announcement systems.	As per RFP
41	Page No.66 Appendix # 1 Qualification Criteria - Clause no. 2	Experience - The bidder Should have a minimum experience of 5 years in providing turnkey solutions (supply, commission, integration & maintenance) of IP/ Analogue Video Surveillance System in at least 50 different sites in one Purchase order or Contract and implementation of the same	Software VMS Vendor should have experience in delivering project to industrial application / power plant / Sub Station	As per RFP

Sr. No	RPF Page/Point/Section/Clause No.	Tender Terms & Conditions	Queries/Requests of the bidders	MSEDCL Response
		in PSU/City surveillance/Bank Branches/Critical infrastructure/ large Industry / factory/warehouses/Stores /Sub Stations/ Switching Station premises.		
42	Appendix # 1 Qualification Criteria - Clause no. 2	Experience - The bidder Should have a minimum experience of 5 years in providing turnkey solutions (supply, commission, integration & maintenance) of IP/ Analogue Video Surveillance System in at least 50 different sites in one Purchase order or Contract and implementation of the same in PSU/City surveillance/Bank Branches/Critical infrastructure/ large Industry / factory/warehouses/Stores /Sub Stations/ Switching Station premises.	Software VMS Vendor should have experience in delivering project to industrial application / power plant / Sub Station	As per RFP
43	Appendix#2, Dome IP Camera Sr.no. 7	Lens Max 2.8 mm, Angle of View min. 95.2	We suggest to use Lens 2.8mm , 3.6mm, 4mm, 6mm as per the site requirement. OR recommend a varifocal camera	As per revised RFP. Refer Corrigendum
44	Appendix#2, Dome IP Camera Sr.no.	Video Bit Rate Min 32Kbps to 16Mbps	We suggest to keep 500Mbps to 12 Mbps sufficient enough for 2 MP resolution camera	As per revised RFP. Refer Corrigendum
45	Appendix#2, Dome IP Camera Sr.no. 42	IR Range Min 30 meter	Since this camera is indoor even 20 mtr IR should be sufficient enough	As per revised RFP. Refer Corrigendum
46	Appendix#2, Dome IP Camera Sr.no. 29	ANR -Support, Auto store video in SD card when NVR disconnected and uploaded video to NVR when resumed connection	ANR feature is used when SD card is active & central recording is done, we suggest this can be an optional feature.	As per RFP
47	Appendix#2, Dome IP Camera Sr.no. 26	Broweser support IE, Chrome , Firefox, Safari	Browser support for IE should be sufficient enough as all secured sites like banking are well recommended on IE only.	As per revised RFP. Refer Corrigendum
48	Appendix#2, Dome IP Camera Sr.no. 30	Video Analytics - Audio Abnormal Detection	This feature can only be activated if mike is also used with the camera, suggest this feature is not required,	As per revised RFP. Refer Corrigendum
49	Appendix#2, Dome IP	Alarm trigger - Port alarm/Mask alarm.	This can be similar to Network	As per revised RFP.

Sr. No	RPF Page/Point/Section/Clause No.	Tender Terms & Conditions	Queries/Requests of the bidders	MSEDCL Response
	Camera Sr.no. 31		disconnect or Tampering alarm , kindly consider the same	Refer Corrigendum
50	Appendix#2, Bullet IP Camera Sr.no. 21	EIS Support	This is usually used for PTZ series of camera, not required for fixed , varifocal cameras	As per revised RFP. Refer Corrigendum
51	Appendix#2, Bullet IP Camera Sr.no. 24	Picture Overlay - Min 200*200,min BMP 24bit, zone configurable	This suggest this feature is not required,	As per revised RFP. Refer Corrigendum
52	Appendix#2, Bullet IP Camera Sr.no. 29	ANR -Support, Auto store video in SD card when NVR disconnected and uploaded video to NVR when resumed connection	ANR feature is used when SD card is active & central recording is done, we suggest this can be an optional feature.	As per RFP
53	Appendix#2, Bullet IP Camera Sr.no. 26	Broweser support IE, Chrome , Firefox, Safari	Browser support for IE should be sufficent enough as all secured sites like banking are well recommended on IE only.	As per revised RFP. Refer Corrigendum
54	Appendix#2, Bullet IP Camera Sr.no. 30	Video Analytics - Audio Abnormal Detection	This feature can only be activated if mike is also used with the camera, suggest this feature is not required,	As per revised RFP. Refer Corrigendum
55	Appendix#2, Bullet IP Camera Sr.no. 31	Alarm trigger - Port alarm/Mask alarm.	This can be similar to Network disconnect or Tampering alarm , kindly consider the same	As per revised RFP. Refer Corrigendum
56	Appendix#2, Bullet IP Camera Sr.no. 39	Circuit Protection- Lightning and Surge protection	Circuit protection can be externally made available to the source , kindly consider the same	As per revised RFP. Refer Corrigendum
57	Appendix#2, 4 Ch NVR Sr. no. 5	Remote connection Min 16 users	Number of users increases the load on the NVR, suggest 5 users is sufficient	As per RFP
58	Appendix#2, 4 Ch NVR Sr. no. 9	ANR - Auto download video from SD card, which was stored when disconnection	Recording is done on the SD card, backup can also be taken manually	As per RFP
59	Appendix#2, 4 Ch NVR	HDMI - Resolution	As no 4 K monitor is used even One	As per revised RFP.

