Sl. No.	Detailed Reference to Tender Document. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	Response from TPCODL
1	Clause No- 1.05 (NVR)	CMS (Central monitoring station or Central monitoring software) I Mobile Software	NVR is a standalone recording device , so VMS software is not included in all condition , separate hardware server required to install the software Request to remove this part from the tender spec.	TPCODL will provide the required desktop system
2	Clause No- 1.06 (NVR)	3D behaviour analysis	3D behaviour analysis also can not do the NVR , separate behaviour analysis sever required for this. Request to remove this part from the tender spec.	TPCODL will provide the required desktop system
3	Clause No- 1.10 (NVR)	Post-record(after motion detection): 10~300 sec	min. 10 sec. post record after motion detection is not possible for all OEM , its generally max. 5 sec. Request to revise this part from 5~300 sec	Tender Clause stands
4	Clause No- 2.08 (Bullet Camera)	voltage detection	voltage detection analysis is not possible from Camera , its OEM specific . Request to remove this part from the tender spec.	Tender Clause stands
5	Clause No- 2.1 (Bullet Camera)	voltage detection	Temperature:-40°C to +60°C this temp. range is not practically required in the state like orissa . If we need this then required built in heater in the camera which will increase the cost of the product . Request to revise this part Temperature:-30°C to +60°C	The Clause to be read as follows Temperature:-30°C to +60°C, Humidity:≤95%
6	Clause No- 3.08 (Bullet Camera)	voltage detection	voltage detection analysis is not possible from Camera , its OEM specific . Request to remove this part from the tender spec.	Tender Clause stands
7	Clause No- 3.1 (Bullet Camera)	Temperature:-40°C to +60°C	Temperature:-40°C to +60°C this temp. range is not practically required in the state like orissa . If we need this then required built in heater in the camera which will increase the cost of the product . Request to revise this part Temperature:-30°C to +60°C	The Clause to be read as follows Temperature:-30°C to +60°C, Humidity:≤95%
8	Clause No- 4.04 (ANPR Camera)	Lens:5-50mm	this is AI analytics camrera for ANPR , so lens size can vary from OEM to OEM . Request to remove this part from the tender spec. or can give as per OEM quote .	Tender Clause stands
9	Clause No- 4.14 (ANPR Camera)	Intelligent on-board analytics: Motion detection, Region Entrance/Exit, Object removal, Tampering alarm, Network disconnect, Face Detection, Line crossing detection, Intrusion detection,	this is AI analytics camrera only for ANPR , So can not get this analytics from this camera as this camera exclusively for number plate recognition.Request to remove this part from the tender spec.	Tender Clause stands
10	Clause No- 4.17 (ANPR Camera)	1RS-232 interface	RS232 is more than able to perform for a short distance and low data speed requirements. RS232 has a transmission speed of 1Mb/s up to 15M. However, RS485 has a data transmission speed of up to 10Mb/s for a distance of 15M. At the maximum of 1200M, RS485 transmits at 100Kb/s So if we have RS-485 then we no need to add RS-232 port interface also . So remove RS-232 interface from the tender spec.	RS232 or RS485 are acceptable and all the compatible accessories are in the scope of the bidder.
11	Clause No- 4.19 (ANPR Camera)	Video Output (-S):1Vp-p composite output (75 O/BNC)	each IP camera have built-in web server , So we can configure or adjust the camera through IP address of this camera.Request to remove this part from the tender spec.	The Clause to be read as follows "*Video Output (-S):1Vp-p composite output (75 O/BNC) OR Built in web server to render the video output*"
12	Clause No- 4.21 (ANPR Camera)	Intelligent Features: Scene change detection, Sudden audio increase/decrease detection, Audio loss detection, Defocus detection	this is AI analytics camrera only for ANPR , So can not get this analytics from this camera as this camera exclusively for number plate recognition Request to remove this part from the tender spec.	Tender Clause stands
13	Clause No- 4.22 (ANPR Camera)	IR Capability: Minimum 100 Mtr Internal/External	this is AI analytics camrera only for ANPR , So this camera exclusively for number plate recognition , so the IR distance can vary OEM to OEM . Request to revise this IR Capability: Minimum 50 Mtr or Higher	Tender Clause stands
14	Clause No- 4.23 (ANPR Camera)	Built in Heater and Blower	Temperature:-40°C range is not practically required in the state like orissa . If we add built in heater in the camera which will increase the cost of the product , Practically is not required at this install location Request to remove this part from the tender spec.	The Clause to be read as follows Temperature:-30°C to +60°C, Humidity:≤95%
15	1.05	CMS (Central monitoring station or Central monitoring software) I Mobile Software	NVR is a standalone recording device , so VMS software is not included in all condition , separate hardware server required to install the software Changes Requested: Request to remove this part from the tender spec.	TPCODL will provide the required desktop system
