



Smart City Ahmedabad Development Limited
CEO, Smart City Ahmedabad Development Ltd (SCADL), Ahmedabad
Municipal Corporation, Sardar Patel Bhavan, Danapith, Ahmedabad,
Gujarat 380001



Corrigendum 7

Tender No: 1 Smart City Ahmedabad Development Ltd (SCADL) 241853

241853- Notice Inviting RFP for Selection of Implementation Agency for Supply, Installation, Commissioning and operation & maintenance of Pan city ICT Infrastructure and Integrated Command and Control Center for Smart City Ahmedabad (Gujarat) – Smart city Ahmedabad Development Ltd(SCADL)

Post due considerations to the queries received after corrigendum 6 this corrigendum has been consequently released.

#	Information	Details
1	Online Price Bid Submission Date	19/04/2017 up to 17:00 Hrs.
2	Technical Bid Submission (in Hard Copy) Filled-in Technical Bid along with Bid Fee, EMD and other documents	In Sealed envelope strictly by RPAD/ Postal Speed Post/ Courier/By Hand on or before 21/04/2017 17:00 Hrs. to CEO Smart City Ahmedabad Development Ltd (SCADL), Ahmedabad Municipal Corporation, Sardar Patel Bhavan, Danapith, Ahmedabad, Gujarat 380001 with necessary documents (Tender Fee, EMD, etc.) as mentioned in the RFP
3	Date & Time of opening of Technical & Commercial bid	To be intimated to the qualified bidders
4	Contact person and email id	smartcity@ahmedabadcity.gov.in

Consultant:



Responses to the queries

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
1	Page no. 50, point no. 10.1.5 implementation on time line	Proof of concept for 50 AP and 50 CCTV cameras, with VMS detection and challan generation for speed limit violation and RLVD, ANPR (Instead of central side solution for the application, cloud based solution allowed for the POC, Will have to use CCTV camera and Aps from 3 different OEMs each), eGovernance integration (as per scope of PoC). Timeline 30 days from LoI/Work order	To conduct the POC as per the RFP parameters mentioned on the page no. 51 & 52, we request to allow 60 days from LOI. Also the POC should be limited to 5-10 cameras and Wi-Fi APs without any integration with eGov Applications (Property Tax & Birth Certificates etc).	PoC Clause Revised as: Proof of concept for 50 AP and 50 CCTV cameras, with VMS detection and challan generation for speed limit violation and RLVD, ANPR (Instead of central side solution for the application, cloud based solution allowed for the POC, Will have to use CCTV camera and Aps from 3 different OEMs. Timeline 30 days from LoI/Work order
2	Page no. 50, point no. 10 implementation on time line	Please note that if the successful bidder fails to complete Proof of concept in 30 days or perform as per the requirement of SCADL even after second attempt of 15 days, then his EMD, Performance Bank Guarantee will be forfeited, contract terminated, and work will be assigned to L2 bidder, subject to his acceptance, at cost to the successful bidder. The successful bidder will be further blacklisted from participation in future government contracts.	1) We request to please remove the clause that " the successful bidder fails to complete Proof of concept in 30 days or perform as per the requirement of SCADL even after second attempt of 15 days, then his EMD, Performance Bank Guarantee will be forfeited, contract terminated, and work will be assigned to L2 bidder, subject to his acceptance, at cost to the successful bidder. The successful bidder will be further blacklisted from participation in future government contracts." If the Successful bidder fails to do the successful PoC, SCADL can award the contract to the L2 Bidder without any penalty to the L1 Bidder. Management approvals will not be granted for participation if the above suggested changes are not reflected in the RFP terms as the risk associated is too high.	No Change, As per RFP

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
3	Page no. 50, point no. 10 implementation on time line	Installation and Commissioning and FAT of hardware/software at end point Locations. Timeline: Within 180 calendar days from the date of issuance of LOI/ Work order	Request please add "within 240 calendar days from the date of issuance of LOI/work order" to complete the such large project required more days to complete, as to integrate the whole system with old one is a time taking process	Clause Revised As: Installation and Commissioning and FAT of hardware/software at end point Locations. Timeline: Within 180 calendar days from the date of approval of PoC
4	page no. 122 point no. 34.1 Payment Schedule	Payment terms	We request to "please add the clause 30% of the payment against the supply of Hardware/Material component as per Schedule I of financial bid"	No Change, As per Corrigendum 5
5	Page 69 - clause 55 - Document: Technical and Functional Specifications	LED Wireless Communication Systems -	In this section, the number of ISLC per gateway is 250, where on page 66, clause 13, there is a mention of having 1000 lighting controllers nodes per gateway.	Each gateway should have a configuration storage capacity of 1000nos LED control nodes. However, as per geographical spread of poles along the BRTS corridor and design requirement, 250nos of LED control nodes per gateway control should be considered. Actual nos of gateways required should be as per site conditions. Please carry out the site survey as asked in the tender and accordingly prepare proposal. Tender conditions prevail
6	Page 71 - clause 56 - Document: Technical and Functional Specifications	LED Wireless Communication software	The table presented on page 71 is for the server running the software or the specs of the gateway? Isn't the gateway specifications covered in clause 55? In clause 55, the operating temp for the gateway is -20 to +55, where in clause 56, the operating temp is 0 to +70	Operating Temperature for the Gateway should be 0 to 55 Deg C.

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
7	Page 71 - clause 56 - Document: Technical and Functional Specifications	LED Wireless Communication software	If the specifications in the table on page 71 is for the gateway, then the gateway is floor mounted (per item 15 of the table)?	Gateway should be Wall/Pole/Floor Mounted
8	Page 31 - clause 6 - Document: Tender document	Smart Street Lighting	The 4th bullet point, highlights that the gateway can communicate with the central server via GPRS/GSM/Ethernet/Wifi, where in the Technical and Functional Specifications, in sections 55 and 56, it is highlighted that the gateway will communicate with the central service via GSM/GSP over SMS	Communication network details are already provided. Communication network from LED control node to gateway should be through wireless/RF network as per tender specifications. Communication network between gateway to server should be through GPRS/GSM/Ethernet/Wi-Fi based communication . Please carry out the site survey as asked in the tender and accordingly prepare proposal. Tender conditions prevail
9	(Page 27) Tender Document Corrigendum 2, 2) Area Traffic Control System, a) Speed Detection System: -	The Speed Violation system should be capable of measuring speeds up to 120 Km/Hour for both (Two & Four Wheeler's) or higher with minimum accuracy of 90% in detecting speed limit violations and photographing the incident and reading the vehicle No. plate in various formats	Corrigendum 2 has asked only vehicle detection i.e 90% and not Speed Accuracy Detection which is a legal requirement and generally as per industry standard should be ± 5 kmph and should be certified by any Competent Authority. Hence, we requesting you to consider the above points.	Accepted, Clause added as: The System should be able to detect the speed of the vehicles with an accuracy of +/- 5 Kmph, the same shall be annually checked & certified by the competent certifying body for the acceptance as an evidence in the court and will have to be

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				<p>undertaken by the bidder</p> <p>Note: The Successful bidder will have to arrange such certificate along with its Testing report at the time of the FAT of the Installed Speed detection system. It is not a pre requisite for the submission of the bid.</p>
10	<p>(Page 137) Tender Document Corrigendum 2, Section 5: SLA & Penalties, 8. Accuracy of ANPR/RLVD / Speed Detection/Face Recognition system</p>	<p>a) SCADL or its nominated agency shall once in a month visit the CCC to check the accuracy of the said systems on random basis and mark out the difference if found lower than the accuracy level as per the SoW. Each such instance of accuracy lower than the defined limit shall be counted as an “instance” for penalty calculation</p>	<p>SLA penalty which is mentioned as Rs. 1,00,000 per instance per month seems to be typo mistake. We request you to clarify on same also put a cap of max amount payable in the qtr.</p>	<p><u>Penalty Clause Revised As:</u> Accuracy of ANPR and RLVD system: Penalty of Rs. 5,00,000/- per month (SCADL or its nominated agency shall visit the TCC/CCC to check the accuracy of the said systems on random basis and mark out the difference if found lower than the accuracy level as per the SoW.) Note: Maximum penalty under this clause per month shall be Rs. 5,00,000/- and continuing default beyond Four months will be a reasonable ground for termination of the contract.</p>

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
11	(Page 139) Tender Document Corrigendum 2, Section 5: SLA & Penalties , 4. Accuracy of ANPR/RLVD / Speed Detection/Face Recognition system	Rs. 100,000/- per “Instance” per month	SLA penalty which is mentioned as Rs. 1,00,000 per instance per month seems to be typo mistake. We request you to clarify on same also put a cap of max amount payable in the qtr.	As Above, Sr. No. 10
12	(Page 28) Tender Document Corrigendum 2, Section- 3: SCOPE OF WORK, 2) Area Traffic Control System, b) Red Light Violation Detection System	-	It is observed that at the stretches, the roads are segregated with high barriers and the junctions are normally open that increases the probability of fatal accidents, whenever the vehicles exceed the assigned speed limits in amidst of such stretches. Moreover, in most of the Smart city tenders which are already floated has asked for Speed detection with RLVD system feature. E.g. Vizag, Kakinada, Pune etc. Hyderabad ITMS project which is under implementation also has the feature of Speed detection with RLVD system. Hence, for the better result, it is requested to include speed detection feature with the Red Light Violation Detection system which can be achieved with no extra addition of hardware and cost.	Accepted, Revised requirement is as below: Speed detection system is required to be deployed for all the ANPR cameras Therefore the Speed Detection system as a separate Line item is removed from the revised price bid
13	(Page 55) Specification Document Corrigendum 2, Technical and Functional Specifications,	-	It is observed that at the stretches, the roads are segregated with high barriers and the junctions are normally open that increases the probability of fatal accidents, whenever the vehicles exceed the assigned speed limits in amidst of such stretches. Moreover, in most of the Smart city tenders which are already floated has asked for Speed detection with RLVD system feature. E.g. Vizag, Kakinada, Pune etc. Hyderabad ITMS project which is under implementation also has the feature of Speed	As Above, Sr. No. 12

