



## **Pre Bid Response & Corrigendum Document**

**For**

**Design, Supply, Installation, Testing, Commissioning and Maintenance of  
City Surveillance System and Integrated Traffic Management System**

**DURG City**

**Office of the Superintendent of Police**

**Durg, Chhattisgrah-491001**

**Phone: 0788-2322071, Fax 0788-2211999**

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Tender Reference Number: SP/DURG/AC-1A/01/2017  
Dated 22/07/2017

Project Name: Selection of Agency for Design, Supply, Installation, Testing, Commissioning and Maintenance of City Surveillance System and Integrated Traffic Management System

Reference Number: Pre Bid Response 01/ SP/DURG/AC-1A/01/2017  
Dated 04<sup>th</sup> August 2017

Note: Bidder are requested to please submit the signed copy of this corrigendum with the Technical Bid in envelope B.

### **Corrigendum and Addenda:-**

A. The following Addenda are to be read, as mentioned below at **Page no. 95, point no. K Firewall**

Firewall should have IPsec VPN, SSL VPN, IPS, AV security functionalities

B. The following Addenda are to be read, as mentioned below at **Page no.36, Section 3.1: Eligibility Criteria.**

(5a.)The bidder must have successfully completed and Running the project for more than a year, for Government / PSU, any one of the following criteria:

One project of City/Outdoor Surveillance involving total number of Outdoor Surveillance Cameras  $\geq 150$

or

Two projects of City/Outdoor Surveillance each involving total number of outdoor Surveillance Cameras

$\geq 100$  or

Three projects of City/Outdoor Surveillance each involving total number of outdoor Surveillance Cameras  $\geq 80$

AND

5b. The bidder should have executed at least one project of Surveillance with ANPR Camera in any Govt. /PSU department

C. The following Addenda are to be read, as mentioned below at **Page no.40, Point 2: Technical Evaluation Criteria**

- 5 City/Outdoor Surveillance project involving at least 100 ANPR and Surveillance Cameras (Two project of more than  $\geq 150$  camera is mandatory) – 40 Marks
- 3 City/Outdoor Surveillance project involving at least 100 ANPR and Surveillance Cameras (one project of more than  $\geq 150$  camera is mandatory) – 30 Marks
- 3 City/Outdoor Surveillance project involving at least 80 ANPR and Surveillance Cameras (one project of more than  $\geq 100$  camera is mandatory) – 20 Marks
- 1 City/Outdoor Surveillance projects each involving total number of ANPR and Surveillance Cameras  $\geq 150$  – 20 Marks
- 1 City/Outdoor Surveillance projects each involving total number of ANPR and Surveillance Cameras  $\geq 100$  – 15 Marks
- 2 City/Outdoor Surveillance projects each involving total number of ANPR and Surveillance Cameras  $\geq 80$  – 15 marks
- 1 City/Outdoor Surveillance projects each involving total number of ANPR and Surveillance Cameras  $\geq 80$  – 10 marks

D. The following Addenda are to be read, as mentioned below at **Page no.71, Point 1: ANPR Camera.**

"IP camera: 3 megapixel or above, Power over Ethernet "

- E. The following Addenda are to be read, as mentioned below at **Local Processing Unit.**  
**Page no.122, for Phase 1**

<b>6</b>	Local Processing Unit	Nos.	10
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**Page no.122, for Phase 2**

<b>6</b>	Local Processing Unit	Nos.	20
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- F. The following Addenda are to be read, as mentioned below at **Page no.77, Point 39: Fixed Box Camera.**

"-5°C ~ 55°C Humidity 20–90% RH (non condensing)"

- G. The following Addenda are to be read, as mentioned below at **Page no.78, Point 12: PTZ Camera.**

“Alarm 02/01

- H. The following Addenda are to be read, as mentioned below at **Page no.78, Point 20, PTZ Camera.**

“**4.25** to 129 mm (30X), F1.6 or better motorized Varifocal, Autofocus ”

- I. The following Addenda are to be read, as mentioned below at **Page no.79, Point 41: PTZ Camera.**

"-5°C ~ 55°C Humidity 20–90% RH (non condensing)"

- J. The following Addenda are to be read, as mentioned below at **Page no.79, Point 24: PTZ Camera.**

“IR Distance upto **100** meters”

- K. The following Addenda are to be read, as mentioned below at **Page no.67,**

The bidder should propose the camera from Axis, Bosch, **Pelco**, Panasonic, sony and Honeywell Make. Any other make or model of camera is not acceptable.

L. The following Addenda are to be read, as mentioned below at **Local Processing Unit. Financial Bid Format**  
**Page no.126, for Phase 1: Table A**

<b>6</b>	Local Processing Unit	Nos.	10				
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**Page no.122, for Phase 2: Table B**

<b>6</b>	Local Processing Unit	Nos.	20				
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**Pre bid response for NIT NO. SP/DURG/AC -1A/01/2017 for Durg City**

S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
1	i.Router	90	Router performance parameter and port has not been mentioned	Request you to add router throughput of multi protocol 5 Gbps atleast. Also please mention the no. of port requirement		As per RFP
2	K. Firewall	93	The proposed vendor must have a track record of continuous improvement in threat detection (IPS) and must have successfully completed NSS Labs' NGFW Methodology v6.0 testing with a minimum exploit blocking rate of 99%	Mentioning methodology version and Blocking rate of 99% would limit the number of vendors to participate. Request you please ask for NSS recommendation only to have fair and competitive bidding.		As per RFP
3	K. Firewall	93	The solution should support minimum 10 Virtual Firewalls from day one	We recommend to have support of 20 virtual firewall as it will limit the flexibility to create policy in future. Request you to please ask for option to increase license to 20 virtual firewall for future upgrade.		As per RFP
4	K. Firewall	93	14 x GE RJ45 inbuilt interfaces & 4 x GE SFP interface slots from day one	We recommend to add support for 10G also as nowadays 10G network is common in use everywhere, Request to please add option to add future 10G interfaces and reduce 14 x GE to 10 x GE		As per RFP
5	K. Firewall	94	The solution should have inbuilt server load balancing functionality from day one	This is specific to one OEM. Request you to please remove this point to have competitive and fair bidding.		Clause removed from RFP
6	K. Firewall	95	Appliance shall be ICSA certified for Firewall, IPSec VPN, SSL VPN, IPS, AV security functionalities	This is specific to one OEM. Also these are feature of Firewall only. So Request please remove this point or ask for ICSA certification for firewall only		Please refer corrigendum

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
7	General - Eligibility Criteria	0	OEM Criteria to be considered for Product / solution Selection	We request you to please consider the OEM criteria for qualification as product / solution proposed by any bidder as the job of system integrator is only to provide the system integration and maintenance of the system. OEM should provide the proven track record and provide the details where the proposed system / solution is operational more than 1 year		As per RFP
8	General	0	ROW charges and electricity charges - (clause VIII & X)	Please elaborate more on this - initially we need to pay all the charges and department will reimburse this later on submission of proper bills / documents OR department will pay all the charges we just have to take permission		Department will pay all the charges, Bidder should be responsible for documentation and coordination with the respective department for taking permission
9	General	0	Permission Obtain from Local bodies	We assume that we only need to obtain permission from local bodies for electricity, ROW etc...and all the charges/deposits for obtaining connection will be paid by department OR in case SI pay the initial charges then the same will be reimbursed within 30 days		Department will pay all the charges, Bidder should be responsible for documentation and coordination with the respective department for taking permission
10	General	0	Technical Specification - Camera	The approved makes given for cameras are not 100% complied and few deviations are there in some parameters - please confirm that minor deviation will be accepted.		No
11	1.3	18	Project Go LIVE period - for both phases	We request you to please increase the GO LIVE period to 6 months for each phase		As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
12	1.3	18	Storage Feed - Phase-II	Please clarify the total storage to be supplied for phase -II - and also explain the what is multiple of 20 TB which is not clear.		Initially 50 TB storage is procured in Phase 1 and expandable up to 400 TB in same devices, at the time of phase 2 order department will access the additional storage requirement and order in multiple of 20 TB prices
13	1.5	20	Payment Terms	Please explain and elaborate what would be 50% completion of junction for declaring GO LIVE - What would be the case if we complete our job and department could not provide the connectivity less than 50% of the junction		As per RFP
14	3.1	36	Pre-qualification / Eligibility Criteria - Point 5a - City surveillance project	Please advise if the bidder has similar experience and completed / ongoing projects as a consortium member and qualify in this criteria will be accepted?		Yes, For this bidding company should be prime bidder
15	4.1 (2)	39	Technical Evaluation criteria (Government Experience for Surveillance Projects)	there would be only one or two bidders who would be able to get maximum 40 marks in this criteria. Please give relaxation and consider any surveillance project with Outdoor cameras.		As per RFP
16	5.1	42	Existing Infrastructure - Note	We assume that mantaince of existing infrastructure will not be in the scope of system integrator and LD / Penalties will be imposed in case of non working of those		Yes
17	6.5	54	Manpower support for O&M	Please advise if the manpowers support needed for 24 Hrs in 3 shifts OR only in general shifts		In 3 shifts



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18	7.5	56	General Instructions related to SLAs	Theft cases, Power shutdown, any deliberate damages by local citizen should be considered as beyond the control of bidder		Theft cases,, any deliberate damages by local citizen should be considered as beyond the control of bidder but Power shutdown will not be considered as beyond the limit
19	6.9	57	Extension of scope	We assume that any extension / expansion will be additional cost of procurement of required hardware and licenses - But the system should support		Yes, As per RFP
20	8	67	Technical Specification - Makes	The makes give is applicable for only fixed type and PTZ type, but not for ANPR RLVD - as most the makes does not manufacture the ANPR & RLVD cameras - Please suggest		Yes, Makes are applicable for Fixed and PTZ camera
21	8.C.19	75	Technical Specificaiton - PTZ and Fixed- Simultaneous Connection Upto 20 User	Simultaneous Connection Upto 10 user - City surveillance is designed in multi cast network and system architecture requires only VMS connection to camera. Camera is always accessed by VMS with single management server and hence so many multiple users are not required		As per RFP
22	8.c.23	76	Technical Specificaiton - Illumination Color: 0.005 Lux @ (F1.2, AGC ON), B/W: 0.0005 Lux @ (F1.2, AGC ON), 0 Lux with IR	Please accept - Illumination Color: 0.5 Lux @ (F1.2, AGC ON), B/W: 0.05 Lux @ (F1.2, AGC ON), 0 Lux with IR - to accompadate more OEM and competiton		As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
23	8.C.37	76	Technical Specificaiton - Edge based/Software based - Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Motion detection, Tampering alarm, Unattended baggage, Object removal, Scene Change Detection	We assume that server based analytics will be accepted.		Yes
24	C (39)	77	Fixed Box Camera - Technical Specification	Please reduce the operating temperature to 0 to 50 degree celsius as this camera is going to be installed inside the IP66 housing - As the same is asked for IR illuminator which would be installed along wth the camera housing		Please refer Corrigendum
25	8.e.12	78	Technical Specificaiton - Alarm - 7/2	Please relax and accept - Alarm 3/1		Please refer Corrigendum
26	8.e. 20	78	Technical Specification - Lens Type 5.7-205 mm (36X), F1.6 or better motorized Varifocal, Autofocus	Lens Type F1.6 or better motorized Varifocal, Autofocus with focal length min in between 4mm-6 mm and max in between 160-200 mm - Please accept the same but this will provide the required X zoom		Please refer Corrigendum
27	8.e.24	79	IR Distance upto 200 meters	Please allow to quoted external IR and reduce the same to 100 meters distance		Please refer corrigendum