16	1.06	3D behaviour analysis	3D behaviour analysis also can not do the NVR , separate behaviour analysis sever required for this . Changes Requeseted: Request to remove this part from the tender spec.	TPCODL will provide the required desktop system
17	1.1	Post-record(after motion detection): 10~300 sec	min. 10 sec. post record after motion detection is not possible for all OEM , its generally max. 5 sec. Changes Requested: Request to revise this part from 5~300 sec	Tender Clause stands

18	2.08	voltage detection	voltage detection analysis is not possible from Camera , its OEM specific . Changes Requested: Request to remove this part from the tender spec.	Tender Clause stands
19	2.1	Temperature:-40°C to +60°C	Temperature:-40°C to +60°C this temp. range is not practically requried in the state like orissa . If we need this then requried built in heater in the camera which will increase the cost of the product . Changes Requested: Request to revise this part Temperature:-30°C to +60°C	The Clause to be read as follows Temperature:-30°C to +60°C, Humidity:≤95%
20	3.08	voltage detection	voltage detection analysis is not possible from Camera , its OEM specific . Request to remove this part from the tender spec.	Tender Clause stands
21	3.1	Temperature:-40°C to +60°C	Temperature:-40°C to +60°C this temp. range is not practically requried in the state like orissa . If we need this then requried built in heater in the camera which will increase the cost of the product . Changes Requested: Request to revise this part Temperature:-30°C to +60°C	The Clause to be read as follows Temperature:-30°C to +60°C, Humidity:≤95%
22	4.04	Lens:5-50mm	this is AI analytics camrera for ANPR , so lens size can vary from OEM to OEM . Changes requested: Request to remove this part from the tender spec. or can give as per OEM quote .	Tender Clause stands
23	4.14	Intelligent on-board analytics: Motion detection, Region Entrance/Exit, Object removal, Tampering alarm, Network disconnect, Face Detection, Line crossing detection, Intrusion detection,	this is AI analytics camrera only for ANPR , So can not get this analytics from this camera as this camera exclusively for number plate recognition .	Tender Clause stands
24	4.17	1RS-232 interface	RS232 is more than able to perform for a short distance and low data speed requirements. RS232 has a transmission speed of 1Mb/s up to 15M. However, RS485 has a data transmission speed of up to 10Mb/s for a distance of 15M. At the maximum of 1200M, RS485 transmits at 100Kb/s Changes Requested: So if we have RS-485 then we no need to add RS-232 port interface also . So remove RS-232 interface from the tender spec.	RS232 or RS485 are acceptable and all the compatible accessories are in the scope of the bidder.
25	4.19	Video Output (-S):1Vp-p composite output (75 O/BNC	each IP camera have built-in web server , So we can configure or adgust the camera through IP address of this camera . Changes Requested: Request to remove this part from the tender spec	The Clause to be read as follows "Video Output (-S):1Vp-p composite output (75 O/BNC) OR Built in web server to render the video output"
26	4.21	Intelligent Features: Scene change detection, Sudden audio increase/decrease detection, Audio loss detection, Defocus detection	this is AI analytics camrera only for ANPR , So can not get this analytics from this camera as this camera exclusively for number plate recognition Changes Requested: Request to remove this part from the tender spec	Tender Clause stands
27	4.22	IR Capability: Minimum 100 Mtr Internal/External	this is AI analytics camrera only for ANPR , So this camera exclusively for number plate recognition , so the IR distance can vary OEM to OEM . Changes Requested: Request to revise this IR Capability: Minimum 50 Mtr or Higher	Tender Clause stands
28	4.23	Built in Heater and Blower	Temperature:-40°C range is not practically requried in the state like orissa . If we add built in heater in the camera which will increase the cost of the product , Practically is not requried at this install location Changes Requested: Request to remove this part from the tender spec	The Clause to be read as follows Temperature:-30°C to +60°C, Humidity:≤95%
29	Anexure-II/Cla No.:-1.05/ Pg.No.:-19	CMS (Central monitoring station or Central monitoring software)/ Mobile Software	Video metadat on ANPR camera usualy not available in any brand. It comes with special software of ANPR	TPCODL will provide the required desktop system
30	Anexure-II/Cla No.:-4.02/ Pg.No.:-20	Min illumination:Color: 0.06 Lux, B/W: 0.006 Lux, 0 lux with IR on	Colour: 0.001Lux @ (F1.2, AGC ON), 0.008 Lux @ (F1.4, AGC ON), B/W: 0 Lux with IR on	Tender Clause stands
31	Anexure-II/Cla No.:-4.17/ Pg.No.:-21	Communication Interface:1 RJ45 10M/100M/1000M Ethernet port, 1 RS-485 interface and 1 RS-232 interface	1 RJ45 10M/100M Ethernet port No RS 485 and RS 232 Port	RS232 or RS485 are acceptable and all the compatible accessories are in the scope of the bidder.