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
	62) Application and System Software and licenses for RLVD		detection with RLVD system. Hence, for the better result, it is requested to include speed detection feature with the Red Light Violation Detection system which can be achieved with no extra addition of hardware and cost.	
14	Query No. 31 Corrigendum 4 RFP - Scope of Work	Cloud based Controller Cloud based Controller to be installed in Bidder's NOC.	You have replied in Corrigendum 4 that the Cloud based Controller should be installed at Bidder's NOC in place of AMC's NOC. We request you to kindly allow the Cloud based Controller to be installed at either Bidder's NOC OR OEM's NOC. In case, AMC feels that the sensitive user data shouldn't be allowed to be stored at location which doesn't fall under the India's legal jurisdiction, then the NOC location can be specified to be within India only.	It is Upto the bidder to decide the premises for the NoC for the Cloud based Wi-Fi service , However, NoC locations should be under the geographical boundary of INDIA. Further, bidder will also have to sign an NDA with ISP and SCADL related to the confidentiality and privacy of the user Data.
15	Query No. 64 - Additional Clarifications Corrigendum 4 RFP - Wi-Fi Hotspot at Public places	Cloud based Controller Cloud based controller need not to be a single controller instead it may be a stake of controller supporting different make and model of Access points will also be an acceptable solution.	As most of the OEM's Controller and Access Points OEMs listed in Gartner Magic Quadrant / Top5 IDC Worldwide Market Leaders in Wireless works on the same code, kindly amend this clause as below: "Cloud based controller need not to be a single controller instead it may be a stake of multiple OEM's controllers supporting respective different make and model of Access points; however these multiple OEM controllers to be managed from a Single Network Monitoring Solution to provide a single pane view of the entire Network setup will also be an acceptable solution."	No change, As per Corrigendum 4 & 5

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
16	Query No. 64 - Additional Clarifications Corrigendum 4 RFP - Wi-Fi Hotspot at Public places	Cloud based Controller Cloud based controller should support Access points of multiple OEMs featuring in Gartner magic quadrant for Wired and Wireless LAN access Infrastructure.	As most of the OEM's Controller and Access Points OEMs listed in Gartner Magic Quadrant / Top5 IDC Worldwide Market Leaders in Wireless works on the same code, kindly amend this clause as below: "Single OEM Network Monitoring Solution should be provided to support Access Points and Controllers from multiple OEMs featuring in Gartner Magic Quadrant and should provide a single pane view of the entire network setup."	As Above, Sr. No. 15
17	10) Implementation Timeline Tender Document Corrigendum -2 Point No. 5 Page 50	Proof of Concept Proof of concept for 50 AP and 50 CCTV cameras, with VMS detection and challan generation for speed limit violation and RLVD, ANPR (Instead of central side solution for the application, cloud based solution allowed for the POC, Will have to use CCTV camera and Aps from 3 different OEMs each), e-Governance integration (as per scope of PoC)	Requesting AMC to kindly confirm the understanding that the Proof of Concept (PoC) of 50 Access Points by the successful bidders needs to be demonstrated for the Access Points of the Make proposed by the Bidder in the technical bid.	The Bidder is free to choose make and model (3 different OEM's) for the PoC of the Access Points. However out of these 3 OEMs one make and model must be the same which is proposed/quoted in the price bid by the bidder.
18	Corrigendum 4 Page 20	4) Wi-Fi Hotspot at Public places (Page no. 31; Tender Document): a. Cloud based controller need not to be a single controller instead it may be a stake of controller supporting different make and model of Access points will also be an acceptable solution	As per the Gartner's 2016 Magic Quadrant for Wired And Wireless LAN Infrastructure total of 16 vendors made Gartner's 2016 worldwide Magic Quadrant for Wired and Wireless LAN Infrastructure. So as per RFP if we propose stake of controllers then there will be 16 different controllers needs to be integrated in the network which in turn increase the complexity of the network. Also in case we have multiple controllers roaming /handover , session control (time based or b/w based) cannot be done. the clause needs to be deleted. Also in case we have to give multiple controllers , then how many licenses for the controllers ?	No Change, As per Corrigendum 4
19	Corrigendum 4 Page 20	4) Wi-Fi Hotspot at Public places (Page no. 31; Tender Document): b. Cloud based controller should support Access points of multiple OEMs featuring in Gartner magic quadrant for Wired and	Cloud based controller can be transparent to all AP traffic but cannot manage the AP's also as the multi vendor controllers and AP cannot communicate with each other's there will be no roaming possible. Please delete this clause	As Above Sr. No. 18

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
		Wireless LAN access Infrastructure.		
20	Corrigendum 4 Page 22	10) Additional Item: Indoor Access Point (Qty-300 nos): Technical Specifications as below: S/N Minimum Specification 3 Should support Proactive Key Caching or other methods for Fast and Secure Roaming.	To achieve roaming AP and controllers should communicate with each other to retain the sessions and this is not possible in case of multiple OEM controller environment please delete the clause	As Above Sr. No. 18
21	Corrigendum 5 Page 51	2.) Controller need not be an Open Source Controller, it can be a proprietary Controller, allowing AP's of all the OEM featuring in Latest available Gartner's Magic Quadrant	OEM's the controllers are proprietary and can be transparent to all AP traffic but can not manage the AP's also as the controllers and AP can not communicate with each others Ap & controllers there will be no roaming possible. Please delete the clause	As Above Sr. No. 18
22	Corrigendum 5 Page 65	List of locations	clarification required on exact number of AP As per the initial tender Access Points as per commercial format is 500 Also as per Corridendum 4 they have said additional Indoor AP of 300. AND as per Corrigendum 5 list of locations when we count the no of AP it is 575. Please confirm that the total Number of AP= outdoor 575 + Indoor 300= 875	Please See the price Bid Sr. No. 51 & 52; Quantities mentioned in the price bid are final
23	Corrigendum 2, Specifications. Page Nos.16 to 22	Pages are missing in Specifications Page Nos. 16 to 22	Content in the pages 16 to 22 are missing, which has certain specifications important for submitting the bid.	Pages are not missing. Please download the documents agains. Further, documents are also available at (www.ahmedabadcity.gov.in.) can be downloaded from there as well
24	Corrigendum 5, Point No.150. (Reference to Implementati	Point 1. Connectivity and Internet Bandwidth for PoC will have to be provided by successful bidder at specified location	It would be difficult to provide Bandwidth for shorter period of 30 days for PoC. It is hereby requested to be arranged by the SCADL.	100 Mbps bandwidth arrangements for the PoC testing at Usmanpura AMC office shall be made by

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
	on timelines Point No.5, Page 50.)			SCADL..Last mile connection will have to be catered for by the bidder
25	General		Please let us know the Total number of Internal and External users for IDAM	Question not clear
26	Corrigendum 5, Point 15 & 16	Air-conditioning for the CCC, TCC and Data Centre is not in the scope of the Bidder, the same has been taken up through a separate tender by SCADL	As there is no scope of PAC and CAC units. Shall we assume there is no scope of integration with BMS as well. Please confirm	Integration of the Air conditioning system (PAC, CAC) shall be the responsibility of the bidder
27	Corrigendum 5, Point 18	Electrical Work where ever required for the successful implementation of the project, will have to be done by the bidder for CCC, TCC, Data centers. However the LT Panels, distribution boards, Light Fixtures, Point wiring etc. has been taken up through a separate tender.	As there is no scope of LT Units in this Tender, Shall we assume that there is no scope of integration with BMS as well.	Integration of the LT Units shall be the responsibility of the bidder
28	Corrigendum 5, Point 21	Common UPS for both location (CCC & DC) as well as (TCC & DC)	We understand that only 2 UPS qty. is required and these 2 UPS only has to be integrated with the BMS, please confirm our understanding.	Yes
29	Corrigendum 5, Point 38	Area details for CCC-DC and TCC-DC : Annexure 1 of Corrigendum 5 for detailed layout.	1. In Layout / floor plan for CCC-DC provided, do we need to consider G+3 floors + Terrace floor, Machine room and OHT Area also? Please confirm. 2. Void Breakup (i.e., False ceiling and False flooring height) details are missing from both CCC-DC & TCC-DC areas. Please provide the same. 3. Police Control Room – GF & 1F Room names & dimensions are not clear or Not visible. Please provide clear layout with details.	1) The DC area in the CCC is on the G+1 floor. 2) False ceiling and False flooring height is not in scope of the bidder 3) Police Control room layout are also available at (www.ahmedabadcity.gov.in.) can be downloaded from there as well
30	Tender Document, Page 3 No.25	Exsiting Camera Make, Models and Types	1. How old are the installations ? 2. How are they connected and the storage management. Please provide the same.	As per Corrigendum 5
31	General	Face Recognition System	Please provide the details of : 1. Number of cameras to be used for face recognition 2. Database size	Face Recognition system requirement stands removed, from the scope of this RFP.