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
28	8.e.36	79	Pan Manual Speed: 0.1°~160°/s, Pan Preset Speed: 240°/s Tilt Manual Speed: 0.1°~120°/s, Tilt Preset Speed: 200°/s	Please accept - Pan Manual Speed: 0.1°~120°/s, Pan Preset Speed: 240°/s Tilt Manual Speed: 0.1°~120°/s, Tilt Preset Speed: 300°/s		As per RFP
29	8.e.36	79	Operating temperature - -40°C ~ 65°C (-40°F ~149°F) Humidity 20–90% RH (noncondensing)	Request you to please keep the same parameters for Box Fixed type and PTZ camera - Operating temperature - -40°C ~ 60°C (-40°F ~149°F) Humidity 20–90% RH (noncondensing)		Please refer corrigendum
30	9	101	Bill of Material - BOM	Please confirm that in case of any change on quantity increased / decreased after detailed site visit, payment will be release on actuals		After issuance of LoI Bidder will survey the actual site and submit the BoM for approval to SP Durg. After approval of BoM, Durg Police will sign the agreement with bidder and payment will be made (not exceeding to Agreement amount ).

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31	3.1	30-31	Pre-qualificaion / Eligibility Criteria - Point 5a and 5b - Surveillance project involving ANPR camera	As already raised this query in pre-bid meeting, we again request you to please relax this PQ criteria by accepting either 5a OR 5b. As already discussed in pre-bid meeting that there are very few system integrator who has done ANPR project / camera. So request you to accept this PQ as any outdoor surveillance project in critical infrastructure like Oil & Gas, Refineries, Power plants / PSUs and ANPR can be optional and put this criteria for OEM		Please refer corrigendum
32	3.1	30-31	Pre-qualificaion / Eligibility Criteria - Point 5a and 5b - Surveillance project involving ANPR camera	Can we show the ANPR PQ of our OEM partner / solution what we are going to propose for this.		Please refer corrigendum
33	e (8)	77-79	PTZ Camera Camera - Technical Specification	Please reduce the Resolution to 2 MP (1980 x 1080) as available and standard.		As per RFP
34	e (20)	77-79	PTZ Camera Camera - Technical Specification	Please accept 30X lens type with 2 MP resolution as standard and available with all OEM		Please refer corrigendum
35	e (24)	77-79	PTZ Camera Camera - Technical Specification	Please reduce the IR distance to 100 meters of better		Please refer corrigendum
36	e (41)	77-79	PTZ Camera Camera - Technical Specification	Please reduce the operating temperature to 0 to 60 degree celsius		Please refer corrigendum
37	e (36)	77-79	PTZ Camera Camera - Technical Specification	Please reduce the tilt and Pan speed to 120 Degree / s		As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
38	e (20)	77-79	PTZ Camera Camera - Technical Specification	The verifocal lens size differs from OEM to OEM, so please accept some slight deviation on this parameter which would give you required "X" zooming		Please refer corrigendum
39	e (19)	77-79	PTZ Camera Camera - Technical Specification	Please reduce the simultaneous connection user to minimum 10 for both PTZ type and Fixed type camera		As per RFP
40	8	67	The bidder should propose the camera from Axis, Bosch, Palco, Panasonic, Sony and Honeywell Make. Any other make or model of camera is not acceptable.	Please add "Impulse Networks" in list of approved makes		As per RFP
41	8 (C)	76	Illumination: Color: 0.005 Lux @ (F1.2, AGC ON), B/W: 0.0005 Lux @ (F1.2, AGC ON), 0 Lux with IR	Please amend it to Colour: 0.04 Lux @ (F1.2, AGC ON), B/W: 0.002 Lux @ (F1.2, AGC ON), 0 Lux with IR		As per RFP
42	8 (e)	78	Alarm :07//02	It may not be available with most of the OEM, Please change it to 02/01		Please refer Corrigendum
43	8 (e)	78	5.7-205 mm (36X), F1.6 or better motorized Varifocal, Autofocus	Please change it to 4.3 to 129 mm (30X), F1.6 or better motorized Varifocal, Autofocus		Please refer Corrigendum
44	8 (e)	79	IR Distance: Upto 200m	Please change it to IR distance 100 mtr		Please refer corrigendum
45	8 (e)	79	Region of Interest: 6 areas	Please remove this point, as it will not be practically utilized in PTZ camera.		Clause removed
46	8 (e)	79	Operating Temperature: -40°C ~ 65°C (-40°F ~149°F) Humidity 20–90% RH (noncondensing)	Please change the operating temperature to -30°C ~ 50°C		Please refer corrigendum

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
47	<b>6. Scope of Work</b>	46	The project will be complete in two phases. The below are the details of cameras and locations for Phase 1 and Phase 2.....	No. of roads and No. of ANPR Cameras to be deployed at each location are mentioned but lanes per each road are not mentioned. Each ANPR camera covers a lane of approx. 3.5m in width. For Eg.: In Phase 1, Anjora chowk has 3 roads and 4 ANPR camera, but no. of lanes in each road is not clear. Hence, requesting you to clearly define the location/junction with exact arms and lanes details for both Phase.		After site survey by Successful bidder, The BoM quantity will be approved by SP Durg

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
48	<b>6. Scope of Work</b>	46	Phase 2 Locations	<p>RLVD system comprises of RLVD &amp; ANPR Camera. In Phase 2 Locations, RLVD camera are mentioned against each location but ANPR cameras for that locations are not defined.</p> <p>In Phase 1 Locations, RLVD camera and ANPR camera for 2 junctions(sr. no. 10 &amp; 11) are clearly defined.</p> <p>Also, as per functional requirement of RLVD system on Page 67., it is clearly mentioned that each RLVD system covers 2 lanes and each lane is covered by ANPR camera.</p> <p>Hence, for 56 RLVD system , 112 ANPR cameras are required other than 160 ANPR camera.</p> <p>Kindly incorporate accordingly and revise the BOM.</p>		After site survey by Successful bidder, The BoM quantity will be approved by SP Durg

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
49	<b>8. Technical Specifications</b>	67	a. Each side of the road should consist of minimum three cameras out of which one camera should be an overview camera providing evidence of the violation by capturing the offending vehicle and status of the traffic light in the same field of view, whereas the other cameras shall be covering single lanes of 3.5m each,.....	<p>RLVD system comprises of RLVD &amp; ANPR Camera. In Phase 2 Locations, RLVD camera are mentioned against each location but ANPR cameras for that locations are not defined.</p> <p>In Phase 1 Locations, RLVD camera and ANPR camera for 2 junctions(sr. no. 10 &amp; 11) are clearly defined.</p> <p>Also, as per functional requirement of RLVD system on Page 67., it is clearly mentioned that each RLVD system covers 2 lanes and each lane is covered by ANPR camera.</p> <p>Hence, for 56 RLVD system , 112 ANPR cameras are required other than 160 ANPR camera.</p> <p>Kindly incorporate accordingly and revise the BOM.</p>		After site survey by Successful bidder, The BoM quantity will be approved by SP Durg
50	<b>a) Red Light Violation Detection (RLVD) System</b>	71	ANPR Camera:: a) IP camera: 2 megapixel or above, Power over Ethernet	<p>Under RLVD system, ANPR Camera specs mentioned is of 2 MP or above whereas under Fixed box camera specs(base specifications for ANPR camera), ANPR camera specs is of 3 MP, are conflicting.</p> <p>Kindly confirm whether ANPR camera for RLVD or ANPR camera for surveillance are same or different.</p>		Please refer Corrigendum



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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
51	<b>a) Red Light Violation Detection (RLVD) System</b>	71	f. System should be able to detect vehicle speed. The accuracy of speed detection should be +- 5%	In Smart Cities tender, city surveillance, safe and secure tenders, along with speed detection accuracy, speed accuracy certification is also asked which is a legal requirement for the prosecution of speed violation. Hence, requesting you to incorporate speed accuracy certificate and it should be issued by a government agency.		As per RFP
52	<b>c) Fixed Box Cameras</b>	75	8. Resolution:: 3MP (2048×1536) at 25 FPS or better	Under RLVD system, ANPR Camera specs mentioned is of 2 MP or above whereas under Fixed box camera specs(base specifications for ANPR camera), ANPR camera specs is of 3 MP, are conflicting. Kindly confirm whether ANPR camera for RLVD or ANPR camera for surveillance are same or different.		Please refer Corrigendum for ANPR Camera
53	<b>b) ANPR System</b>	75	9. Systems requirement Local Server at Intersection: The system must run on a Commercial off the Shelf Server (COTS). Outdoor IP 66 Quad core processor based server should be able to cover at least 8 lanes. Temperature rating of the server should be at least 60 degree.	Processing unit has its own working limitation and functionality. The LPU requirement should be as per site requirement and design. Hence, requesting you to remove this clause and change the quantity in Phase 1 & Phase 2 Bill of material from " Lumpsum" to "as per design and site requirement" for ANPR & RLVD solution.		Please refer Corrigendum