Sr. No	RPF Page/Point/Section/Clause No.	Tender Terms & Conditions	Queries/Requests of the bidders	MSEDCL Response
	Sr. no. 10		HDMI supporting resolution - 1920x1080/60Hz, 1280x720/60Hz, 1024x768/60Hz should be sufficient	Refer Corrigendum
60	Appendix#2, 4 Ch NVR Sr. no. 16	Display split - 1/4/6	this is for 4 CH NVR, 6 display split would not be available	As per revised RFP. Refer Corrigendum
62	Appendix#2, 4 Ch NVR Sr. no. 23	Video Analytics(VCA)	VCA is available on camera, we can deploy the same on server based solution for alerts.	As per RFP
63	Appendix#2, 4 Ch NVR Sr. no. 25	Alarm recording - Pre Alarm	Motion based recording default supported , need to remove the same.	As per RFP
64	Appendix#2, 4 Ch NVR Sr. no. 25	H.265 is mandatory	This feature is not required as this is only 4 CH NVR	As per RFP
65	Appendix#2, 4 Ch NVR Sr. no. 29	Record Tag - Support	This is feature is should be optional as recording backup is already supported	As per revised RFP. Refer Corrigendum
66	Appendix#2, 4 Ch NVR Sr. no. 27	VCA alarm/video occlusion	These alarm options are not required as alarm supported is limited on the 4 CH NVR	As per revised RFP. Refer Corrigendum
67	Appendix#2, 32 Ch NVR Sr. no. 21	Network Interface 1-ch RJ45 10M/100M/1000M Ethernet Interface	Suggest to have 2 RJ 45 ports one for live viewing & other for recording.	As per RFP
68	Item 15: CAT 6 WIRING WITH CASING	Armoured CAT 6 with casing caping /pvc pipe/flexible pvc pipe as on actual for Internal cabling, Armored CAT 6 cable designed for external use with direct burial and/or Aerial use. fully water-blocked. Steel/aluminum Wire Armored. UL tested/listed. Supplied meter marked for easy installation.	Remove certification as these is a customized cable. Though armored cable ,our recommendation is to use cable in conduit instead of direct burial. In copper cable twisting ratio is very vital and sudden impact on cable in case of direct burial can impact the performance. If same cable used for Aerial than proper support needs to be provided and proper grounding. There are chances of shock during installation if any light pole or electrical source near by. Proper care has to be taken.	As per revised RFP. Refer Corrigendum