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
32	Corrigendum 2, Financial Bid	Furniture-Cubical	As per financial bid document office cubical quantity is 30 and as per Corrigendum 5 AMC 2nd Floor layout plan cubicle seat quantity is 34. Confirm whether SI to supply 120 seater 30 cubical or cubical which could accommodate 30 people.	As per RFP. Bidder is required to supply 25 cubicals which accommodate 25 people only. The layouts shared as part of Corrigendum 5 are tentative architecture drawings
33	Corrigendum 2, Page No.10, Clause No.10	Refresh Rate >120 Hz. Most of the displays support Refresh Rate from 50 to 60 Hz. Therefore request to amend the clause accordingly	None of the IPS display Manufacturer is meeting the refresh rate of greater than 120 Hz. Therefore request you to kindly reduce it to 60 Hz	Please refer Corrigendum 5, Sr. No. 55
34	Corrigendum 2, Page No.10, Clause No.10	Standard Outputs - 1x CVBS BNC	Required output video format is obsolete therefore request you to kindly delete this as output from the specifications. Standard Output Interface should be read as 1 x Digital DVI-D or 1 x DP-1.2 Port	Accepted, Specification modified as " Standard Output Interface: 1x Digital DVI-D or 1 DP-1.2 port
35	Corrigendum 2, Page No.11, Clause No.10	All input sources can be displayed on the video wall in freely resizable and movable windows.	Please define no. of input sources for Video Wall Controller.	Please refer Corrigendum 5 , Point No. 58
36	Financial Bid	Additional LED Displays - 4 Nos.	Please provide size of the displays and their functional requirements	Please refer Corrigendum 5 , Point No. 60
37	Corrigendum 2, Page No.13, Clause No.14	Response Time - 8 MS	Request you to kindly amend the clause as 8 to 12 MS	Please refer Corrigendum 5 , Point No. 56
38	Suggestions on the Video & Application Storage Requirements vis-à-vis the technical specs for Video & Application storage as per	Active-Active Load Balancing Storage Controllers with 64GB Cache from day one and scalable up to 128GB Cache without replacing existing Controllers	Storage solution comprising Active-Active Load Balancing Storage Controllers with 64GB Cache from day one and storage solution should be scalable up to 128GB Cache without replacing existing controllers	Agreed, Specification revised as (for both the storage): Storage solution comprising Active-Active Load Balancing Storage Controllers with 64GB Cache from day one and storage solution should be scalable up to 128GB Cache without replacing existing controllers

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
	Corrigendum 2			
39	Suggestions on the Video & Application Storage Requirements vis-à-vis the technical specs for Video & Application storage as per Corrigendum 2	Controllers shall be active-active so that a single logical unit can be shared across all offered controllers, while supporting all the major functionalities like Thin Provisioning, Data tiering.	This clause is not Applicable & hence request you to delete this clause	Clarification: This Specification is not required for " Storage for Video Files " (Sr. No. 40; Specification Document, Corrigendum 2)
40	Suggestions on the Video & Application Storage Requirements vis-à-vis the technical specs for Video & Application storage as per Corrigendum 2	The Storage should be based on IP address and the time stamp of the feed for video data, images received from camera.	This clause is not Applicable & hence request you to delete this clause	No Change, As per RFP
41	Suggestions on the Video & Application Storage Requirements vis-à-vis the technical	The solution should be able to transfer and store the data, on need basis, to any other storage irrespective of Make/Model across LAN/WAN within the state.	This clause is not Applicable & hence request you to delete this clause	Clarifications: Proposed Storage should allow this functionality. However, required software/hardware for the same is not in the scope of bidder

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
	specs for Video & Application storage as per Corrigendum 2			
42	Suggestions on the Video & Application Storage Requirements vis-à-vis the technical specs for Video & Application storage as per Corrigendum 2	The Storage system should replicate the data from primary to secondary in real-time	This clause is not Applicable & hence request you to delete this clause	Accepted, wrt to the Sr. no. 64 of corrigendum 4 this specification requirement <u>stands deleted</u>
43	amc.nprocure site	Tender Stages in nProcure Site	<p>This is with reference to the non visibility of Technical proposal attachment icon for uploading the technical proposal on the nprocure site. After logging into the amc.nprocure site wherein we can see only the following two icons:</p> <ol style="list-style-type: none"> 1. Date of opening of unpriced bid 2. Commercial Bid. <p>Request you to clarify on the same at the earliest.</p>	Technical bid document has to be submitted physically as per the Tender document. You may also refer Sr. No. 120 below.
44	Commercial Bid	-	In the commercial bid, it is not clear HOW many Servers are required to be quoted for VMS & recording in the "required hardware". Kindly confirm if these servers are to separate or to be inclusive in the design being proposed by Bidder.	Item No. 33 of price Bid "Video Management Software with required hardware for both CCC and TCC" The required Hardware Shall include Hardware required for Hosting of VMS Software and

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
				recording server (for both TCC and CCC) and any other hardware that may be required for successful implementation and O&M of the project
45	Format 4 – Declaration Letter regarding Black listing, Format 5 – Unconditional Acceptance of RFP terms and conditions.	Format 4 – Declaration Letter regarding Black listing, Format 5 – Unconditional Acceptance of RFP terms and conditions.	For the mentioned formats 4 & 5, in which we would like to amend “ I am the Director / Company Secretary” to “I am the Authorized Signatory”	Accepted, This Clause stand modified for both Formats 4 & 5 as " I further certify that I am the Director/Authorized Signatory /Company Secretary and am therefore, competent in my Company to make this declaration.
46	Item Number – 18 As per Corrigendum - Indoor Fixed Dome Cameras with PoE	Min. Illumination / Light Sensitivity : : Color mode: F1.2 @ 0.5 lux Black and white mode: F1.2@ 0.05 lux	Change needed: Color: 0.2 lux, F1.3 @ 50 IRE, B/W: 0.04 lux, F1.3 @ 50 IRE Required Specification does no allow renowned players like Axis to bid and appears only few manufacturers could comply	Please Refer Corrigendum 2
47	Item Number – 44 As per Corrigendum - Camera Type A (Box Cameras)	Minimum Illumination: 0.1 Lux@30 (IRE)f1.2 (Colour) & 0.001 Lux @ 30 (IRE) f1.2(B/w)	Change Needed: Color: 0.25 lux F1.4 @ 50 IRE;B/W:0.05 lux F1.4 @ 50 IRE 0.001 LUX is too low for megapixel camera to produce image. The camera shifts to IR mode below 0.1 Lux . Required Specifiction does not allow renowned players like Axis to bid and appears only few manufacturers can comply	Please Refer Corrigendum 2
48	Item Number – 44 As per Corrigendum - Camera Type A (Box Cameras)	High Light & backlight Compensation : Required, Camera should adjust HLC and BLC feature automatically depending on the light condition	Change needed: Remove this. Since WDR is a better feature in terms of extreme light handling(Bright /dark). The said feature is an outdated feature and would not be required. This feature is no longer mentioned on datasheets as WDR is mentioned	Please Refer Corrigendum 2

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
49	Item Number – 44 As per Corrigendum - Camera Type A (Box Cameras)	Video Streams Individually configurable 03 video streams (H.265, H.264, MJPEG)	Remove H.265 or make it optional. Since H.265 is still not a proven technology in the market and not adopted by leading players. This restricts quality players like Axis to take part in the bid. Hence kindly remove H.265	Please Refer Corrigendum 2; Its already optional
50	Item Number – 45 As per Corrigendum - Camera Type B (Box Cameras)	Minimum Illumination : 0.1 Lux(30 IRE)@f1.2 (Colour) & 0.001 Lux (30 IRE) @ f1.2(B/w)	Change needed: Color: 0.25 lux F1.4 @ 50 IRE B/W: 0.05 lux F1.4 @ 50 IRE, Required Specification does not allow renowned players like Axis to bid and appears only few manufacturers could comply	Please Refer Corrigendum 2
51	Item Number – 45 As per Corrigendum - Camera Type B (Box Cameras)	High Light & backlight Compensation: Required, Camera should adjust HLC and BLC feature automatically depending on the light condition	Change needed: Remove this. Since WDR is a better feature in terms of extreme light handling(Bright /dark). The said feature is an outdated feature and would not be required. This feature is no longer mentioned on datasheets as WDR is mentioned	Please Refer Corrigendum 2
52	Item Number – 45 As per Corrigendum - Camera Type B (Box Cameras)	Noise Reduction Ultra DNR (2D/3D)	Remove this. This is a Analogue camera feature and not applicable for IP Digital cameras. Not removing this will lead to disqualification of quality players like Axis	Wrongly asked query, as this specification is not asked in the Bid
53	Item Number – 45 As per Corrigendum - Camera Type B (Box Cameras)	Digital Zoom 16X or better	Allow 12 X. There is not much difference between 16X and 12X when zoomed digitally.Not allowing this change will lead to disqualification of quality players like Axis. Appears only few players can comply.	Please refer corrigendum 2.
54	Item Number – 45 As per Corrigendum - Camera Type B (Box Cameras)	S / N Ratio >55dB	not applicable. This is a Analogue camera feature and not applicable for IP Digital cameras. Not removing this will lead to disqualification of quality players like Axis.	Wrongly aksed as this specification is not there in Type B camera
55	Item Number – 47 As per Corrigendum - Camera	Image sensor and Effective Pixels (Resolution) 1/ 3 or better, CMOS Progressive Scan & Minimum 4 MP or better	CMOS 1/3.2. Theres is no difference in the amount of light/pixels captured by 1/3.2" sensor. Hence request you to allow 1/3.2". Not allowing will lead to quality players	Please refer corrigendum 2