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
54	c) Fixed Box Cameras	75	<b>6. Edge Storage</b> Micro SD/ micro SDHC /micro SDXC slot supporting memory card for min. 128 GB (Min. Class 6 or higher, Card to be included). In the event of failure of connectivity to the network storage the camera shall record video locally on the SD card automatically. After the connectivity is restored these recordings shall be automatically pulled by the network storage recorder such that no manual intervention is required to transfer the SD card based recordings to network storage.	Since ANPR & RLVD camera are connected with LPU that has 1TB hardisk, hence, this feature for camera becomes irrelevant and may be removed.		As per RFP
55	c) Fixed Box Cameras	76	<b>11. Audio</b> Full Duplex, Audio Input/ Output 1 Ch	This functionality is not required in ANPR system and also brand/model specific. Hence, requesting you to remove this clause.		As per RFP
56	c) Fixed Box Cameras	76	<b>19. Simultaneous Connection</b> Upto 20 User	This functionality is not required in ANPR system and also brand/model specific. Hence, requesting you to remove this clause.		As per RFP
57	c) Fixed Box Cameras	76	<b>21. Dynamic Noise Reduction::3D</b>	This functionality is not required in ANPR system and also brand/model specific. Hence, requesting you to remove this clause.		As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
58	c) Fixed Box Cameras	76	22. <b>Intelligent Defog ::</b> Yes	This functionality is not required in ANPR system and also brand/model specific. Hence, requesting you to remove this clause.		As per RFP
59	c) Fixed Box Cameras	76	27. <b>Privacy zones ::</b> 4	This functionality is not required in ANPR system and also brand/model specific. Hence, requesting you to remove this clause.		As per RFP
60	c) Fixed Box Cameras	76	34. <b>Wide Dynamic Range ::</b> 120dB Sensor based True WDR	This functionality is not required in ANPR system and also brand/model specific. Hence, requesting you to remove this clause.		As per RFP
61	c) Fixed Box Cameras	76	37. <b>Edge based/Software based ::</b> Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Motion detection, Tampering alarm, Unattended baggage, Object removal, Scene Change Detection	This features are not required in ANPR system and also brand/model specific. Hence, requesting you to remove this clause.		As per RFP
62	c) Fixed Box Cameras	77	39. <b>Operating Temperature ::</b> -40°C ~ 60°C (-40°F ~ 149°F) Humidity 20–90% RH (non-condensing)	In city like DURG, temperature neither goes down below 0° C nor 60° C ; thus asking for -40°C ~ 60°C is insignificant or a typo error. Requesting you to change it from "-40°C ~ 60°C" to "0°C ~ 50°C"		Please refer Corrigendum

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63	<b>t) e-Challan Software Specifications</b>	113	<b>Operation::</b>  2. With the Android Smart Phone loaded with the Application, the field force will be well equipped to punch and generate the entire ticketing process in no time and with accuracy.	Application on android system cannot be on a public platform, as it is connected to the backend police databases and state data center and prone to hacking. It is requested that dedicated HAND HELD TERMINAL with embedded e-challan application is taken into consideration.		As per RFP
64	<b>9. Bill of Material</b>	122	Phase 2 Bill of Material:: 4) ANPR Camera- 160 Cameras 5) RLVD Camera- 56 Cameras	RLVD system comprises of RLVD & ANPR Camera. In Phase 2 Locations, RLVD camera are mentioned against each location but ANPR cameras for that locations are not defined. In Phase 1 Locations, RLVD camera and ANPR camera for 2 junctions(sr. no. 10 & 11) are clearly defined. Also, as per functional requirement of RLVD system on Page 67., it is clearly mentioned that each RLVD system covers 2 lanes and each lane is covered by ANPR camera. Hence, for 56 RLVD system , 112 ANPR cameras are required other than 160 ANPR camera. Kindly incorporate accordingly and revise the BOM.		As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
65	<b>Phase 1 Bill of Material</b>	122	<b><u>Equipment at 11 Junctions</u></b>  6. Local Processing Unit for as per project requirement :: Lumpsum-10	Processing unit has its own working limitation and functionality. The LPU requirement should be as per site requirement and design. Hence, requestiong you to remove this clause and change the quantity in Phase 1 & Phase 2 Bill of material from " Lumpsum" to "as per design and site requirement" for ANPR & RLVD solution.		Please refer Corrigendum
66	<b>Phase 2 Bill of Material</b>	123	<b><u>Equipment at Junctions</u></b>  2.IR Illuminator as per Specification:: 160 nos.	Kindly confirm whether the mentioned quantity of IR Illuminator is for Fixed Box Camera or for ANPR Camera. If it is for ANPR camera, kindly mention it precisely as written in Phase 1 Bill of Material.		After issuance of LoI Bidder will survey the actual site and submit the BoM for approval to SP Durg. After approval of BoM, Durg Police will sign the agreement with bidder and payment will be made (not exceeding to Agreement amount ).
67	<b>Phase 2 Bill of Material</b>	124	<b><u>Equipment at 11 Junctions</u></b>  6. Local Processing Unit for as per project requirement :: Lumpsum- 01	Processing unit has its own working limitation and functionality. The LPU requirement should be as per site requirement and design. Hence, requestiong you to remove this clause and change the quantity in Phase 1 & Phase 2 Bill of material from " Lumpsum" to "as per design and site requirement" for ANPR & RLVD solution.		Please refer Corrigendum

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
68	1.5	19	Payment Schedule	<p>Request you to consider following payment schedule</p> <p>60% Against delivery of all material as per bill of material.( As supply forms major part of contract)</p> <p>20% Against completion of installation and services as per phase 1 of project. ( Allow junction wise billings after completion)</p> <p>10% After successful working of system for 30 days. ( After user certification)</p> <p>Balance 10%, In Quarterly 0.5% of the total cost for phase 1 in 20 installments (10%), on completion of each Quarter after Go-Live, if any.</p> <p>Same shall be followed for phase 2, thus it will no build up much finance cost for bidder to consider while quoting and will keep the cash flow situation under control for bidder.As it is bidder is in contract for 5 years comprehensive warranty with 10% performance bank guarantee, he is bound to serve client at any given situation.</p>		As per RFP
69	3.1 Pre-qualification /Eligibility criteria.	36	5b. The bidder should have executed at least one project of Surveillance with minimum 50 ANPR Camera in any Govt. /PSU department	<p>This clause is limiting the competition as very few city surveillance projects has such a large number of ANPR cameras deployed. Request you to consider experience of bidder of ANPR executions rather than specifying the count. We would suggest that this point shall be kept optional for technical evaluation and no bid shall be rejected for the same.</p>		Please refer Corrigendum

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
70	4.1 Tehcnical evaluation criteria	39-40	Government Experience for Surveillance Projects The bidder must have successfully completed and running for more than a year, for Government / PSU:	For part A, Request you to consider only IP based cameras for city surveillance projects and marking shall be accordingly done, Maximum marks allotted-30 marks For Part B, request you to consider only ANPR cameras deployed under city surveillance and marking shall be accordingly done, Maximum marks allotted-10 marks. Blue Star have worked on few city surveillance projects where ANPR was not part of demanded solution but we do have experience of deploying ANPR solutions.Thus ANPR evaluation shall be done seperately.		Please refer corrigendum
71	5.1	42	Network Connectivity at junctions will be provided by Durg Police through dedicated optical fibre cables laying for connectivity within the city (over ground / Underground).	We assume that required network connectivity through fiber will be provided by client.		Yes, OFC will be provided by SP Durg withLIU at junction
72	8	67	Technical specifications	Request you to consider Tyco as one of the approved brand for CCTV and ANPR solution as Tyco being global leader in Security industry it has complete solution under one roof.		As per RFP
73	8	78	e) PTZ camera, 20,lens type	We request you to kindly consider 4.3mm-129mm lens as it is standard and available with all OEM. The mentioned focal length is OEM specific and shall be read as 4.3mm-129mm or better with optical zoom 30x or better		As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
74	5.2 (viii)	43	The Bidder shall provide the poles/ towers, fixtures, fittings, and other items required for each location. All the fittings, wiring and cabling should be under ground and not left open. All the required permissions for electricity connection etc. shall be taken by the bidder however department will assist to get these permission on time Payment towards, electricity connection charges shall be made by the Purchaser (Durg Police). The bidder should prepare the paper work and coordinate with the concern department for necessary approvals and permission.	We understood that the running expenses as electricity charges for all the remote locations including Control Room will be bear by the Purchaser, please confirm.		Yes
75	5.2 (x)	43	Bidder shall apply for electricity connection wherever required in the name of Superintendent of Police, Durg and shall deposit the money if required. The same process shall be applicable for permissions, licenses etc. if required from municipal bodies.	We understood that the Bidder will do the necessary documentation as application etc, but the Purchaser will bear the cost of the same as New Electricity Connection Charge, Road Cutting / Using Roadside spaces to install CCTV system (Poles, Boxes, Cameras etc) and necessary approval / permission will be arranged for the Bidder to meet the installation and completion of job Milestone.		Yes
76	5.2 (xi)	43	Bidder shall provide trained manpower on 24*7 basis for training, handholding support, operating the system and maintain the same for a period of five years.	We are requesting you to kindly accept the trained manpower / residential engineer on General Shift basis (10am to 6pm) only.		As per RFP



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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
77	5.2 (xviii) (b)	44	Bidder will be responsible to complete network connection up to Junction based on their network requirement. Additionally, Bidder has to ensure that all connectivity is secured from eavesdropping using appropriate technologies.	Kindly arrange the scope to OFC supplier and laying vendor only.		Please see OFC Tender scope of work on <a href="http://www.cgpolice.gov.in">www.cgpolice.gov.in</a>
78	6.3 (v)	53	Electrical works: a) Electrical cabling form the allotted input source and up to the equipment to be kept at each location, rack etc. as the case may be shall be the responsibility of the Successful Bidder. b) To carry out installation and configuration of the electrical components as per the IS Standards. c) The quantity of passive items if any shall be verified by the concerned official at each site.	Please consider as Bidder will do teh liason work but necessary permission / approval from respective authority will be arranged by the Purchaser		As per RFP
79	6.3 (vi)	53	The Successful Bidder has to liaison with utility company, civic bodies or respective authority and avail the requisite permissions by paying requisite dues upfront. The Successful Bidder will be paying this amount from his pocket initially and get the permission in the name of CG Police	Please consider as Bidder will do teh liason work but necessary permission / approval from respective authority will be arranged by the Purchaser		Yes bidder should liason with authority and payment will be made by CG Police
80	Qualificati on Criteria Page 36, 4	36	The bidder must not be blacklisted by any Govt./PSU Department in india at the time of submission of the response to	<b>OEM</b> should not be blacklisted in any govt or PSU.	SI blacklisting already mentioned in tender but OEM who is blacklisted should	As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
			this RFP.		be also barred.	
81	Qualification Criteria Page 36, 5	36	<p>(5a.)The bidder must have successfully completed and Running the project for more than a year, for Government / PSU, any one of the following criteria:</p> <p>One project of City Surveillance involving total number of Outdoor Surveillance Cameras <math>\geq 150</math></p> <p>or</p> <p>Two project of city surveillance each involving total number of outdoor Surveillance Cameras <math>\geq 100</math></p> <p>or</p> <p>Three projects of City Surveillance each involving total number of outdoor Surveillance Cameras <math>\geq 80</math></p> <p><b>AND</b></p> <p>5b. The bidder should have executed at least one project of Surveillance with minimum 50 ANPR Camera in any Govt. /PSU department</p>	Request you to consider One project of City Surveillance involving total number of ANPR /Outdoor Surveillance Cameras $\geq 150$	Smart City / City Surveillance projects recent trend with most of the orders are under execution. Request you to consider <b>IP CCTV projects</b> having outdoor cameras installed at PSU/Government places	Please refer Corrigendum