Sr. No	RPF Page/Point/Section/Clause No.	Tender Terms & Conditions	Queries/Requests of the bidders	MSEDCL Response
			Regarding water block outer jacket will not allow any seepage of water, but termination point at both ends should be protected in IP65 rack or server room should be in indoor premises	
69	Item 8: Fiber optic Cable	6 Core Single Mode Armoured Fiber Optic Cable supporting cctv surveillance. Corning Single-Mode Direct Burial and arial Armoured Fiber Optic Cable. Single-armor construction for additional crush and rodent protection. High-strength ripcord under armor for easy stripping. Gel-free design is fully water blocked, making cable access easy and requiring no cleanup.	For Aerial cable we recommend ADSS cable. Cable will come with Jelly-filled for water protection.	As per revised RFP. Refer Corrigendum
70	Warranty for cabling	1 Year On-site	Warranty for any cabling products cannot be given on-site, however we can give performance warranty based on successful site certification done & nature of project	As per RFP
71	Qualification Criteria Page no 67	The OEM for CCTV camera should have at least 25 employees on its payroll in India. This is to justify that CCTV OEM has made investment in India and is serious about its business in India which will ensure long term after sales support and spare support from the OEM.	The OEM for CCTV camera should have at least 20 employees on its pay roll	As per revised RFP. Refer Corrigendum
72	Page no 66 Qualification Criteria	The bidder Should have a minimum experience of 5 years in providing turnkey solutions (supply, commission, integration & maintenance) of IP/ Analogue Video Surveillance System in at least 50 different sites in one Purchase order or Contract and implementation of the same in PSU/City surveillance/Bank Branches/Critical infrastructure/ large Industry / factory/warehouses/Stores /Sub	We suggest experience .. from 50 locations to 100 locations in one single order.	As per RFP

Sr. No	RPF Page/Point/Section/Clause No.	Tender Terms & Conditions	Queries/Requests of the bidders	MSEDCL Response
		Stations/ Switching Station premises.		
73	Qualification Criteria Page no 67	OEM should have CE/FFC/ROHS Certification.	OEM product should have CE/FCC/ROHS certification	As per revised RFP. Refer Corrigendum
74	Technical Specification Parameter Page no 68 (IR Dome IP Camera), Page no 70 ,(IR Bullet Camera)	Operating System Embedded Linux	Page no 68 Sr.No 4 : To be deleted	As per revised RFP. Refer Corrigendum
75	Page no 68 (IR Dome IP Camera), Page no 70 ,(IR Bullet Camera)	min Illumination Color : min 0.002 Lux (F 1.2 AGC ON) B/W: min 0.001 Lux (F 1.2 AGC ON)	Sr.No 6 : Minimum illumination : 0.1 lux (f 1.2 AGC off)	As per revised RFP. Refer Corrigendum
76	Page no 68 (IR Dome IP Camera), Page no 70 ,(IR Bullet Camera))	Lens Mount Min F 1.2	Lens moud should be replace by word Sensitivity	As per revised RFP. Refer Corrigendum
77	Page no 68 (IR Dome IP Camera), Page no 70 ,(IR Bullet Camera)	MDay & Night Dual IR Cut filter with Auto Switch	Remove word Dual	As per revised RFP. Refer Corrigendum
78	Page no 68 (IR Dome IP Camera), Page no 70 ,(IR Bullet Camera)	Video Bit rate Min 32Kbps to 16Mbps	Video bit rate should be 32kbps to 12 mbps	As per revised RFP. Refer Corrigendum
79	Page no 68 (IR Dome IP Camera), Page no 70 ,(IR Bullet Camera)	Smart Defog	Sr.No 20 : Delete	As per revised RFP. Refer Corrigendum
80	Page no 68 (IR Dome IP Camera), Page no 70 ,(IR Bullet Camera)	Picture Overlay Min 200*200,min BMP 24bit, zone configurable	Sr.No 24 : Delete	As per revised RFP. Refer Corrigendum
81	Page no 68 (IR Dome IP Camera), Page no 70 ,(IR Bullet Camera)	OSD Support	Sr.No 25 : Delete	As Per RFP
82	Page no 68 (IR Dome IP Camera), Page no 70 ,(IR Bullet Camera)	ANR : Support, Auto store video in SD card when NVR disconnected and uploaded video to NVR when resumed connection	Sr.No 29 : Delete	As Per RFP
83	Page no 68 (IR Dome IP Camera), Page no 70 ,(IR Bullet Camera)	Video Analytics :Tripwire/Double	Sr.No 30 : Delete	As per revised RFP. Refer Corrigendum