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
	Type D (Panaromic 180 Degree)	with single lens or integrated combination of lens	like Axis not able to comply.	
56	Item Number – 47 As per Corrigendum - Camera Type D (Panaromic 180 Degree)	Minimum Illumination Colour: 0.5 lux, B/W: 0.01 lux (at 30 IRE)	B/W: 0.06 lux. There is no difference in the lux level, not allowing this change will not allow quality players like Axis to participate in the bid.	Please refer corrigendum 2
57	General Camera Features	Operational Temperature °C 0°C to 55 °C	Allow letter of confirmation. Quality players like Axis has buffer operating temperature. Hence a letter of confirmation from the OEM to be considered about operating temperature	No Change, As per RFP
58	Smart City Ahmedabad - Tender Document - Corrigendum 2 About the Project / Page No 11)	The city-wide network/connectivity project will not be the part of scope of work of this RFP. AMC is in the process of implementing the city-wide network in phased manner and as part of the first phase laying of own Optical Fiber Network at a stretch of around 170 km along the BRTS corridor has already begun. This OFC network will act as the backbone of the city-wide network. The primary function of city wide network is to connect all AMC offices, city civic centers, urban health centers, schools and municipal buildings, thereby reducing future bandwidth costs.	As per RFP we understand that back bone network shall be provided by client . Last mile connectivity (Wired /Wireless) from the smart element to the Client's PoP shall be considered by SI. Kindly confirm and also Please share the minimum and maximum distance details from field to Client PoP.	Please refer corrigendum 2; Integration with the SCADL owned Fiber is not required
59	Smart City Ahmedabad - Tender Document- Corrigendum 2 (Integration with Network Connectivity) / Page No	The bidder will be responsible to integrate the different network connectivity as a backbone which are as below: 1) AMC's Fiber optic network along the BRTS corridor 2) Lease circuit and internet connectivity procured through a separate tender	We need to know the backbone network architecture and is the network 1G or 10G. Also we need clarity on the given point.	Please refer above Sr. No. 58

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
	49)			
60	Smart City Ahmedabad - Tender Document - Corrigendum 2 (Smart City Surveillance System (SCSS))/ Page no. 23)	The video surveillance infrastructure under the project shall be created for the two project stakeholder namely SCADL and the Police Department, Ahmedabad, The Video feeds from the surveillance cameras shall be stored at their respective Control Centre i.e. CCC at Paldi for SCADL/AMC and Traffic Control center at the CP office Ahmedabad for Police Department. Further, the same data shall also be viewed their respective Control Centre i.e. CCC at Paldiand MC Viewing Center located at Municipal Commissioner Office at Danapith for SCADL/AMC and Traffic Control center at the CP office Ahmedabad for Police Department	As the camera feeds has to be viewed in different location we need to know if the existing backbone network will support multicast. Kindly Confirm	Please refer above Sr. No. 58, The bidder needs to consider multicast based video streaming in their proposed solution
61	Smart City Ahmedabad - Tender Document Smart Sensors: / Page No 33)	Smart environment sensors will gather data about pollution, temperature, rains, and levels of gases in the city (pollution), air quality, water quality and any other events on a daily basis. It is for information of citizens and administration to further take appropriate actions during the daily course / cause of any event. SCADL is looking at implementation of various categories of smart sensors for effective monitoring and management of the city utilities.	As per RFP Multiple type of environmental sensors are required for sensing water quality , Rain and weather condition .kindly confirm . In 2-Specifications Document we are not finding the specifications for Water and Rain sensing feature. Kindly clarify. Also please mention the quantity bifurcation for each type sensors.	The bifurcation shall details shall be shared with the successful bidder
62	Smart City Ahmedabad - Tender Document - Corrigendum 2 Page No 22	Police Van to storage feeds locally and also have wireless connectivity	In RFP CCTV surveillance network diagram , Police VAN is mentioned , and the feeds needs to be stored locally and transferred to DC via wireless . Kindly confirm the scope of mobile van. As per Corrigendum -5 Price bid there is no line item mentioned for mobile surveillance solution. Kindly clarify.	Not in the Scope of this RFP document

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
63	Smart City Ahmedabad - Financial bid Document - Corrigendum 2 - Page no. 7	Face Recognition System (Application, System Software, applicable licenses with required hardware for application) As per Technical specifications including all Accessories, Installation, Configuration & Commissioning	We understand that the FRS should be capable to match criminal photograph in live/sored video. Kindly share us the quantity of cameras where FRS software has to be installed. (OR) Kindly clarify whether the proposed FRS solution has to be considered only for centralized system or channel license has to be considered? if yes kindly share the Quantity.	please refer Sr. no. 31
64	Smart City Ahmedabad - Tender Document - Corrigendum 2 - Page no. 27	ANPR & RLVD	We request you to mention the exact number of lanes at each location for ANPR & RLVD system	Location details of Traffic Junctions have been shared along with lat and Log details
65	Smart City Ahmedabad - Corrigendum 4 Annexure - A - Page no.23	Annexure A - Locations for AMC/SCADL Cameras	Kindly share the no of cameras to be deployed per locations	Please refer Annx- A corrigendum 4; as per the same location of cameras has been defined. Further actual nos & types of camera at each location will depends upon the feasibility study to be conducted by the successful bidder
66	Smart City Ahmedabad - Tender Document - Corrigendum 4 Annexure B - Page no. 52	Annexure B - List of locations for Police Cameras (Zero Tolerance)	Kindly share the no of cameras to be deployed per locations	Please refer Annx-B corrigendum 4; as per the same location of cameras has been defined. Further actual nos & types of camera at each location will depends upon the feasibility study to be conducted by the successful bidder

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
67	Smart Parking Sensor & Space Availability system - Corrigendum -2 page no. 33	Broad Scope: Bidder is also required to supply, install, commissioning and O&M of Smart Parking Sensors as per the scope of work and technical specification of the RFP.	As per the given scope in RFP, we understand that the SI is responsible to supply, install, commission and O&M of smart parking sensors. As per Corrigendum -5 Price bid there is no line item mentioned for parking sensors. Kindly clarify.	Please refer Corrigendum 5, point No. 128
68	Smart Parking Sensor & Space Availability system - Corrigendum -2 page no. 34	Developer will create either a separate mobile app as solution for parking in Ahmedabad or will integrate the parking availability – information as a service in existing mobile app of Ahmedabad city for citizens. Available parking will be displayed on map interface.	Kindly share the existing App details, locations and quantity details of Parking System	Please refer Corrigendum 5, point No. 139
69	Scope of Work - Corrigendum 2 - Page no. 18	Provisioning of bandwidth will not be included in the scope of the Implementation Vendor; however, all electronics required at the edge locations to use the bandwidth will be included in the scope of the system integrator.	Kindly confirm whether the bandwidth requirement for the all the devices has to be considered by the Client. Only Last mile connectivity is part of SI Scope.	As Above, Sr. no. 24
70	Implementation Timeline - Corrigendum 2 - Page no. 49	Proof of concept for 50 AP and 50 CCTV cameras, with VMS detection and challan generation for speed limit violation and RLVD, ANPR (Instead of central side solution for the application, cloud based solution allowed for the POC, Will have to use CCTV camera and Aps from 3 different OEMs each), eGovernance integration (as per scope of PoC)	As per corrigendum 5, we understand that the proof of concept marking criteria has been removed. Kindly confirm Whether the PoC has to be done or not after 30 days from LoI	Yes, Successful bidder is required to do the PoC as per the Scope of work defined in Tender Documents. As per corrigendum 5 Marking criteria is removed.
71	Corrigendum - 5 - Page no. 42	3 OEM's have only been asked for the POC to check the compatibility of the proposed solutions with multiple OEM's However, Only a single Make and Model has to be proposed in the price bid and only the proposed Make & Model has to be supplied with the RFP deliverables	During POC 3 OEM's are recommended to check the compatibility. But it is mentioned as SI has to propose a single make and model and the same has to be supplied. We need clarity on the same whether we have to propose single make or multiple make.	Please refer Corrigendum 5; Sr. no. 118