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
82	Technical Evaluation Criteria, Page 39, 2.	39	5 City Surveillance project involving at least 100 ANPR and Surveillance Cameras (Two project of more than >=150 camera is mandatory) – 40 Marks	Request you consider 5 City Surveillance project / <b>IP CCTV Surveillance project</b> involving at least 100 ANPR / <b>Outdoor Surveillance Cameras</b> (Two project of more than >=150 camera is mandatory) – 40 Marks	Smart City / City Surveillance projects recent trend with most of the orders are under execution. Request you to consider <b>IP CCTV projects</b> having outdoor cameras installed at PSU/Government places	Please refer Corrigendum
83	Technical Evaluation Criteria , Page no. 39,1	39	Average Turnover Criteria	Annual Turnover of Consortium partner should not be considered	As this very critical project and also in other PQ terms Consortium partner qualification are not considered so same should be removed from Annual turnover criteria too otherwise who will take liability for whole project Main partner or Consortium partner. In worst case there should be ratio of 70% and 30% between main and secondary partner	As per RFP
84	New Addition for PQ of Camera <b>OEM</b>	0		OEM of Camera should have direct presence without any consortium/Join Venture from last 10 years	As Camera is one of main critical part of system so OEM should have direct presence in india	As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
85	Storage Specifications Page no.97	97	5. Storage capacity	30 Days recording at what <b>FPS and resolution</b> should be mentioned in tender and also it should be vetted by OEM of Camera and VMS	Its very critical and it should be clarified in tender	Initially 50 TB storage is procured in Phase 1 and expandable up to 400 TB in same devices, at the time of phase 2 order department will access the additional storage requirement and order in multiple of 20 TB prices
86	New Feature Request	0		VMS should support recording in encryption format	This feature help to record Video Data in encryption mode format and will required Key for playback.	As per RFP
87	New Feature Request	0		VMS client should support Hardware acceleration to view more cameras (to Make use of Inbuilt Graphics card of Workstation)	This features helps to reduce no of Client WK as Hardware Acceleration helps to view more no of Cameras on single WK.	As per RFP
88	New Feature Request	0		VMS Client applications shall support IP Multicast and Unicast video and audio streaming as required depending on the network capabilities	Multicasting of Video Stream to different Viewing and Recording Locations.	As per RFP
89	New Feature Request	0		Dual sign in to log in to the system administrator – Log in shall be permitted when two authorized persons login.	Considering Data Security is very important in Police Dept.	As per RFP
90	New Feature Request	0		Schedule based Log in.- A user shall not be able to log in beyond the defined time slot.	Considering Data Security is very important in Police Dept.	As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
91	e) PTZ Cameras- Page no.78	78	12. Alarm 07//02	We provide the cameras with 3 alarm ports, so we request to amend the same to 2 IN and 1 OUT	We provide the cameras with 3 alarm ports, so we request to amend the same to 2 IN and 1 OUT. More than this is not required in practical application.	Please refer Corrigendum
92		78	20. Lens Type 5.7-205 mm (36X), F1.6 or better motorised Varifocal, Autofocus	We request to modify the same to 4.25-170mm or better, we can provide 40X lens with this configuration	As different OEM have different focal length camera so We request to modify the same to 5.7-170mm or better.	Please refer Corrigendum

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
93	8. Technical Specifications	67	The bidder should propose the camera from Axis, Bosch, Palco, Panasonic, sony and Honeywell Make. Any other make or model of camera is not acceptable.	<p>1. This particular Clause does not give opportunity to worlds best OEM's to participate in your tender as well it gives big opportunity for Cartel business. If this clause is not deleted, only few brands will participate in tender. Request you to kindly consider IHS report for CCTV system OEM's for participations.</p> <p>2. Besides the above there is no such criteria from MHA, central procurement organization (CPO) and director general of stores &amp; purchase (DSP) to call brand specific tender.</p> <p>3. This clause is also against the future vision of our Honorable Prime Minister of "MAKE IN INDIA" initiative where as many companies are now manufacturing in India cannot participate in this tender</p> <p>Hence we request you to kindly delete tender clause mentioned on "Page No:- 68 point No 8 - Technical Specifications:- The bidder should propose the camera from Axis, Bosch, Palco, Panasonic, sony and Honeywell Make. Any other make or model of camera is not acceptable" and allow other world class brands to participate.</p>		As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
94	8. Technical Specifications a) Red Light Violation Detection (RLVD) System ANPR Camera e.	71	Varifocal lens, auto-iris control, remote focus	Please help us to know the focal length for the varifocal camera proposed in ANPR camera.		As per standard
95	8. Technical Specifications a) Red Light Violation Detection (RLVD) System Overview Camera	71	Overview Camera	Overview camera is not mentioned in Bill of Material, please clarify that that RLVD camera mentioned in the bill of material is over view camera or not.		As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
96	8.Technical Specifications a) Red Light Violation Detection (RLVD) System Overview Camera d.	71	Varifocal lens, auto-iris control, remote focus	Please help us to know the focal length for the varifocal camera proposed in Overview camera.		As per RFP
97	8.Technical Specifications c) Fixed Box Cameras 39.	77	Operating Temperature--40°C ~ 65°C (-40°F ~ 149°F) Humidity 20–90% RH (noncondensing)	The operating temperature of Box Cameras normally comes in the range of -30 °C to +60 °C. Thus request you ammend the <b><u>Operating Temperature of Fixed Box Cameras as -30 °C to +60 °C</u></b>		Please refer Corrigendum
98	8.Technical Specifications d)IR illuminator 8.	77	Certification-UL/EN/CE/FCC	It is recommended to have only branded and certified products for smooth functionality and better operational life. Thus few international certification which are popular across the globe are UL, FCC /CE, EAC for the housing of Fixed Box Camera. Thus, it is <b><u>mandatory</u></b> that the <b><u>quoted/proposed models</u></b> should have <b><u>EAC,CE/FCC and UL certificate.</u></b>		As per RFP



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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
99	3.1 (5a) Pre- Qualification/Eligibility Criteria	36	(5a.)The bidder must have successfully completed and Running the project for more than a year, for Government / PSU, any one of the following criteria: One project of City Surveillance involving total number of Outdoor Surveillance Cameras >=150 or Two projects of City Surveillance each involving total number of outdoor Surveillance Cameras >=100 or Three projects of City Surveillance each involving total number of outdoor Surveillance Cameras >=80 AND 5b. The bidder should have executed at least one project of Surveillance with minimum 50 ANPR Camera in any Govt. /PSU department	<b>Kindly Consider and Allow to use global experience of group company of the Bidder ( Registered in India) having same parent organization outside India.</b>		As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
100	3.1 (6) Pre-Qualification/Eligibility Criteria	36	The bidder must have successfully completed and running for more than a year, for Government / PSU, any one of the following criteria: 1 Surveillance order of value >=4 crore or 2 Surveillance orders each of value >=3 crore or 3 Surveillance orders each of value >=2 crore	<b>Kindly Consider and Allow to use global experience of group company of the Bidder ( Registered in India) having same parent organization outside India.</b>		As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
101	4.1 (2) Government Experience for Surveillance Projects	39	5 City Surveillance project involving at least 100 ANPR and Surveillance Cameras (Two project of more than $\geq 150$ camera is mandatory) – 40 Marks · 3 City Surveillance project involving at least 100 ANPR and Surveillance Cameras (one project of more than $\geq 150$ camera is mandatory) – 30 Marks · 3 City Surveillance project involving at least 80 ANPR and Surveillance Cameras (one project of more than $\geq 100$ camera is mandatory) – 20 Marks · 1 City Surveillance projects each involving total number of ANPR and Surveillance Cameras $\geq 150$ – 20 Marks · 1 City Surveillance projects each involving total number of ANPR and Surveillance Cameras $\geq 100$ – 15 Marks · 2 City Surveillance projects each involving total number of ANPR and Surveillance Cameras $\geq 80$ – 15 marks · 1 City Surveillance projects each involving total number of ANPR and Surveillance Cameras $\geq 80$ – 10 marks	Kindly Limit the Marking on No of Cameras implemented in a single project. For Eg:  $\geq 150$ to 200 Cameras = 10 Marks $> 200$ to 300 Cameras = 20 Marks $> 300$ to 500 Cameras = 30 Marks More than 500 Cameras = 40 marks		Please refer Corrigendum

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
102	4.1 (3) Government Experience Project Value	40	5 Project worth more than 2 crore each ( 1 Project worth 4 CR or more is mandatory) – 20 Marks · 4 Project worth more than 2 crore each ( 1 Project worth 3 CR or more is mandatory) – 15 Marks · 1 Surveillance order of value >=4 crore OR 2 Surveillance orders each of value >=3 crore OR 3 Surveillance orders each of value >=2 crore – 10 Marks	Kindly Limit the Marking on the project value implemented in a single project. For Eg:  More than 10 Crore : 20 Marks 8 -10 Crore : 15 Marks 6-8 Crore : 10 Marks		As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
103	3.1 Pre-qualification / Eligibility criteria	35	2. Legal Entity The Company should be in the IT/ITES /Surveillance System business for at least 5 (five) years as of 31st March 2017 and should be registered under Companies Act, 1956	It is requested to kindly add the global experience also as per the below criteria: A subsidiary Company registered in India of a Foreign Company having requisite experience may also participate, however, for considering the experience of the Parent Company, the subsidiary Company registered in India should provide an undertaking from their Parent Company confirming thereby: (i) perpetual and unconditional access to expertise, personnel and facilities of the Parent Company to the Indian Company; (ii) sharing of risks and profits of the Indian Company by the Parent Company; and (iii) that the Parent Company has sufficient representation in the management of Indian Company to control the activities of such Indian Company. In such case, only the experience and the details of the Parent Company will be considered.		As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
104	6. Scope of Work	46	The project will be complete in two phases. The below are the details of cameras and locations for Phase 1 and Phase 2.....	No. of roads and No. of ANPR Cameras to be deployed at each location are mentioned but lanes per each road are not mentioned. Each ANPR camera covers a lane of approx. 3.5m in width. For Eg.: In Phase 1, Anjora chowk has 3 roads and 4 ANPR camera, but no. of lanes in each road is not clear. Hence, requesting you to clearly define the location/junction with exact arms and lanes details for both Phase.		As per RFP
105	6.3 Civil works	53	(vi) The Successful Bidder has to liaison with utility company, civic bodies or respective authority and avail the requisite permissions by paying requisite dues upfront. The Successful Bidder will be paying this amount from his pocket initially and get the permission in the name of CG Police	It is suggested that Bidder should liason but handholding and all the payments may kindly be made by the CG Police.		Yes bidder should liason with authority and payment will be made by CG Police
106	7.6 Security Breach SLA	64	For every security breach reported and proved, there shall be a penalty of INR 2,00,000/- or lead to termination of contract	Security breaches that are linked to technical equipment and services provides may kindly only be covered into the scope of System Ingerator / provider. Breaches related to operations or any other on which the system inteerator doesn't have control or security not asked in this RFP should not be considered.		As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
107	8(c)(19)	76	Simultaneous Connection Upto 20 user	Multiple uncontrolled connections can result in breach as well as denial of service to another requester, if earlier connection is not closed properly. Therefore, it may kindly be changed to "Controlled Simultaneous Connection upto 20 user or through VMS"		As per RFP
108	8(e)(20)	78	Lens Type 5.7-205 mm (36X), F1.6 or better motorized Varifocal, Autofocus	Seems to be very specific, name of more than one manufacturer with exact compliances if shared will be helpful		Please refer Corrigendum
109	8(e)(41)	79	Operating Temperature -40°C ~ 65°C	Most of the vendors cannot comply to this range, also such lower end of temperature range is not required in Indian conditions also request to keep parameter same for box and PTZ camera.		Please refer corrigendum
110	8(j)	91	L3 Switch for Control Room	Seems to be very specific, name of more than one manufacturer with exact compliances if shared will be helpful		As per RFP
111	8(k)	93	Firewall	Seems to be very specific, name of more than one manufacturer with exact compliances if shared will be helpful. If requirement of Certifications like ICISA / EAL4 / NDPP or more can be made it will be help in providing coverage of exact strength requirement.		As per RFP
112	8(p)(5)	102	Point to Point RF device	The combination asked for is very speciifc. Either range/versions should be provided (i.e.i.e. BPSK, QPSK, CCK, QAM4, QAM64 and OFDM)or name of more than one provider may kindly be stated.		As Per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
113	6. Scope of Work	46	Phase 2 Locations	<p>RLVD system comprises of RLVD &amp; ANPR Camera. In Phase 2 Locations, RLVD camera are mentioned against each location but ANPR cameras for that locations are not defined.</p> <p>In Phase 1 Locations, RLVD camera and ANPR camera for 2 junctions(sr. no. 10 &amp; 11) are clearly defined.</p> <p>Also, as per functional requirement of RLVD system on Page 67., it is clearly mentioned that each RLVD system covers 2 lanes and each lane is covered by ANPR camera.</p> <p>Hence, for 56 RLVD system , 112 ANPR cameras are required other than 160 ANPR camera.</p> <p>Kindly incorporate accordingly and revise the BOM.</p>		After site survey by Successful bidder, The BoM quantity will be approved by SP Durg
114	9. Bill of Material	122	Phase 2 Bill of Material:: 4) ANPR Camera- 160 Cameras 5) RLVD Camera- 56 Cameras			After site survey by Successful bidder, The BoM quantity will be approved by SP Durg