Sr. No	RPF Page/Point/Section/Clause No.	Tender Terms & Conditions	Queries/Requests of the bidders	MSEDCL Response
		Tripwire/Perimeter/Object Abandon/Object/lost/running /loitering/parking/crowd/Audio Abnormal Detection/Video Abnormal Detection		
84	Page no 68 (IR Dome IP Camera), Page no 70 ,(IR Bullet Camera)	On-Board Storage : MicroSD Card \$160 to 128GB	Sr.No 36 : On board storage to be made storage	As per RFP
85	Page no 68 (IR Dome IP Camera), Page no 70 ,(IR Bullet Camera)	Operating Condition: between -35 ° to 60 °	Sr.No 38 : operating temperature 0 to 50 degrees	As per revised RFP. Refer Corrigendum
86	Page no 68 (IR Dome IP Camera), Page no 70 ,(IR Bullet Camera)	Impact Protection : Min IP66	add Sr.No 41 : make IP 67 in place of IP66	As per RFP
87	Technical Spec. Page No 72, 4 Ch. NVR Page no 74 32 CH. NVR	Remote connection: Min 16 users	Sr.No.5 : Remote connection User to change to 10 in place of 16	As per revised RFP. Refer Corrigendum
88	Technical Spec. Page No 72, 4 Ch. NVR Page no 74 32 CH. NVR	Internet Protocol : TCP/HTTP/MULTICAST/UPnP/DHCP/PPPoE/DDNS/FTP/NTP/HTTPS/RTSP/SMTP/SADP	Sr.No 8 : Remove SADP internet protocol	As per revised RFP. Refer Corrigendum
90	Technical Spec. Page No 72, 4 Ch. NVR Page no 74 32 CH. NVR	ANR :Auto download video from SD card, which was stored when disconnection	Sr.No 9 : Delete	As per RFP
91	Technical Spec. Page No 72, 4 Ch. NVR Page no 74 32 CH. NVR	HDMI Output 1-ch Resolution :min 3840*2160/2560*1600/2560*1440	Sr.No 10 : Resolution should be 1920*1080	As per revised RFP. Refer Corrigendum
92	Technical Spec. Page No 72, 4 Ch. NVR Page no 74 32 CH. NVR	Recording resolution Min 2752*2208/3008*2008/2408*2008	Sr.No 14 : Recording resolution should be 1920*1080 and lower	As per revised RFP. Refer Corrigendum
93	Technical Spec. Page No 72, 4 Ch. NVR Page no 74 32 CH. NVR		Page no. 46 Response time suggested is 48 working hours.	As per revised RFP.

Sr. No	RPF Page/Point/Section/Clause No.	Tender Terms & Conditions	Queries/Requests of the bidders	MSEDCL Response
Query Raised during Pre- Bid Meeting by Prospective Bidder				
94	Technical Specification Page No 68 IR Dome IP Camera Page No 70 IR Bullet IP Camera	Dome IP camera with night vision minimum 2MP (Fixed lens) : Minimum Range IR distance 30 mtrs with mounting kit, I/O with back box, faceplate and patch cord. Bullet IP camera with night vision minimum 2MP (Fixed lens) : Minimum Range IR distance 30 mtrs with mounting kit, I/O with back box, faceplate and patch cord.	Dome IP camera with night vision minimum 2MP (Fixed lens) : Bullet IP camera with night vision minimum 2MP (Fixed lens) : Minimum Range IR distance 30 mtrs with mounting kit.	As per revised RFP. Refer Corrigendum
95	Page No 68 and 70 Technical Specification IR Dome IP Camera IR Bullet IP Camera		To add Power Supply : DC 12 V DC \pm 10 %, PoE(802.3af)	As per revised RFP. Refer Corrigendum
96	Page No 68 and 70 Technical Specification IR Dome IP Camera IR Bullet IP Camera	IR LEDs: SMT LED	IR LEDs: Provided	As per revised RFP. Refer Corrigendum
97	Page No 68 and 70 Technical Specification IR Dome IP Camera IR Bullet IP Camera	Browser : IE, Chrome , Firefox, Safari	Browser : IE or Chrome or Firefox or Safari	As per revised RFP. Refer Corrigendum
98	Page No 72 and 74 Technical Specification 4 CH NVR , 32 CH NVR	VGA output : 1-ch Resolution : Min 1980*1080/1280*720/800*600 Adjustable Output mode, self adaptive resolution	VGA output : 1-ch Resolution : Min 1920*1080	As per revised RFP. Refer Corrigendum