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
72	Corrigendum-4 - Page no. 55	Annexure G - List of locations for Surveillance during Festivals -90 Cameras	Kindly Clarify whether the Festival camera comes under police element or AMC/ SCADL scope.	The festival cameras are under scope of Police elements
73	Corrigendum-4 - Page no. 55	Annexure G - List of locations for Surveillance during Festivals	As per Corrigendum 4 - Annexure G, We understand that all the festival camera feeds will be connected to the Traffic control center DC /CCC only . Kindly confirm.	The festival cameras will be connected and viewed at CCC, TCC and other Police Chowki locations. The locations shall be shared with the successful bidder
74	Corrigendum-4 - Page no. 55	Annexure G - List of locations for Surveillance during Festivals	As per Corrigendum 4 Festival camera scope added , kindly clarify the 90 nos of festival cameras are considered in revised price bid or not.	Yes considered. The Cameras deployment for festival/rath yatra is permanent.
75	Corrigendum-4 - Page no. 55	Annexure H - List of locations for Surveillance during Rata Yatra	As per Corrigendum 4 - Annexure H, We understand that all the Rath Yatra camera feeds will be connected to the Traffic control center DC /CCC only . Kindly confirm.	The festival cameras will be connected and viewed at CCC, TCC , Police Chowki or any other AMC locations. The locations shall be shared with the successful bidder
76	Corrigendum-4 - Page no. 55	Annexure H - List of locations for Surveillance during Rata Yatra	As per Corrigendum 4 Rath Yatra cameras scope added , kindly clarify the 94 nos of Rata Yatra cameras are considered in revised price bid or not.	Yes considered
77	Smart Street lighting	General	Kindly share us the location details of smart street lighting system.	The Smart Street Lighting system is to be deployed along the entire BRTS Corridor
78	Corrigendum - 5- Financial Bid	100 UPS for AMC Locations	As per corrigendum 5, we understand that the UPS for Junction/ Field Stands Deleted and is being replaced with voltage stabilizer and surge protection device. But in the revised price bid, the requirement of 100 UPS for AMC locations is asked. Kindly confirm on the same.	These UPS will be used at various offices of AMC spread across the city
79	Corrigendum 2 - Tender document- Page no. 47	Collaborative Monitoring	Kindly share us the collaborative monitoring camera quantity details. Also confirm whether the VMS licensing requirement for the same has to be considered by	Bidder is required to Provide the licenses as asked in the Price Bid

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
			SI or not?	
80	General	General	We understand that last mile connectivity is part of SI scope. based on the feasibility we will consider both wired & Wireless as a connectivity medium. Kindly confirm	Last mile connectivity is in the scope of bidder and it has to be wired only. Wireless mode is not allowed for Last mile.
81	Corrigendum -2 - Page no. 31	Poles for Wi-Fi : The bidder is free to utilize the existing poles/ pillar / fixture for the installation of the same. Wherever required with prior permission from SCADL, in cases these are not available the requirement for the same has to be met by the bidder for the successful project implementation.	Kindly provide us the existing pole quantity details and also pls confirm the poles for the Wi-F requirement has considered under revised price bid or not.	Please refer Corrigendum 5, Sr. No. 50
82	Tender document 2- Page no- 23	CCC at Paldi and MC Viewing Center located at Municipal Commissioner Office at Danapith for SCADL/AMC and Traffic Control center at the CP office Ahmedabad for Police Department	We understand that the video feeds of AMC cameras has to be viewed at MC Viewing center. Kindly confirm whether the viewing center infrastructure set up for both IT and Non-IT components has to be considered by SI or not. Also share the dimension details of MC viewing center. Kindly confirm the MC viewing center BOQ has considered under revised Price Bid or not.	Bidder is required to propose required video wall only as asked in the Bid document. All other IT and Non-IT component is not in the scope of the bidder.
83	Specifications document - Corrigendum 2 - Page no. 32	44) Camera Type A (Box Cameras) : External Illuminator with visibility should be at least 50m, Power requirement & connectivity should be part of the solution. Illumination (Color & b/w) should be sufficient to capture Objects/Faces at night time when there is not sufficient illumination at site.	We are not finding the line item for the IR Illuminator in the corrigendum-5 revised price bid kindly clarify. Kindly confirm we will consider the IR illuminator requirement under the respective cameras.	Yes, bidder is required to considered required IR illuminator cost under the respective cameras only
84	Corrigendum -4 Page no. 6	Section 46: Technical & Functional Specifications- Camera Type C PTZ : Accepted, External IR also allowed	We understand that the external IR illuminator also allowed for PTZ camera. But we are not finding separate line item for the same requirement. We request you to add the same.	As above, Sr. No. 83
85	Corrigendum - 5 Revised	S.No 33 Video Management Software with required hardware for both CCC and TCC -	As per Revised Price Bid we are finding the hardware(Server) requirement in S.No 24 & 69	Please refer above Sr. No. 44

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
	Price Bid	1 No	separately for both the DCs , But in S.No 33 it is mentioned VMS software with required hardware . Kindly clarify whether VMS hardware (server) needs to be considered under S.No 33 or not.	Please see Revised Price Bid for Updated quantities of Servers i.e. Sr. no. 24 quantity stand revised as 10nos and Sr. no. 69 of price bid stands deleted
86	Corrigendum - 5 Revised Price Bid	S.No 24 Blade Server with Chassis - 32 Nos		
87	Corrigendum - 5 Revised Price Bid	S.No 69 Blade Server with Chassis - 26 Nos		
88	Corrigendum - 5 Revised Price Bid	S.No 33 Video Management Software with required hardware for both CCC and TCC - 1 No under Central Infrastructure	As per RFP , the Video feeds from the surveillance cameras shall be stored at their respective Control Centre namely SCADL DC & TCC DC. Necessary video feeds to be processed and recorded from their respective DCs. But in revised price bid sl.No 33 " Video Management Software with required hardware for both CCC and TCC - 1 No" is mentioned under Central (SCADL) infrastructure only .Kindly clarify.	Proposed VMS Should allow functionality of Recording and Viewing of Video feeds at Multiple locations
89	Corrigendum -2 Tender Document Page no 23	The video surveillance infrastructure under the project shall be created for the two project stakeholder namely SCADL and the Police Department, Ahmedabad, The Video feeds from the surveillance cameras shall be stored at their respective Control Centre i.e. CCC at Paldi for SCADL/AMC and Traffic Control center at the CP office Ahmedabad for Police Department.		
90	Corrigendum - 5 Revised Price Bid	S.No 35 : VMS workstation License : 35 Nos	As per revised Price Bid the total number of workstation in SCADL CCC& TCC is 153 nos. including touch monitor it is 162 nos but in BOQ we are finding only 100 license kindly clarify.	Quantities are correctly mentioned in the Price bid
91	-	Extension of Bid Submission Schedule	<p>We would like to inform you that we are very keen to participate in this tender and are working diligently towards the same. As the project is for Command and Control Center, a lot of ground works needs to be done and our team is working to give you the best and unmatched solution for the said project.</p> <p>However we have a humble request for the bid submission deadline to be extended by min. 2 weeks i.e., upto 19th April 2017 to finalize the solution, hardware components and documentation required for satisfying the relevant clauses of the tender.</p>	Please refer Corrigendum 6 for revised dates

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
			<p>In view of the above mentioned points, we request you to kindly assist us and consider our request so that we can propose an apt techno-commercial solution as per tender requirement.</p>	
92	3.2 broad scope of work/b) face recognition system, page no. 24	1. Bidder is responsible for supply, installation and commissioning of face detection system at the Data Center/CCC.	<p>1. Technical evaluation for the biometric solutions including the face recognition is conducted by NIST globally. OEMs have participated in the NIST FRVT test, should be the criteria for eligibility for this RFP.</p> <p>Recently in India, the Research Designs and Standards Organization (RDSO) has done deep study and work on the face recognition solutions that are available. RDSO have finalized the technical specifications, please find attached the specification document for your reference. This also mandates that the Face Recognition solution that needs to be offered must have NIST FRVT participation.</p>	Please refer Sr. 31
93	3.2 broad scope of work/b) face recognition system, page no. 24	2. Bidder is responsible for integration of the system with existing database of state and national crime records such as e-GujCop, CCTNS etc.	<p>Integration of CCTNS data follows some standards which again is NIST and STQC.</p> <p>Below are the important parameters to define the eligibility of OEMs/Vendors who can produce the actual results in practical environment-</p> <p>1. The proposed FRS solution should have proved Accuracy of more than 85% for FPIR 0.002 with 1600K database.</p> <p>2. The FRS engine must have participated in Performance of Face Recognition Algorithms on Compressed Images by NIST.</p> <p>3. The proposed software OEM must have participated in the NIST FVRT in last 3 years.</p>	Please refer Sr. 31

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
			4. The software proposed in the project and the OEM of the algorithm participated in the NIST FVRP must be same. 5. For substance of the project we request you to make it mandatory for the OEM of face recognition to have an office in Ahmadabad.	
94	3.2 broad scope of work/b) face recognition system, page no. 24	4. Face Recognition/identification system should be capable enough to match criminal photograph in live/stored video.	1. For face recognition what will be the database size of criminals/black list/VIP list. (we recommend to have min 50,000 faces in database)	Please refer Sr. 31
95	-	Solution design requirement queries.	1. At how many locations will the online Face recognition software be required? Pls suggest. 2. For how many cameras would the face recognition software license be required? Pls suggest. 3. Do you need each location to have an individual Face database for local matching. Which in-turn should be linked to a central database and should be updated automatically with all local database ? 4. Is mobile software application required to send the face data from field (through mobile) and real time matching will be done by the server and result will be sent back to the mobile device? Please suggest. 5. Do you need the FRS to be a web based application so that users can get the alerts over a browser?	
96	-	-	Proposed software should have been implemented in Indian environment in at least two city surveillance projects.	Please refer Sr. 31
97	-	-	Facial recognition software should be running on minimum 10 CCTV cameras or more in any city surveillance project in India.	
98	Corrigendum 5, Point No.150. (Reference to Implementati	Point 1. Connectivity and Internet Bandwidth for PoC will have to be provided by successful bidder at specified location	Please share the PoC Locations which will help in calculating bandwidth cost for PoC. Also let us know the bandwidth per PoC location required.	PoC location for AP will be Usmanpura Garden and for the Cameras shall be Usmanpura Junction. Please refer Sr No. 24