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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
115	8. Technical Specifications	67	a. Each side of the road should consist of minimum three cameras out of which one camera should be an overview camera providing evidence of the violation by capturing the offending vehicle and status of the traffic light in the same field of view, whereas the other cameras shall be covering single lanes of 3.5m each,.....			After site survey by Successful bidder, The BoM quantity will be approved by SP Durg
116	a) Red Light Violation Detection (RLVD) System	71	ANPR Camera:: a) IP camera: 2 megapixel or above, Power over Ethernet	Under RLVD system, ANPR Camera specs mentioned is of 2 MP or above whereas under Fixed box camera specs(base specifications for ANPR camera), ANPR camera specs is of 3 MP, are conflicting. Kindly confirm whether ANPR camera for RLVD or ANPR camera for surveillance are same or different.		Please refer Corrigendum

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
117	c) Fixed Box Cameras	75	8. Resolution:: 3MP (2048×1536) at 25 FPS or better	Under RLVD system, ANPR Camera specs mentioned is of 2 MP or above whereas under Fixed box camera specs(base specifications for ANPR camera), ANPR camera specs is of 3 MP, are conflicting. Kindly confirm whether ANPR camera for RLVD or ANPR camera for surveillance are same or different.		Please refer Corrigendum for ANPR Camera
118	a) Red Light Violation Detection (RLVD) System	71	f. System should be able to detect vehicle speed. The accuracy of speed detection should be +- 5%	In Smart Cities tender, city surveillance, safe and secure tenders, along with speed detection accuracy, speed accuracy certification is also asked which is a legal requirement for the prosecution of speed violation. Hence, requesting you to incorporate speed accuracy certificate and it should be issued by a government agency.		As per RFP
119	b) ANPR System	75	9. Systems requirement Local Server at Intersection: The system must run on a Commercial off the Shelf Server (COTS). Outdoor IP 66 Quad core processor based server should be able to cover at least 8 lanes. Temperature rating of the server should be at least 60 degree.	Processing unit has its own working limitation and functionality. The LPU requirement should be as per site requirement and design. Hence, requesting you to remove this clause and change the quantity in Phase 1 & Phase 2 Bill of material from " Lumpsum" to "as per design and site requirement" for ANPR & RLVD solution.		Please refer Corrigendum

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
120	Phase 1 Bill of Material	122	<u>Equipment at 11 Junctions</u> 6. Local Processing Unit for as per project requirement :: Lumpsum-10	Processing unit has its own working limitation and functionality. The LPU requirement should be as per site requirement and design. Hence, requestiong you to remove this clause and change the quantity in Phase 1 & Phase 2 Bill of material from " Lumpsum" to "as per design and site requirement" for ANPR & RLVD solution.		Please refer Corrigendum
121	Phase 2 Bill of Material	124	<u>Equipment at 11 Junctions</u> 6. Local Processing Unit for as per project requirement :: Lumpsum- 01	Processing unit has its own working limitation and functionality. The LPU requirement should be as per site requirement and design. Hence, requestiong you to remove this clause and change the quantity in Phase 1 & Phase 2 Bill of material from " Lumpsum" to "as per design and site requirement" for ANPR & RLVD solution.		Please refer Corrigendum

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
122	c) Fixed Box Cameras	75	6. Edge Storage Micro SD/ micro SDHC /micro SDXC slot supporting memory card for min. 128 GB (Min. Class 6 or higher, Card to be included). In the event of failure of connectivity to the network storage the camera shall record video locally on the SD card automatically. After the connectivity is restored these recordings shall be automatically pulled by the network storage recorder such that no manual intervention is required to transfer the SD card based recordings to network storage.	Since ANPR & RLVD camera are connected with LPU that has 1TB hardisk, hence, this feature for camera becomes irrelevant and may be removed.		As per RFP
123		76	11. Audio Full Duplex, Audio Input/ Output 1 Ch	This functionality is not required in ANPR system and also brand/model specific. Hence, requesting you to remove this clause.		As per RFP
124		76	19. Simultaneous Connection Upto 20 User	This functionality is not required in ANPR system and also brand/model specific. Hence, requesting you to remove this clause.		As per RFP
125		76	21. Dynamic Noise Reduction::3D	This functionality is not required in ANPR system and also brand/model specific. Hence, requesting you to remove this clause.		As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
126		76	22. Intelligent Defog :: Yes	This functionality is not required in ANPR system and also brand/model specific. Hence, requesting you to remove this clause.		As per RFP
127		76	27. Privacy zones :: 4	This functionality is not required in ANPR system and also brand/model specific. Hence, requesting you to remove this clause.		As per RFP
128		76	34. Wide Dynamic Range :: 120dB Sensor based True WDR	This functionality is not required in ANPR system and also brand/model specific. Hence, requesting you to remove this clause.		As per RFP
129		76	37. Edge based/Software based :: Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Motion detection, Tampering alarm, Unattended baggage, Object removal, Scene Change Detection	This features are not required in ANPR system and also brand/model specific. Hence, requesting you to remove this clause.		As per RFP
130		77	39. Operating Temperature :: -40°C ~ 60°C (-40°F ~ 149°F) Humidity 20-90% RH (non-condensing)	In city like DURG, temperature neither goes down below 0° C nor 60° C ; thus asking for -40°C ~ 60°C is insignificant or a typo error. Requesting you to change it from "-40°C ~ 60°C" to "0°C ~ 50°C"		Please refer Corrigendum

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
131	8(c)19	75	Simultaneous Connection Upto 20 User	City surveillance is designed in multi cast network and system architecture requires only VMS connection to camera. Camera is always accessed by VMS with single management server and hence so many multiple users are not required.. Therefore, simultaneous Connection Upto 10 user		As per RFP
132	8(c)23	76	Illumination Color: 0.005 Lux @ (F1.2, AGC ON), B/W: 0.0005 Lux @ (F1.2, AGC ON), 0 Lux with IR	It may kindly changed to Illumination Color: 0.5 Lux @ (F1.2, AGC ON), B/W: 0.05 Lux @ (F1.2, AGC ON), 0 Lux with IR. To accommodate more camera manufacturers and increase fair competition.		As per RFP
133	8(c)37	76	Edge based/Software based - Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Motion detection, Tampering alarm, Unattended baggage, Object removal, Scene Change Detection	Pls allow to quote server based analytics for better integration and results.		As per RFP
134	8(e)12	78	Alarm - 7/2	Alarm 3/1, To accommodate more camera manufacturers and increase fair competition.		Consider Alarm 2/1 in the RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
135	8(e)19	78	Simultaneous Connection Upto 20 User	May kindly be changed to "Simultaneous Connection Upto 10 User" City surveillance is designed in multi cast network and system architecture requires VMS connection to camera. Camera is always accessed by VMS with single management server and hence so many multiple users are not required.		As per RFP
136	8(e)20	78	Lens Type 5.7-205 mm (36X), F1.6 or better motorized Varifocal, Autofocus	Lens Type F1.6 or better motorized Varifocal, Autofocus with focal length min in between 4mm-6 mm and max in between 160-200 mm.		Please refer Corrigendum
137	8(e)24	79	IR Distance upto 200 meters	Pls allow to quote external IR illuminator		Please refer corrigendum
138	8(e)36	79	Pan Manual Speed: 0.1°~160°/s, Pan Preset Speed: 240°/s Tilt Manual Speed: 0.1°~120°/s, Tilt Preset Speed: 200°/s	May kindly be changed to "Pan Manual Speed: 0.1°~120°/s, Pan Preset Speed: 240°/s Tilt Manual Speed: 0.1°~120°/s, Tilt Preset Speed: 300°/s" as Usually PAN/Tilt motor ratings are same		As per RFP
139	8(e)38	79	Face Detection, IntrusionFace Detection, Intrusion Detection, Line Crossing Detection, Audio Exception Detection, Region Entrance Detection, Region Exiting Detection, Motion detection, Dynamic analysis, Tampering alarm	Please allow to quote server based analytics for better integration and results.		As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
140	t) e-Challan Software Specifications	113	Operation:: 2. With the Android Smart Phone loaded with the Application, the field force will be well equipped to punch and generate the entire ticketing process in no time and with accuracy.	Application on android system cannot be on a public platform, as it is connected to the backend police databases and state data center and prone to hacking. It is requested that dedicated HAND HELD TERMINAL with embedded e-challan application is taken into consideration.		As per RFP
141	Phase 2 Bill of Material	123	<u>Equipment at Junctions</u> 2.IR Illuminator as per Specification:: 160 nos.	Kindly confirm whether the mentioned quantity of IR Illuminator is for Fixed Box Camera or for ANPR Camera. If it is for ANPR camera, kindly mention it precisely as written in Phase 1 Bill of Material.		Yes, It is for ANPR Cameras
142	1.2. Project Coverage	15	The selected bidder will implement below 11 locations in phase 1 <b>and integrate in Existing Dial 100 Control room</b>	Do we need to integrate the proposed Surveillance System to the existing Dial 100 solution also? Please advise. If yes, kindly provide the use-case for this integration.		No integration with existing Dial 100 is not required
143	1.2. Project Coverage	17	The Central monitoring location shall be situated at Dial 100 Control room at Durg.	It is understood that the entire video feed from the surveillance cameras from all 59 locations shall be monitored and recorded centrally at the Dial 100 Control room at Durg. Please confirm.		Yes
144	1.3. Summary of the Scope of work	17	The video surveillance data from various cameras deployed will be stored and monitored at the Command and Control Room.	The Command and Control room shall be situated at the Dial 100 Control room at Durg. Please confirm.		Yes