32	Anexure-II/Cla No.:-4.19/ Pg.No.:-21	Video Output (-S):1Vp-p composite output (75 Ω/BNC)	It usualy don't come with latest cameras. Hence request to remove it	The Clause to be read as follows "Video Output (-S):1Vp-p composite output (75 O/BNC) OR Built in web server to render the video output"
33	Anexure-II/Cla No.:-4.21/ Pg.No.:-21	Intelligent Features: Scene change detection, Sudden audio increase/decrease detection, Audio loss detection, Defocus detection	It Comes with ANPR software hence reqeust to change with the ANPR SOFTWARE	Tender Clause stands

#	Tender Reference	Specification	Bidder Query / Remarks	TPCODL Response
34		ANPR CAMERA	Simple Camera will work as a normal camera, which will record in NVR like other camera too. ANPR camera actual features will only come through ANPR SOFTWARE, which will give you actuaal data of VEHICLE NUMBER, ITS COLOUR, anad many more during SEARCH on later on date or when you actualy need to search to locate and track one vehicle.	Tender Clause stands
35	Tender Enquiry No.TPCODL/P&S/1000000155/2021-22/Annexure II/Point No. 1 NVR/1.05 /Page No.19	CMS (Central monitoring station or Central monitoring software) / Mobile Software	NVR is a standalone recording device , so VMS software is not included in all condition , separate hardware server requried to install the software. Request to remove this part from the tender spec.	TPCODL will provide the required desktop system
36	Tender Enquiry No.TPCODL/P&S/1000000155/2021-22/Annexure II/Point No. 1 NVR/1.06 /Page No.19	3D behaviour analysis	3D behaviour analysis also can not do the NVR , separate behaviour analysis sever requried for this. Request to remove this part from the tender spec.	TPCODL will provide the required desktop system
37	Tender Enquiry No.TPCODL/P&S/1000000155/2021-22/Annexure II/Point No. 1 NVR/1.10 /Page No.19	Post-record(after motion detection): 10~300 sec	min. 10 sec. post record after motion detection is not possible for all OEM , its generally max. 5 sec. Request to revise this part from 5~300 sec	Tender Clause stands
38	Tender Enquiry No.TPCODL/P&S/1000000155/2021-22/Annexure II/Point No. 2 Bullet Camera/2.08 /Page No.20	Detection: Abnormality detection: Motion detection, video tempering, no SD card, SD card full, SD card error, network disconnected, IP conflict, illegal access, voltage detection	voltage detection analysis is not possible from Camera , its OEM specific . Request to remove this part from the tender spec.	Tender Clause stands
39	Tender Enquiry No.TPCODL/P&S/1000000155/2021-22/Annexure II/Point No. 2 Bullet Camera/2.10 /Page No.20	Temperature:-40°C to +60°C, Humidity:≤95%	Temperature:-40°C to +60°C this temp. range is not practically requried in the state like orissa . If we need this then requried built in heater in the camera which will increase the cost of the product . Request to revise this part Temperature:-30°C to +60°C	The Clause to be read as follows Temperature:-30°C to +60°C, Humidity:≤95%
40	Tender Enquiry No.TPCODL/P&S/1000000155/2021-22/Annexure II/Point No. 3 PTZ Camera/3.08 /Page No.20	Detection: Abnormality detection: Motion detection, video tempering, no SD card, SD card full, SD card error, network disconnected, IP conflict, illegal access, voltage detection	voltage detection analysis is not possible from Camera , its OEM specific . Request to remove this part from the tender spec.	Tender Clause stands
41	Tender Enquiry No.TPCODL/P&S/1000000155/2021-22/Annexure II/Point No. 3 PTZ Camera/3.10 /Page No.20	Temperature:-40°C to +60°C, Humidity:≤95%	Temperature:-40°C to +60°C this temp. range is not practically requried in the state like orissa . If we need this then requried built in heater in the camera which will increase the cost of the product . Request to revise this part Temperature:-30°C to +60°C	The Clause to be read as follows Temperature:-30°C to +60°C, Humidity:≤95%
42	Tender Enquiry No.TPCODL/P&S/1000000155/2021-22/Annexure II/Point No. 4 ANPR Camera/4.04 /Page No.20	Lens:5-50mm	this is AI analytics camrera for ANPR , so lens size can vary from OEM to OEM . Request to remove this part from the tender spec. or can give as per OEM quote.	Tender Clause stands
43	Tender Enquiry No.TPCODL/P&S/1000000155/2021-22/Annexure II/Point No. 4 ANPR Camera/4.14 /Page No.21	Intelligent on-board analytics: Motion detection, Region Entrance/Exit, Object removal, Tampering alarm, Network disconnect, Face Detection, Line crossing detection, Intrusion detection,	this is AI analytics camrera only for ANPR , So can not get this analytics from this camera as this camera exclusively for number plate recognition.Request to remove this part from the tender spec.	Tender Clause stands
44	Tender Enquiry No.TPCODL/P&S/1000000155/2021-22/Annexure II/Point No. 4 ANPR Camera/4.17 /Page No.21	Communication Interface:1 RJ45 10M/100M/1000M Ethernet port, 1 RS-485 interface and 1 RS-232 interface	RS232 is more than able to perform for a short distance and low data speed requirements. RS232 has a transmission speed of 1Mb/s up to 15M. However, RS485 has a data transmission speed of up to 10Mb/s for a distance of 15M. At the maximum of 1200M, RS485 transmits at 100Kb/s So if we have RS-485 then we no need to add RS-232 port interface also . So remove RS-232 interface from the tender spec.	RS232 or RS485 are acceptable and all the compatible accessories are in the scope of the bidder.