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
	on timelines Point No.5, Page 50.)			
99	General		Please confirm the no. of Helpdesk Users and who would be using the Command Coontrol Application. Also confirm the appx. external users for WiFi usage per day.	As per RFP
100	Corrigendum 5, Point 15 & 16	Air-conditioning for the CCC, TCC and Data Centre is not in the scope of the Bidder, the same has been taken up through a separate tender by SCADL	As there is no scope of PAC and CAC units. Shall we assume there is no scope of integration with BMS as well. Please confirm	Please refer Sr. No 26
101	Corrigendum 5, Point 18	Electrical Work where ever required for the successful implementation of the project, will have to be done by the bidder for CCC, TCC, Data centers. However the LT Panels, distribution boards, Light Fixtures, Point wiring etc. has been taken up through a separate tender.	As there is no scope of LT Units in this Tender, Shall we assume that there is no scope of integration with BMS as well.	Please refer Sr. No 27
102	Corrigendum 5, Point 38	Area details for CCC-DC and TCC-DC : Annexure 1 of Corrigendum 5 - detailed layout.	<ol style="list-style-type: none"> 1. For BMS Integration Do we need to consider all the floor givein in the Layout (G+3 floors + Terrace floor, Machine room and OHT) 2. Please provide the Void Breakup (i.e., False ceiling and False flooring height). 3. We could not read the Room Names and dimensions from teh Police Control Room – GF & 1F Layout diagram. Please provide clear layout with details. 	Please Refer Sr. 29
103	Corrigendum 2, Financial Bid	Furniture-Cubical	As per financial bid document office cubical quantity is 30 and as per Corrigendum 5 AMC 2nd Floor layout plan cubicle seat quantity is 34. Confirm whether SI to supply 120 seater 30 cubical or cubical which could accommodate 30 people.	As Above, Sr. no. 32
104	Corrigendum 2, Page No.10, Clause No.10	Refresh Rate >120 Hz. Most of the displays support Refresh Rate from 50 to 60 Hz. Therefore request to amend the clause accordingly	None of the IPS display Manufacturer is meeting the refresh rate of greater than 120 Hz. Therefore request you to kindly reduce it to 60 Hz	As Above, Sr. no. 33

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
105	Corrigendum 2, Page No.10, Clause No.10	Standard Outputs - 1x CVBS BNC. Standard Output Interface should be read as 1 x Digital DVI-D, 1 x DP-1.2 Port	Required output video format is obsolete therefore request you to kindly delete this as output from the specifications. Standard Output Interface should be read as 1 x Digital DVI-D or 1 x DP-1.2 Port	As Above, Sr. no. 34
106	Corrigendum 2, Page No.37, Clause No.50	Average Power Consumption - 200 Watt / m2 Maximum Power Consumption - 600 Watt / m2	Average Power Consumption varies from 200 Watts / m2 to 300 Watts / m2, depending on the content being run. So we either request to amend the clause to less than 300 Watts or the clause to be deleted and Maximum Power Consumption shall prevail. Supporting documents from OEMs like LG and Envoys have been enclosed	No Change, As per RFP
107	Corrigendum 2, Page No.38, Clause No.51	Average Power Consumption - 260 Watt / m2 Maximum Power Consumption - 800 Watt / m2	Average Power Consumption varies from 250 Watts / m2 to 450 Watts / m2, depending on the content being run. So we either request to amend the clause to less than 450 Watts or the clause to be deleted and Maximum Power Consumption shall prevail. Supporting documents from OEMs like LG and Envoys have been enclosed	No Change, As per RFP
108	Page 24	The VMS should support viewing of multiple cameras in one screen or viewing of one camera feed on one screen based on user selection. Multiple camera views will support 2*2, 3*3, 4*4, 5*5, 6*6, or alternatively 3*2, 4*3, 5*4, 6*5, 7*6, 8*6 camera feeds on the same screen.	The alternative views in 3*2, 4*3, 5*4, 6*5, 7*6, 8*6 will not maintain aspect ratio of 4:3 or 16:9 in view port and may look in-appropriate. The possible alternative views can be 1+5, 1+7, 1+11	No Change , As per corrigendum 2
109	RFP - Page 24, c) Video Analytics	Attribute based search for Objects and People such as vehicle color, cloth color, size, height etc.	we understand this clause is for post analysis of the scenario , not for online purpose please confirm	Yes, This is for Post Scenario analysis
110	RFP - Page 27, RLVD System	The system should be able to do simultaneous monitoring of multiple lanes and should be able to identify multiple Red Light Violations simultaneously within the same lane/ Road	in RLVD system, there are two types of cameras are involved. 1) ANPR Camera, which is taking number plate of each violating vehicle. 1 camera per Lane 2) Evidence Camera to cover the whole junction. 1 evidence camera per each side of the junction	This clause means that an RLVD camera should be able to monitor multiple violater of red light at the same time in the single arm of the road.

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
			covering 4 lanes so its not possible to achieve single camera to for ANPR and RLVD.. request to pl relax this clause	However, respective ANPR cameras of the arm will capture the vehicle number plate.
111	E-challan (Page 29)	o The successful bidder is required to handover/submit source code, SoPs, documents, FAQ along with all the patches and upgrades of the system.	The source code and other related internal documents are intellectual property of any software OEM and IP rights does not allows to be shared out side for any other purpose for any RFP / tender specific delivery and or scope of deliverables. Request to relax this requirement.	Please see corrigendum 2 (Tender Document; page no. 29); Source code is not required
112	FRS - Technical specs	6) People Search - The applications should also be able to do People search based on a given description/attributed/Sketch/Full length photograph description/attributed/Sketch/Full length photograph 7) Should have an interface to Create sketches, Composite (Human like Figure) of the suspect based on description. There Shall be different options available for describing hair color and style, Facial Attributes, shirts, trousers, patterns, etc.	Not practical feature available as on date with any OEM. Please relax this requirement	No Change as per RFP
113	(Page 27) Tender Document Corrigendum 2>>> Section- 3: SCOPE OF WORK>>> 2) Area Traffic Control System>>> b) Red Light Violation Detection System	System should also have built in smart algorithm for identification of the defaulter for other types of challenging such as without Helmet, without seat belt, with 50% accuracy in first year of operation which is to increase by 10% every year etc.	although this query was clarify in corrigendum 5. with the reference of corrigendum 2. we assume that this is manual process alter RLVD or speed camera detect violation..	Requirement of Automatic detection of without Helmet and Seat belt and violations stand optional

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
114	Face Recognition System	For Face Recognition System, we need details of a) Number of cameras to be used for face recognition b) Database size	This query was sake on corrigendum 5. but not giving a very clear evidence to address this clause. Facial recognition licenses work on 2 parameter mentioned below : 1. size of data base to which images /vide to be match and accordingly licensing to be done 2. number of camera used for facial recognition.. to arrive with correct costing we request to clarify 1. what is data base size 2. number of camera used for facial recognition	Please refer Sr. No. 31
115	-	-	Also clarify the below details for LED board, The Led boards 8mm are to be mounted on Gantry. WHAT KIND OF GANTRY IS REQUIRED – HEIGHT OF GANTRY; WIDTH OF GANTRY THIS WILL HAVE AN IMPACT ON THE PRICE.	Please refer Sr. no. 134
116	-	-	Clarification Required: The outdoor equipment's like cameras, LED Wireless Communication system, AP's have been defined with operating temperature range. Please specify how much operating temperature range need to be considered for other outdoor equipment's or please specify the standard/certification we have to follow for to meet environmental requirements for outdoor equipment's.	No Change, As per RFP Ambient Temperature range is 0 to 55 degree. However bidder needs to adhere to the Point no. 21 defined under the additional clarification mentioned below.
117	-	-	Clarification Required: The outdoor equipment's like cameras, LED Wireless Communication system, AP's have been defined with operating temperature range. Please specify how much operating temperature range need to be considered for other outdoor equipment's or please specify the standard/certification we have to follow for to meet environmental requirements for outdoor equipment's.	As above, Sr. No. 116