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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
145	1.3. Summary of the Scope of work	18	Phase 1 <b>Storage of feeds:</b> 50 TB storage of video feeds at Central location Recording will be with date, time and geo-stamping facility	a) 50TB storage is calculated for how many cameras? b) What is the number of days of storage considered? c) What is the camera bitrate considered to calculate the 50 TB storage? d) This 50TB is only for the Surveillance Cameras (Fixed (33) + PTZ (7)) cameras OR does it include the ANPR (78) cameras as well?		Initially we have requirement of 50 TB storage as per requirement of project department will order additional storage in multiple of 20 TB
146	1.3. Summary of the Scope of work	18	Phase 1 <b>Storage of feeds:</b> 50 TB storage of video feeds at Central location Recording will be with date, time and geo-stamping facility	We understand that the Surveillance Video feed ( from Fixed and PTZ cameras) will be recorded separately and ANPR + RLVD Video feed (from ANPR and RLVD cameras) will be recorded separately. Please confirm.		The solution should be designed by Bidder and easily accessible to Durg Police
147	5.2 Minimum Suggested Technical Specifications	43	iv. At no later stage bidder will have the option to suggest any procurement on ground of any item or its spares being proprietary in nature unless specifically mentioned in the bid and highlighted during <b>PoC</b> .	PoC is required as part of selection criteria? If yes, no details/requirements have been provided for the PoC in the RFP document.		PoC is not required
148	6. Scope of Work	49	To create a Central Command and Control Centre with Incident management system this is to be integrated with CAD and GIS of Dial 112 / 100 for effective Policing. Support and integration with the existing (If feasible existing cameras installed in the various junction in the city) and upcoming IP CCTV systems	a) It is understood that a <b>Command and Control Centre System/Application</b> (with Incident Management functionality) is also required for the CCC center at the Dial 100 control room. Please confirm. b) This <b>Command and Control Centre System/ Application</b> needs to be integrated with the CAD system. Please provide the use-case for this integration.		Integration with Existing Dial 100 application is not required

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
			(Phase 2).			
149	6. Scope of Work	49	c) Design, Supply, Standard Installation, integration with <b>existing City Surveillance infrastructure</b> , Testing, Integration of all project deliverables as per requirement defined by CGP and consultants appointed by it.	Which is the existing City Surveillance infrastructure? Do we need to integrate this with the new Surveillance system being proposed as per this RFP? If yes, please provide the details on the number of existing cameras etc. Also provide expectations from this integration.		Integration with Existing Dial 100 application is not required

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
150	6.1 Operating Condition	51	x. Integration  b. Use of Integration and Network for - Surveillance - VIP Movements - RTO records of vehicles - Licenses by keying in the vehicle Number - License registration numbers. - Photograph / image data of police	a) Are all these 6 integrations are required with the <b>Command and Control Centre System/Application</b> ? b) Please advise on the integration of "VIP Movement". Which system needs to be integrated for getting this information? Also provide a use-case for this integration. c) Please advise on the integration of "RTO records of vehicles". Which system needs to be integrated for getting this information? Also provide a use-case for this integration. d) Please advise on the integration of "Licenses by keying in the vehicle Number". Which system needs to be integrated for getting this information? Also provide a use-case for this integration. e) Please advise on the integration of "License registration numbers". Which system needs to be integrated for getting this information? Also provide a use-case for this integration. f) Please advise on the integration of "Photograph / image data of police". Which system needs to be integrated for getting this information? Also provide a use-case for this integration.		No integration with existing Dial 100 is not required

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
151	6.1 Operating Condition	51	c. Integration with DIAL 100 and similar Network/ Application of CGPolice: The Proposed CCTV system shall also be integrated with Dial 100 application and the call dispatch process at the State level Dial 100 police control room.	a) Proposed CCTV system to be integrated with Dial 100 application. Please provide a use-case for this integration. b) What is the use-case for integration of proposed CCTV system with the call dispatch process at the Dial 100 police control room. Please confirm.		No integration with existing Dial 100 is not required
152	6.1 Operating Condition	51	The selected VMS partner and Command & Control Centre solution provider would provide SDK free of cost to Dial 100 application System Integrator for integrating the two applications. The selected bidder for safe city would also provide all possible assistance to DIAL 100 team to enable successful integration.	a) So we need to only provide the VMS System / Command & Control Center system SDK to the Dial 100 application SI for integration? b) What is the scope and purpose of this integration for the Dial 100 team? c) What is the role of a VMS OEM/Command & Control Center system/solution OEM in this integration?		No integration with existing Dial 100 is not required
153	6.9 Extension of scope	57	. The proposed solution should be scalable for approximately another 300 camera's. The VMS, EMS/NMS should be scalable up to 1000 camera/ devices.	a) Please clarify this statement.300 cameras over and above the 554 cameras as per the BOM? Does this mean that we do the sizing for 854 cameras ( 300 + 554)? B) Does this mean that Video Management SW license is required for 1000 cameras from Day 1 OR we need to provide the Video Management SW license as per the BOM		The VMS , EMS/NMS should be scalable up to 1000 cameras and supply of licenses shall be as per BoM

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
154	8. Technical Specifications	Page 81 of 167	f) Video Management Software 4. System should provide Database Server Hot Redundancy from day one, Camera Server Hot Redundancy, and automatic fault tolerance for robust system uptime and Distributed database and video storage.	Please explain the requirement and expectation of Hot Redundancy		As per RFP
155	8. Technical Specifications	Page 82 of 167	f) Video Management Software 24. Remote firmware updates notifications and wizard driven installation shall be part of camera feature.	Is this a feature of a Video Management SW or a Camera feature?		Removed this clause from VMS
156	9. Bill of Material	Page 122 of 167	Phase 1 Bill of Material 5. Servers for EMS/NMS, Recording and Management Nos. 4	How are the servers calculated to be 4? Is this the minimum quantity required?		Yes This is minimum quantity
157	9. Bill of Material	Page 122 of 167	Phase 1 Bill of Material 6. SAN/NAS based Storage (50 TB) Nos.1	What is the basis of the calculation of 50 TB storage?		As per RFP
158	9. Bill of Material	Page 122 of 167	Phase 1 Bill of Material 10 . Video Management Software for 150Cameras including video Analytics Lumpum 1	a) We need to propose the Video Management SW license for only 150 cameras for Phase 1. Please confirm. B) Is this for the Surveillance Cameras Only ( Fixed (33) + PTZ (7)) and does not include ANPR and RLVD cameras?		150 includes All cameras in phase 1 (Fixed, PTZ, RLVD & ANPR)

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
159	9. Bill of Material	Page 123 of 167	Phase 2 Bill of Material 3. Additional SAN/NAS based Storage in 20 TB in phase 1 Storage device No.1	Please confirm if this is only 20 TB additional to 50TB in Phase 1 OR "multiple of 20 TB storage" as per Section 1.3, page 18		The Bidder should supply SAN/NAS with 50TB and expandable up to 400 TB storage in Phase 1 . In phase 2 Bidder will supply the Multiple in 20TB as per requirement and order release to Bidder in same hardware device.
160	9. Bill of Material	Page 123 of 167	Phase 2 Bill of Material 6. Additional License for VMS in pack of 10 cameras Pack 40	a) We need to propose the Video Management SW license for 400 cameras (10 * 40 packs) for Phase 2. Please confirm B) Is this for the Surveillance Cameras Only and does not include ANPR and RLVD cameras?		Total no. of camera in phase 2 is 428 including of Fixed, ANPR, RLVD & PTZ. Addittional 28 licenses is already procured in phase 1 hence only 400 licenses is required in Phase 2. If more licenses is required than Durg police will purchase in the Pack of 10
161		36	<b>(5a.)The bidder must have successfully completed and Running the project for more than a year, for Government / PSU, any one of the following criteria: One project of City Surveillance involving total number of Outdoor Surveillance Cameras &gt;=150 or Two projects of City Surveillance each involving total number of outdoor Surveillance Cameras &gt;=100 or Three projects of City Surveillance each involving total number of outdoor Surveillance Cameras &gt;=80 AND</b>	Ref format: Form 15:- "Project Citation Format" supported with Work order or Purchase Order (PO) or Letter of Intent (LoI) and Proof of Go-live/ Project completion/Client satisfactory certificates signed by the authorized official from client mentioning the scope of work and project value. Police Department may check the authenticity of the documents provided by the bidder. – Annexure – 2, Form 15	<b>(5a.)The bidder / OEM must have successfully completed and Running the project for more than a year, for Government / PSU / Enterprise/ Corporate, any one of the following criteria: One project of City Surveillance involving total number of Outdoor Surveillance Cameras &gt;=150 or Two projects of City Surveillance each</b>	Please refer Corrigendum

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
			5b. The bidder should have executed at least one project of Surveillance with minimum 50 ANPR Camera in any Govt. /PSU department		involving total number of outdoor Surveillance Cameras >=100 or Three projects of City Surveillance each involving total number of outdoor Surveillance Cameras >=80 <b>OR</b> 5b. The bidder should have executed at least one project of Surveillance with minimum 50 ANPR Camera in any Govt. /PSU department	
162		40	The bidder must have successfully completed and running for more than a year, for Government / PSU, any one of the following criteria: 1 Surveillance order of value >=4crore or 2 Surveillance orders each of value >=3crore or 3 Surveillance orders each of value >=2crore	Ref format: Form 15:- “Project Citation Format” supported with Work order or Purchase Order (PO) or Letter of Intent (LoI) and Proof of Go-live/ Project completion/Client satisfactory certificates signed by the authorized official from client mentioning the scope of work and project value. Police Department may check the authenticity of the documents provided by the bidder. – Annexure – 2, Form 15	The bidder must have successfully completed and running for more than a year, for Government / PSU/ <b>Enterprise / Corporate</b> , any one of the following criteria: 1 Surveillance order of value >=4crore or 2 Surveillance orders each of value >=3crore or 3 Surveillance orders each of value	As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
					>=2crore	
163		36	The bidder shall have ISO 9001:2015, certification	Copy of certification which is valid on date of submission.	The bidder shall have ISO 9001:2015, <b>ISO 20000-1:2011, ISO 27001:2013</b> certification	As per RFP
164	3.1	6	3.b. Bidder's annual average Turnover during each of the last 3 audited financial years (FY 1314,FY14-15 & FY 15-16) must Be INR 15 Crores.	Bidder's annual average Sales Turnover during each of the last 3 audited financial years (FY 1314, FY14-15 & FY 15-16) must be INR 10 Crores		As per RFP