45	Tender Enquiry No.TPCODL/P&S/1000000155/2021-22/Annexure II/Point No. 4 ANPR Camera/4.19 /Page No.21	Video Output (-S):1Vp-p composite output (75 Ω/BNC)	each IP camera have built-in web server , So we can configure or adgust the camera through IP address of this camera . Request to remove this part from the tender spec.	The Clause to be read as follows *"Video Output (-S):1Vp-p composite output (75 O/BNC) OR Built in web server to render the video output"*
46	Tender Enquiry No.TPCODL/P&S/1000000155/2021-22/Annexure II/Point No. 4 ANPR Camera/4.21 /Page No.21	Intelligent Features: Scene change detection, Sudden audio increase/decrease detection, Audio loss detection, Defocus detection	this is AI analytics camrera only for ANPR , So can not get this analytics from this camera as this camera exclusively for number plate recognition.Request to remove this part from the tender spec.	Tender Clause stands
47	Tender Enquiry No.TPCODL/P&S/1000000155/2021-22/Annexure II/Point No. 4 ANPR Camera/4.22 /Page No.21	IR Capability: Minimum 100 Mtr Internal/External	this is AI analytics camrera only for ANPR , So this camera exclusively for number plate recognition , so the IR distance can vary OEM to OEM .Request to revise this IR Capability: Minimum 50 Mtr or Higher.	Tender Clause stands
48	Tender Enquiry No.TPCODL/P&S/1000000155/2021-22/Annexure II/Point No. 4 ANPR Camera/4.23 /Page No.21	Camera Housing: Housing with Internal/External IR Illuminator, IP66,IK10, CE, FCC rated, Built in Heater and Blower	Temperature:-40°C range is not practically requried in the state like orissa . If we add built in heater in the camera which will increase the cost of the product , Practically is not requried at this install location.Request to remove this part from the tender spec.	The Clause to be read as follows Temperature:-30°C to +60°C, Humidity:≤95%
49	Tender Enquiry No.TPCODL/P&S/1000000155/2021-22/Annexure II/Point No. 5 Display at Command and Control Center/5.04 /Page No.21	Brightness- 350 nits or better	500 nits or better	Tender Clause stands

50	Tender Enquiry No.TPCODL/P&S/1000000155/2021-22/Annexure II/Point No. 5 Display at Command and Control Center/5.05 /Page No.22	Resolution- 1920 x 1080 or better	UHD (3840 x 2160)	Tender Clause stands. Bidder should size the storage for proposed higher resolution devices without deviating the number of days of storage
51	Tender Enquiry No.TPCODL/P&S/1000000155/2021-22/Annexure II/Point No. 7 36U Rack for Command and Control Center/7.01 /Page No.23	Enclosure; The enclosure shall be suitable for mounting in standard racks with a closed cabinet with perforated glass door.	Front Glass Door and Rear Perforated Door	Tender Clause stands
52	Tender Enquiry No.TPCODL/P&S/1000000155/2021-22/Annexure II/Point No. 7 36U Rack for Command and Control Center/7.07 /Page No.23	Side Panels; Perforated steel panels	Side Panels are Vented	Vented panels are acceptable.
53	Tender Enquiry No.TPCODL/P&S/1000000155/2021-22/Annexure II/Point No. 8 UPS 5 KVA/ Battery Bank with 200 AH 12V capacity with 3.5 hours back up/8.13 /Page No.24	Battery Backup:30 Minutes at full load or better	Please Clarify 30 minutes backup or 3.5 hrs back up. As in annexure I Point 8 it is mentioned 3.5 hours Backup	Power backup is to be considered as 3.5 Hours.
54		General	All Outdoor Camera should be fixed in the separate pole along with Junction box	Poles required in this project will be provided by TPCODL