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
118	Corrigendum 5 page no. 21,point no. 79	The Clause stands modified as" Please note that if the successful bidder fails to complete Proof of concept in 30 days or perform as per the requirement of SCADL even after second attempt of 15 days, then his EMD will be forfeited, contract terminated, and work will be assigned to L2 bidder, subject to his acceptance, at cost to the successful bidder	Please help to amend the clause as" Please note that if the successful bidder fails to complete Proof of concept in 30 days or perform as per the requirement of SCADL even after second attempt of 15 days, then his EMD will be forfeited, contract terminated, and work will be assigned to L2 bidder" . *This clause will always a threat and high risk involve with L1 bidder and give lot of advantage to L2 , so we request to give the fair opportunity for all the participants bidder and help to amend as per the request. * Management approvals will not be granted for participation if the above suggested changes are not reflected in the RFP terms as the risk associated is too high	As above, Sr. No. 2
119	Corrigendum 5 page no. 1	Online Price Bid Submission Date- 05/04/2017 up to 17:00 Hrs.	Request to increase the due date by 2 weeks from the bid submission date. RFP involve require lot of smart city components, to integrate with different OEM and prepare the desired solution as per the RFP, so request to increase the due date	Not Accepted
120	Corrigendum 5 page no. 1	Technical Bid Submission (in Hard Copy) Filled-in Technical Bid along with Bid Fee, EMD and other documents- In Sealed envelope strictly by RPAD/ Postal Speed Post/ Courier on or before 06/04/2017 17:00 Hrs. to CEO Smart City Ahmedabad Development Ltd (SCADL), Ahmedabad Municipal Corporation, Sardar Patel Bhavan, Danapith, Ahmedabad, Gujarat 380001 with necessary documents (Tender Fee, EMD, etc.) as mentioned in the RFP	Request to please provide 4 working days from the submission of online tender, Tender process will be conducted from HO or regional offices, and generally transit time in speed Post or RPAD will take 2 to 3 days	Clause Revised As: <u>Technical Bid Submission (in Hard Copy)</u> Filled-in Technical Bid along with Bid-Fee, EMD and other documents- In Sealed envelope strictly by RPAD/ Postal Speed Post/ Courier/ by hand on or before <u>21/04/2017</u> 17:00 Hrs. to CEO Smart City Ahmedabad Development Ltd (SCADL), Ahmedabad Municipal Corporation, Sardar Patel Bhavan, Danapith, Ahmedabad, Gujarat 380001

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
				with necessary documents (Tender Fee, EMD, etc.) as mentioned in the RFP.
121	-	-	<p>In regard of Tender No: 1 Smart City Ahmedabad Development Ltd (SCADL) 241853 for Selection of Implementation Agency for Supply, Installation, Commissioning and operation & maintenance of Pan city ICT Infrastructure and Integrated Command and Control Centre for Smart City. Ahmedabad (Gujarat) – Smart city Ahmedabad Development Ltd(SCADL), we would like to clarify following requirement for outdoor equipment's which will be installed at outdoor locations :</p> <p>Clarification Required: The outdoor equipment's like cameras, LED Wireless Communication system, AP's have been defined with operating temperature range.</p> <p>Please specify how much operating temperature range need to be considered for other outdoor equipment's or please specify the standard/certification we have to follow for to meet environmental requirements for outdoor equipment's.</p>	As above, Sr. No. 116

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
122	-	Bank Gaurantee	<p>As we are submitting the EMD in the form of BG, our banker requires the following details from the Beneficiary bank without we can't proceed for BG.</p> <p>1) Name of Bank : 2) Bank address : 3) Bank Account No : 4) IFSC CODE : 5) MISR CODE : 6) BRANCH CODE :</p> <p>As per the RBI guidelines we require the above details for issuing the Bank Guarantee.</p> <p>Request you to get the following details at the earliest.</p>	Please refer Corrigendum 6
123	-	-	The RFP Requirement for parking sensors is infrared based sensors to be installed only at entry and exit points and are not per slot sensors.	Yes, Understanding is correct
124	-	-	The integrated dashboard requirement is a smart city ide dashboard. The scope of smart parking would be to integrate with the dashboard or IOT platform and provide the parking related information (via API calss) to it.	As per RFP
125	-	-	Additional LED Display specification not clear.	Please refer Sr. No. 59; Corrigendum 5
126	-	-	Traffic control and police data center - As per corrigendum 2, minimum width of the desk has to be 1800 mm where as in layout drawing page no 62 and 63 they had mentioned 2100mm with provision of 2 usefrs. Also the quantities asked in the BoQ is 50 Nos whereas in the layout it is only 45 Nos. Please confirm what to be considered.	For quantities please follow the Price Bid only. Width of desk is 1800mm only. 2100mm width mentioned in layout is including Desk width plus some open space.
127	-	-	Central infrastructure - As per BoQ required quantity is 25 Nos. where as pe the layout shown is 36 Nos. Please confirm on what to consider.	No Change

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
128	-	-	Central infrastructure- They has asked for 30 Nos. of cubical, please confirm it will be for 30 persons or for 120 persons. (As cubical is eant for 4 persons and asked quantity in BoQ is 30 so t has to be for 120 person but in ayout only 32 users are shown). Please confirm what to be considered.	As above, Sr. no. 32
129	-	-	Led Display boards Type 1 (P10) with complete mounting/installation and commissioning on monopole (9mX4.5m) in the BoQ it si given in Sq. Mtr. Please clarify is rit Nos/mtr/sq.mtr.	Correct UoM is "Sq. Mtrs"
130	-	-	Kindly confirm in which section the financial bid letter - Format 14 to be submitted as the online section doesn't have the attachment icon.	Upload on amc.nprcoure.com in the financial bid section
131	Section 2 Eligibility Criteria Clause No 9 Page No 15	<p>OEMs of proposed equipment/components should have their own registered office in India as per the prevalent/ applicable laws of India and be in operation in India for last five years as on the bid issuance date.</p> <p>Registered offices by way of Joint ventures, Franchise, agency, distribution partners will not be considered.</p> <p>a.) OEMs for networking devices at aggregation layer and data center layer should be one of the top five from the GARTNER list of top five companies for data center networking</p> <p>b.) OEM for other networking equipment's should be in the top Five positions in terms of market share in India as per latest available IDC report or should be present in latest Gartner magic Quadrant.</p> <p>c.) OEM for storage and servers should be from companies featuring in Gartner magic quadrant in leadership position.</p> <p>Document required: Undertaking & copies of supporting documents from the Bidder</p>	<p>We hereby request to remove the term " Registred offices by way if joint ventures, franchise, agency, distribution partners will not be considered." To provide the equal level playing field to all OEMs and to within then benefit for the project. It seems that this particular term has been added intentionally favoring certain OEMs. Individual or commpanies choose to enter joint ventures, stengths, minimzes risk and increase competitive adv So, ultimately it would be in benefit to the end users. Also this particular term doesnt completely serve the goos OEMs, As this term doesnt assess the strength. So its our bumble request in interest of project and for better community, you shold remove following term. "Registred offices by way of joint ventures, franchise, agency, distribution partners will not be considered."</p>	No Change, As per RFP

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
		confirming the compliance along with the OEM authorization.		
132	Tender documents Corrigendum 2 Page 114 Clause 6.2	Tender documents Corrigendum 2 Page 114 Clause 6.2	In the e-tendering portal http://amc.nprocure.com , Bidder needs to submit the tender fee, EMD details and price bid only. We understand we need to submit Prequalification bid and technical bid through Hard copy only.	Yes
133	Corrigendum 4, # 64, Serial No 13, page 22	Revised Price bid and BoQ quantities format is uploaded on nProcure portal	Currently bidders need to submit their item-wise price bid in the nProcure portal. As it is a manual entry process, hence the chances of error are very high. Also it need atleast 1-2 hours time to fill all the fields. Normally the portal goes log out after few minutes of inactivity. Hence we sincerely request you to allow bidders to upload price bid only in Excel sheet to avoid unnecessary complexity of the portal. Kindly consider our request and share the price bid in excel format to upload in nprocure portal.	Kindly refer revised price bid format.

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
134	Price Bid on the portal,S.No 46 and 48	LED Display Boards Type-1 (P10) /P(8) with complete mounting/installation & commissioning on monopole (9 m X 4.5 m) and (8m x3 m)	As the size of P10/P8 are too large, same cannot be mounted on monopole. Please suggest an alternative.The size and dimensions of P10 and P8 which has been specified is not feasible for monopoles to sustain such high loads.So we suggest to either reduce the dimension from 9m x 4.5 m to 3m x 2m or increase the no of monopoles if the the size is to be maintained 9m x 4.5m from 30 to 120.	1) The Dimensions mentioned in the Sr. No. 46 i.e. 9m x 4.5m and Sr. no. 48 i.e. 8m x 3m are the sizes of LED Display Boards and not the Sizes of the Monopole/gantry. 2) As per Corrigendum 2 Tender Document: LED Display Board Type-1 has to be mounted on Monopole and LED Display Board (Type-2) on Gantry. Bidder is required to design, structure, erect and maintain required Mounting Structure of both these types.
135	CCC RFP - Smart City Ahmedabad - Tender Document Corrigendum 2, Page 15, Point 9.Eligibility Criteria	OEM Authorization : 1. OEMs of proposed equipment/components should have their own registered office in India as per the prevalent/applicable laws of India and be in operation in India for last five years as on the bid issuance date. Registered offices by way of Joint ventures, Franchise, agency, distribution partners will not be considered.	"..... in operation in India for last five years as on the bid issuance date. "This particular clause is limiting the OEMs options for smart elements like Smart parking solution, Environmental sensors etc who have developed these solution and started their operation in last 1-2 years by they are doing good in ongoing projects in India. We request SCADL to kindly limit the applicability of this 5 years clause to major items only. This will encourage "make in india" initiative of GoI.	The requirement of OEM Presence and be in operations in india for the last five years as on bid issuance date is not applicable for the Environmental Sensors and Smart Parking Solution.
136	Additional Clarification	1.) All the interested bidder should take a note of following: "Price Bid-Schedule-II: Operations and maintenance cost for 5 years to be quoted by the bidder should not be less than 25% of sum total of all the line items of schedule-I" 2.) Video Management System (with required Hardware is to be sized for "12000 Cameras", However the bidder is required to provide Licenses for 7000 cameras. 3.) Price Bid: New item added "IP Camera Type B: Surveillance with Moterized Zoom, Varifocal Lens" Qty 210 " 4.) Specification Document: Item 45 Camera Type B is Box Camera , Point 11, "IR Illuminator: has to be an External device" 5.) Specification Document: Item 46 Camera Type C: Point 8 ,specification revised as "WDR: True WDR 100 db or better" 6.) The Requirement for the Camera Type D: 180 Degree Camera stands removed from the Scope of this RFP Document and the same is reflected in the revised price bid		