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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
165	3.1	36	<p><b>(5a.)The bidder must have successfully completed and Running the project for more than a year, for Government / PSU, any one of the following criteria: One project of City Surveillance involving total number of Outdoor Surveillance Cameras &gt;=150 or Two projects of City Surveillance each involving total number of outdoor Surveillance Cameras &gt;=100 or Three projects of City Surveillance each involving total number of outdoor Surveillance Cameras &gt;=80</b></p> <p><b>AND</b></p> <p>5b. The bidder should have executed at least one project of Surveillance with minimum 50 ANPR Camera in any Govt. /PSU department</p>	The bidder should have successfully completed and running for more than a year, for Following criteria -Single project involving total number of outdoor surveillance cameras >=500 AND 1 project of ANPR system		Please refer Corrigendum
166	Fixed Box Cameras ,Camera Type	75	Box	Bullet with integrated IR for City surveillance application Box camera is not suitable , ideally it should be Bullet camera with integrated IR		As per RFP
167	Fixed Box Cameras ,Standard	75	ONVIF Profile S Compliant	ONVIF Profile S & G Compliant All leading brand have ONVIF "G" profile also so please add for smooth integration		ONVIF Profile S Compliant and with Profile G is also acceptable

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
168	Fixed Box Cameras ,Resolution	75	3MP (2048×1536) at 25 FPS or better	4 MP at 20 FPS City Surveillance application demands higher resolution for investigation Purpose , so minimum resolution should be 4 MP		As per RFP
169	Fixed Box Cameras ,Streaming	75	Min. Triple compressed stream (Individually Configurable)	Min. Dual compressed stream (Individually Configurable)		As per RFP
170	Fixed Box Cameras ,Security	75	User Authentication,IP Address filtering, Watermarking	User Authentication		watermarking is not required
171	Fixed Box Cameras ,Protocol	75	Minimum TCP, HTTP, RTP, RTSP, SNMP, IPV4, IPv6,FTP, NTP,DHCP, RTP, SMTP, UDP, UPnP, ICMP, IGMP, SSL, QoS, 802.1x, DNS, DDNS, HTTPS	Need to remove SSL,802.1X		As per RFP
172	Fixed Box Cameras ,Lens Type	75	5-50mm,C/CS Mount, Varifocal, P-Iris	auto focus and 3 to 9 mm remote zoom lens or higher Motorised Zoom lense is recommended for city Surveillance application as Junction is far and camera will be on Hight		As per RFP
173	Fixed Box Cameras ,Illumination	75	Color: 0.005 Lux @ (F1.2, AGC ON), B/W: 0.0005 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.30 Lux @ (F1.2, AGC ON) B/W: 0.01 Lux @ (F1.2, AGC ON)		As per RFP
174	Fixed Box Cameras ,IR Distance	75	100m	35 meter or higher		As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
175	Fixed Box Cameras ,Electronic Shutter	75	1 s – 1/100,000 s or better	As per OEM standard		As per RFP
176	Fixed Box Cameras ,Wide Dynamic Range	75	120dB Sensor based True WDR	Minimum 65 DB or higher		As per RFP
177	Fixed Box Cameras ,S/N Ratio	75	≥55dB	50 DB or higher		As per RFP
178	Fixed Box Cameras ,Edge based/Software based	75	Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Motion detection, Tampering alarm,Unattended baggage, Object removal,Scene Change Detection	Need to remove can be achieve through Sotware		As per RFP
179	Fixed Box Cameras ,Operating Temperature	75	-40°C ~ 65°C (-40°F ~ 149°F), Humidity 0 to 90 degree Humidity 20–90% RH (non-condensing)	45° to 50°C (–50° to 122°F)*15% to 85%, RH conden		Please refer Corrigendum
180	PTZ Cameras ,Standard	77	ONVIF Profile S Compliant	Onvif Profile S & G Please also Add ONVIF G compliant for smooth Integration		ONVIF Profile S Compliant and with Profile G is also acceptable
181	PTZ Cameras ,Alarm	77	07//02	02//01 two input and one output is sufficent for city surveillance project		Please refer Corrigendum

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
182	PTZ Cameras ,Lens Type	77	5.7-205 mm (36X), F1.6 or better motorised Varifocal,Autofocus	30 X optical Zoom                      30 X Optical Zoom is sufficient at junction and this is industry Standard		Please refer Corrigendum
183	PTZ Cameras ,IR Distance	77	Upto 200m	150 meter or higher		Please refer Corrigendum
184	PTZ Cameras ,Electronic Shutter	77	1~1/30,000s or better	As per Oem standard		As per RFP
185	2.4.1 Prequalification bid format	22	Bidders' (To be submitted by all consortium members and subcontractors)	We request the authority to specify maximum number of consortium members allowed to bid in this tender except the Lead bidder.		One Prime Bidder with one consortium partner is allowed in the Bid

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
186	<b>3.2 Qualification Criteria; 3</b>	30	<p>a. The Net Worth of the bidder must be positive for each of the last 3 audited financial years.</p> <p>b. Bidder's annual average Sales Turnover during each of the last 3 audited financial years (FY 13-14, FY14-15 &amp; FY 15-16) must be INR 15 Crores.</p>	<p>As we are 99.99% subsidiary of our parent company holding the same company name and same domain of operations, we request the authority to kindly consider the parent company credentials for Turnover, Net worth &amp; Project experience.</p> <p>Moreover, in most of the recent Indian bids, they have allowed the bidders to use their parent company credentials to get qualified in both financial &amp; Technical criteria, only if they are wholly owned subsidiaries of their parent Company. Also, to increase participation of more competitive bidders, we request you to kindly consider our request and make necessary amendments in the RFP document.</p>		As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
187	<b>3.2 Qualification Criteria; 5</b>	36	<p><b>(5a.)</b> The bidder must have successfully completed and Running the project for more than a year, for Government / PSU, any one of the following criteria: One project of City Surveillance involving total number of Outdoor Surveillance Cameras <math>\geq 150</math> or Two projects of City Surveillance each involving total number of outdoor Surveillance Cameras <math>\geq 100</math> or Three projects of City Surveillance each involving total number of outdoor Surveillance Cameras <math>\geq 80</math> AND 5b. The bidder should have executed at least one project of Surveillance with minimum 50 ANPR Camera in any Govt./PSU department</p>			Please refer Corrigendum
188	<b>Section 3.2: Qualification Criteria; 6</b>	36	<p>The bidder must have successfully completed and running for more than a year, for Government / PSU, any one of the following criteria: 1 Surveillance order of value <math>\geq 4</math> crore or 2 Surveillance orders each of value <math>\geq 3</math> crore or</p>			As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
			3 Surveillance orders each of value >=2crore			
189	<b>4.1 Technical Evaluation Criteria;1</b>	39	Average annual turnover from IT/ITES. The aggregate average annual turnover of the Bidder / Consortium during last three financial years (FY 2014-15, FY 2015-16, FY 2016-17). Turnover of any parent, subsidiary, associated or other related entity will not be considered.			As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
190	<b>4.1 Technical Evaluation Criteria; 2</b>	40	<p>Government Experience for Surveillance Projects: The bidder must have successfully completed and running for more than a year, for Government / PSU:have successfully completed and running for more than a year, for Government / PSU:5 City Surveillance project involving at least 100 ANPR and Surveillance Cameras (Two project of more than &gt;=150 camera is mandatory) – 40 Marks</p> <p>3 City Surveillance project involving at least 100 ANPR and Surveillance Cameras (one project of more than &gt;=150 camera is mandatory)– 30 Marks</p> <p>3 City Surveillance project involving at least 80 ANPR and Surveillance Cameras (one project of more than &gt;=100 camera is mandatory)– 20 Marks</p> <p>1 City Surveillance projects each involving total number of ANPR and Surveillance Cameras &gt;=150 – 20 Marks</p> <p>1 City Surveillance projects each involving total number of ANPR and Surveillance Cameras &gt;=100 – 15 Marks</p> <p>2 City Surveillance projects each involving total number of ANPR and Surveillance Cameras &gt;=80 – 15 marks</p> <p>1 City Surveillance projects each involving total number of ANPR</p>			Please refer Corrigendum



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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
			and Surveillance Cameras >=80 - 10 marks			