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
		7.) Required APIs for Integration of Existing eGovernance applications of AMC are ready and available with the SCADL, It will be provided to the successful bidder for integration of the same.		
		8.) Specification Document: Item 44 & 45 Camera Type A & B : Point No. 3 is revised as Focus: Auto Focus and Manual Focus both		
		9.) Indoor Access Point: Point no. 8 Modified as -"The Access point shall be rated for operation over an ambient temperature range of 0° to 40°C"		
		10.) Junction Box: Point no. 1 -It is to be clarified that Side and wall panel need not to be constructed with Double wall		
		11.) Edge Router Type 1 (Sr. no.56 of price bid)- STANDS Removed, Not Required		
		12.) Edge Router Type 2 (Sr. no. 57 of price bid)- STANDS Removed, Not Required		
		13.) Edge Router Type 3: # Item has been Renamed as "Edge Router (For Wi-Fi Hotspot) Further, The required quantities is also revised in the Final price Bid to 45 nos. # (Point no. 1) revised as: Router should support minimum capacity of 1 Gbps with at least 2 no of 1G SFP ports and minimum 4 nos. of 10/100/1000 Base Tx Ethernet ports # New Point no.11 Added as "Features of DHCP (including option 82), DHCP Relay NTP or equivalent, SNMPv1, v2 & v3, TELNET/ SSH"		
		14.) Sr. No. 66; Point no. 6 (Tenchical specification document as per Corrigendum 2): Revised as "A Photocell in every Node/Gateway: Lighting Controllers/Gateway should be with inbuilt photo-sensor which makes the units operational the moment it is plugged into the Lights"		
		15.) Sr. No. 66; Point no. 13 & Sr. no. 67 (Tenchical specification document as per Corrigendum 2): It is to be clarified that LED Wireless Communication system should use standard protocol (Zigbee Pro/ 6 Lowpan/LoRa)		
		16.) Sr. No. 66; Point no. 16 (Tenchical specification document as per Corrigendum 2): Network Type clause modified as: Self-forming mesh/Star network		
		17.) Sr. No. 66; Point no. 16 (Tenchical specification document as per Corrigendum 2): GPS Module is not required, However bidder needs to tag all the Pole on a Map as a one time activity at the time of installation.		
		18.) Sr. no. 66 (LED Control Node for Individual lamps)-Point No. 16 (Tenchical specification document as per Corrigendum 2): Operating Conditions clause revised as " Temperature: Ambient temperature range 0-55 degree celsius. The bidder has to take into consideration of the internal temperature adjustment of the bracket.		
		19.) Sr. no. 67 (LED Wireless Communication system)-Tenchical specification document as per Corrigendum 2: Normal Operation, Restricted operation and storage temperature clause revised as " Temperature: Ambient temperature range 0-55 degree celsius. The bidder has to take into consideration of the internal temperature adjustment of the bracket/Enclosure.		

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
		20.) Sr. no. 68 (LED Wireless Communication software)-Tenchical specification document as per Corrigendum 2: Storage temperature clause revised as " Temperature: Ambient temperature range 0-55 Degree Celsius. The bidder has to take into consideration of the internal temperature adjustment of the bracket/Enclosure.		
		21.) Operating Temperature: The Solution asked under this RFP shall be executed as an EPC based Contract for the bidder to meet the outcome. All the devices/equipment installed and exposed to the outdoor/external environment, they must adhere to the external condition, Heat and weather requirement and suitably rated to meet the desired outcome. further, it is the responsibility of the bidder to manage the same for 5 years w.r.t to the Scope of work, terms and condition of the tender document.		
		22.) New Item has been added in the SoW and Price bid of the RFP i.e. "Managed Outdoor L2 Switch with PoE - 8-port (With Fiber Port)" Specifications- Minimum 8 No's of 10/100/1000 Base-Tx PoE ports (Duplex, Full, Half) and 2 x 1G SFP Uplink port. Rest all specification remains same as per the Sr. no. 55 of the Specification Document issued under Corrigendum 2		
		23.) Item. no. 114 i.e. Video Analytics over Live Video Feeds of Price Bid- Stands Deleted, Not Required		
		24.) Item no. 33 of price Bid is revised as " Video Management and Video Analytics (For 8 Channel) Software with required hardware for both CCC and TCC		
		25.) Tender Document as per Corrigendum 2: Section 5- SLA & Penalties (Page no. 139 - Sr. no. 5) penlaty clause is revised as below:		
		a) Level 1 incidents: .25% of QP every two hour delay, capped to 3% of QP every incident		
		b) Level 2 incidents: .10% of QP every two hours delay, capped to 1% of QP every incident		
		c) Level 3 incidents: .10% of QP for every delay of 6 hours, capped to 1% of QP every incident		
		d) Level 4 incident: .1% of QP for every delay of 12 hours, capped to 1% of QP every incident		

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
		26.) Sr. no. 10 & 12 (page no. 138; Tender document as per corrigendum 2) Stands removed		
		27.) Sr. no. 10 & 11 (page no. 140; Tender document as per corrigendum 2) Stands removed		
		28.) Tender Document as per Corrigendum 2: Section 5- SLA & Penalties (Page no. 139 - Sr. no. 6-Time Line for Retrieval from the Storage) penlaty clause is revised as below:		
		Required SLA terms: Maximum 30 Minutes for per request is allowed		
		Penalty terms: Rs. 500/- per instance of late retrieval beyond 30 minutes. Note: Data Retrieval Request Through a Request Log Mechanism		
		29.) General Clause: Following clause over rides all the technical specs defined in the RFP.		
		Specification mentioned in respect of different items, the bidder is free to quote a product with better specifications. Better specifications for the product would mean:		
		a. In case of a camera, higher pixel resolution, lower focal length on lower end of zoom and higher focal length on higher end of zoom, more frame rates than sought, bigger sensor size (number on denominator being smaller when sensor size presented as 1/x" size), better pan/tilt angles, better zoom (bigger than ## * times specified),		
		b. In case of LED panels, higher pixel density, higher brightness as expressed in nits or lumens, more LED per pixel than sought, quicker response to signals in millisecond,		
		c. In case of networking devices, better through put, more number of ports for ethernet or fibre as specified,		
		d. In case of WiFi AP, better range in meters, better throughput, more concurrent users connecting, more wattage radiating.		

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
		<p>30.) Tender Document-Corrigendum2-Point no. 10.1-Implementation Timeline-Sr. no. 6 required timeline clause is revised as-"Within 180 calendar days from the date of approval of PoC" Note: FAT: FAT evaluation within 15 days of reporting to SCADL and Police Officers. Rectification of faults reported in FAT and go live of solution - one month from the date of providing feedback by SCADL on FAT</p>		
		<p>31.) In POC following will be seen and evaluated:</p>		
		<p>a) Whether AP and CCTV cameras of 3 OEM each connect and are discoverable by the Controller and VMS</p>		
		<p>b) Whether users can connect to these APs and access internet services seamlessly without the need to register again for AP as they move from one to another AP</p>		
		<p>c) Whether APs allow multiple SSIDs and allow different rules for users to log in for SSIDs</p>		
		<p>d) Whether CCTV feeds of 50 cameras are all discoverable in VMS and can be seen simultaneously on monitors (TV/PC monitor)</p>		
		<p>e) Whether RLVD/ANPR solutions are reporting the events of violations along with the contextual screen shots with sufficient accuracy (as demanded in this RFP) for recognition of number plates?</p>		
		<p>f) In few cameras with auto zoom, auto focus, (2 or 3 cameras may be shown) whether it is possible to zoom from remote location (depicting a control room) from lowest to highest focal length with auto focus?</p>		
		<p>g) Does the camera work as per wide dynamic range sought? This will be tested during night time by positioning a car with head lamp focusing in the camera and minimum 60% of viewing area of camera will contain lateral space (Horizontally) outside the car to see if the details of headlamp, car frame, and an object located 15 feet away from car when the car and objects are placed 50 feet away from the camera, are clearly discernible. And object being visible clearly.</p>		
		<p>32.) Specification Document: Item 44. Camera Type A : Point No. 1 is revised as: "1/ 2.8" or better, CMOS Progressive Scan & Minimum 2 MP (for ANPR & Speed Detection @ 50/60 FPS) and Minimum 8 MP (for RLVD @ 20 FPS) or better"</p>		

#	Reference Sections	Content in the RFP requiring clarification	Queries	Response to Queries
		33.) Price Bid: A New line item as "IP Camera (Type A): for RLVD with 8 MP " Qty 520 " has been added		
		34) LED Display board dimensions have been revised. Please refer revised price bid.		