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
191	<b>4.1 Technical Evaluation Criteria;3</b>	40	<p>Government Experience Project Value. The bidder must have successfully completed and running for more than a year, for Government / PSU, any one of the following criteria:</p> <ul style="list-style-type: none"> <li>• 5 Project worth more than 2crore each (1 Project worth 4 CR or more is mandatory)– 20 Marks</li> <li>• 4 Project worth more than 2crore each (1 Project worth 3 CR or more is mandatory) – 15 Marks</li> <li>• 1 Surveillance order of value &gt;=4 crore OR 2 Surveillance orders each of value &gt;=3 crore OR 3 Surveillance orders each of value &gt;=2 crore – 10 Marks</li> </ul>			Please refer corrigendum
192	<b>Under Notes</b>	37	Note: Last 3 consecutive audited financial years before 2012-13 will not be considered for evaluation and the bid will summarily be rejected.	From the mentioned clause, we hope that the bidders could also submit the financials for the year 2013-2014, 2014-15, & 2015-16, and for those with foreign parent company financials could submit for the year 2014, 2015 & 2016 (in foreign countries financials will be calculated for year end, Dec 31st), if the current year is under auditing		As per RFP
193	<b>Section 3.2: Qualification Criteria, 7a</b>	36	The bidder shall have ISO 9001:2015, certification	We request the authority to accept any one of the certificate - ISO 9001: 2015 or ISO 9001:2008 which allow qualified bidders to participate.		As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
194	Red Light Violation Detection (RLVD) System	67	General	Please specify the data retention period for the RVLD systems.		As per RFP
195	Red Light Violation Detection (RLVD) System	67	General	Do we need to store raw data in local processing unit? If required please mention number of days the data to be stored.		As per RFP
196	Red Light Violation Detection (RLVD) System	67	General	Please specify the number of days the violation data need to be stored in central command center.		As per RFP
197	ANPR System	73	General	Please specify the number of days the violation data need to be stored in central command center		As per RFP
198	5. System Requirement	42	Video Analytics	We hope that requirement of video analytics is only for Surveillance. Please clarify the requirement of Video Analytics.		As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
199	Section 1.2 Project Coverage	17	The Central monitoring location shall be situated at Dial 100 Control room at Durg.	Please clarify whether all the systems is monitored in Dial 100 control room		Yes, Dial 100 Control room Video Wall will be used for monitor
200	Datacenter	-	General	Request authority to kindly confirm whether the Datacenter is located near to Dial 100 control/Central Monitoring Centre. Please provide the Data Centre location.		As per RFP
201	Disaster Recovery site	-	General	Request authority to kindly confirm whether Disaster Recovery Site part of this project and is in scope of bidder.		As per RFP
202	Storage	-	General	Please mention storage period required for RVLVD, ANPR, Video analytics at Local Processing Unit and at Data Centre.		As per RFP
203	1.2. Project Coverage	15	The identified 11 locations are as follows:	Request location wise lane count to calculate the exact count of sensors required for RLVD, ANPR systems.		As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
204	8.Technical Specifications	67	The solution proposed by the SI shall seamlessly integrate with the E-Challan system proposed under the scope of this project.	Scope of e-Challan system is not provided in tender. Please clarify whether the SI can propose the features for eChallan system?		As per RFP
205	8.Technical Specifications	68	The system should be able to process and read number plates of vehicles with speed even up to 150 km/hr.	The tender doesn't specifically mention any sensor to detect the speed of vehicle like radar, laser etc. Please clarify whether the expectation is to detect the speed of the vehicle using camera.		As per RFP
206	a) Red Light Violation Detection (RLVD) System	68	The system should have the facility to provide the live feed of the camera to the central monitoring station or as per employer's requirement	In Page 63, the transferring of violation data to back office is expected via GPRS/3G/lease line or other better means.Please clarify whether Fiber Optic Cabling will be available for facilitating this feature?		As per RFP
207	a) Red Light Violation Detection (RLVD) System	71	Encrypted data and images pertaining to Violations should be transmitted to the Back office electronically through GPRS/3G/leased lines or any other better means of network. Integrity of the communications link will be ensured by use of standard file transfer protocols supporting CRC checks on all transmissions	Section vi) FIBER OPTIC CABLING in page 91 of City Surveillance Tender Durg final _V2.1_MN document details the requirement specification for OFC cabling. Please clarify whether OFC cabling will be provided from all roadside processing stations of RLVD, ANPR systems to control Centre?		As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
208	a) Red Light Violation Detection (RLVD) System	71	ANPR Camera a. IP camera: 2 megapixel or above, Power over Ethernet b. HDTV 1080p resolution or above	The Fixed Box Cameras specification provided in page 67 requires cameras with 3MP or better resolution. Please clarify whether this specification is applicable for RLVD and ANPR solution as well or whether SI can propose a camera with 2MP resolution?		As per RFP
209	a) Red Light Violation Detection (RLVD) System	71	The system should have an accuracy of at least 80% vehicle number plate recognition capability for printed license plates in standard format and fonts of 4- wheelers	Request the authority to change the clause as:- The system should have an accuracy of at least 70% vehicle number plate recognition capability for printed license plates in standard format and fonts of 4-wheelers		As per RFP
210	a) Red Light Violation Detection (RLVD) System	72	System should be able to observe the movement of vehicle on a particular approach road of a traffic junction from existing ANPR /context camera given part of RLVD without using additional vehicle detection camera/sensors. If no vehicle is found on a particular approach for a certain time, the system should be able to trigger the traffic light controller to adjust the timing of traffic lights of that approach and distribute the time so saved to other approach traffic lights. This traffic light time optimization should be limited to the respective traffic junction only. The traffic light controller should be connected to the local	Please provide more information on the traffic controller installed at the proposed location. How can the roadside processing system communicate with the controller at location?		As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
			processing unit at site to do this local optimization.			
211	9.Bill of Material	101	The total number of local processing station is estimated to be 11 as per BOQ.	Please provide the number of locations that ANPR systems will be installed and what would be approximate distance between each locations. Please clarify whether the quantity of LPS can be changed based on processing requirements and distance between locations.		As per RFP
212	System Requirement	42	Network Connectivity at junctions will be provided by Drug Police through dedicated optical fiber cables laying for connectivity within the city (over ground / Underground).	Do the required Bandwidth for the surveillance will be provided by the authority? Please confirm		As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
213	System Requirement	42	Storage/archiving of video and picture stream at NAS/SAN Storage and retrieve as per requirement. However certain feed may be required to be retained for court/investigation	Please specify How many days of surveillance feed to store in the storage		As per RFP
			related matters beyond that period.			As per RFP
214	System Requirement	42	Bidder may use the existing IT infrastructure (Video Wall, AC and civil infrastructure) available in present control room, but it is the sole responsibility of bidder to maintain the SLA given in the RFP.	Do the bidder need to account AMC for Video Wall, AC and civil infrastructure? Please confirm		As per RFP
215	Traffic enforcement systems – General query	-	Bandwidth requirement	Do the Bandwidth required for the traffic enforcement systems will be provide by the authority?		As per RFP
216	Traffic enforcement systems - General query	-	Storage of violation	Please specify the data retention period		As per RFP



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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
217				for violations.		As per RFP
218	8. Technical Specifications	67	The bidder should propose the camera from Axis, Bosch, Palco, Panasonic, sony and Honeywell Make. Any other make or model of camera is not acceptable.	Request the authority to remove this clause so that bidders can suggest the best cameras that comply with the required technical specification which gives quality outputs.		Please refer Corrigendum
219	System Requirement	42	Network Connectivity at junctions will be provided by Durg Police through dedicated optical fibre cables laying for connectivity within the city (over ground / Underground).	Request the authority to specify the approximate distance between the network points to each traffic junctions. This will help bidders to calculate the last mile connectivity at each junctions. Request authority to kindly upload a table with name of junction, number of lanes, last mile distance to network point, lat- long information.		Bidder will visit the junctions before bidding in the Tender
220	Bidding Datasheet	13	Last date (deadline) for submission of the bid 25th August 2017 till 3 pm	As per the RFP, there is only 14 more working days for bid submission after pre-bid query clarifications published on 4th August 2017. Considering the scope of this project, we would require site survey to study the bill of materials and liaise with OEMs' to craft the proposal. Hence, we request the authority to extend the bid due date at least by three weeks from the current date of submission.		As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
221	8. Technical Specifications b) ANPR System	75	Systems requirement • Local Server at Intersection: The system must run on a Commercial off the Shelf Server (COTS). Outdoor IP 66 Quad core processor based server should be able to cover at least 8 lanes. Temperature rating of the server should be at least 60 degree	The envisaged requirement to cover at least 8 lanes using one local server would require a high end specification which will demand higher cost and processing will be under-utilized in current scenario. Hence, request you to allow bidders to design the local processing units specification as per the solution design.		As per RFP
222	3.1	35	Point No.2 Legal Entity The company should be in the IT/ITES/Surveillance System business for at least 5 (five) years as of 31 st March 2017 and should be registered under Companies Act, 1956	In this point you forget to add the word Firm by mistake, so that we are requesting to you please add this word.		As per RFP
223		36	Point No.3 Bidder's annual average Sales Turnover during each of the last 3 audited financial year (FY 13-14, FY 14-15 & FY 15-16) must be INR 15 Crores.	According to your EMD. Estimated value calculate according to 1% then value comes 12 core and If we are calculate according to 2% value comes 6 crore and you required average annual turnover 15 crores or more which in very much. Note: In CVC Guidline, it is very clearly mentioned that average annual turnover is 30% of the estimated value. while you are asking for 300 to 500% percent. Therefore, it is a special request to you the subject matter average annual turnover should be done 6 crore or maximum 10 crore.		As per RFP & as per MeitY Guidelines

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
224		36	Point No.5a The bidder must have successfully completed and running the project for more than a year, for Government/PSU, any one of the following criteria: One project of City Surveillance involving total number of ANPR Indoor/Outdoor surveillance Cameras>=1500 or Two projects of city Surveillance each involving total number of Outdoor Surveillance Cameras>=100 or Three projects of city Surveillance each involving total number of Outdoor Surveillance Cameras>=80	Please replace the city Surveillance word in this Point with the surveillance word because you already given the surveillance order in point no.6 and add Indoor word with the options of Outdoor Surveillance cameras and also add the ANPR word and remove the 5b clause in this.		Please refer Corrigendum
225		39	.>=15 Crores to <30 Crore= 5 Marks .>=30 Crores to <45 Crore= 10 Marks .>=45 Crores to <60 Crore= 15 Marks .>=60 Crores to = 20 Marks	In this Clause, you decided the marking criteria for Technical Evaluation which is not according to eligibility criteria and which is much higher than the eligibility criteria. According to your technical evaluation criteria. We and most of the other bidder will not qualifying this Parameter of Evaluation.		As per RFP

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S.No	Section No.	Page no.	Content of the RFP requiring clarification	Clarification Sought	Remarks if Any	Response from Durg Police
226		39	<p>. 5 City Surveillance project involving at least 100 ANPR and Surveillance Cameras (Two project of more than &gt;=150 camera is mandatory) - 40 Marks</p> <p>. 3 City Surveillance project involving at least 100 ANPR and Surveillance Cameras (One project of more than &gt;=150 camera is mandatory) - 30 Marks</p> <p>. 3 City Surveillance project involving at least 80 ANPR and Surveillance Cameras (one project of more than &gt;=100 camera is mandatory) - 20 Marks</p> <p>. 1 City Surveillance project each involving total number of ANPR and Surveillance Cameras &gt;=150 - 20 Marks</p> <p>. 1 City Surveillance project each involving total number of ANPR and Surveillance Cameras &gt;= 100 - 15 Marks</p> <p>. 2 City Surveillance project each involving total number of ANPR and Surveillance Cameras &gt;= 80 - 15 Marks</p> <p>. 1 City Surveillance project each involving total number of ANPR and Surveillance Cameras &gt;= 80 - 10 Marks</p>	<p>For example:</p> <p>1. You require the average annual turnover is Rs.15 Crore in eligibility criteria and intechanical evaluation criteria in point no.1. you marks the 5 for Rs.15 crore and marks 20 for Rs.60 crore which is wrong. You musk mark 20 for Rs.15 Crore project.</p> <p>2 Also in point no.2 you mention city surveillance project while you consider the city surveillance/outdoor surveillance in the eigibility critera and also marking 40 which is wrong and same as it is in this point you required 80 ANPR cameras while in eligibility criteria you required 80 ANPR cameras while in eligibility criteria you require the 50 ANPR Cameras.</p> <p>"So we are requesting to you kindly mach the technical evaluation criteria with the eligibility criteria."</p>		Please refer corrigendum
227		67	The bidder should propose the camera from Axis, Bosch, Pelco, Panasonic, sony and Honeywell Make. Any other make or model of camera is not acceptable.	we request you to kindly include Tyco in preferred makes for CCTV camera and Video Management Software for your esteemed project.		As per RFP

