

Tender No : TPSODL/OT/2022-23/096				
Package Name: Rate Contract for SITC of CCTV Camera for PAN TPSODL				
Reply to Technical and Commercial Pre-Bid Queries				
Sr. No.	Detailed Reference to TPSODL Tender Document. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	TPSODL Response
1	Delivery Timelines	The Material should be delivered within 6 Weeks from order issuance date and installation of the same should be done in two weeks from the date of intimation.	The delivery would be accepted within 12-16 weeks after receiving the RO. Due to globally Shortage of Components device Manufacturing is Impact Badly. We request you to change this clause.	8-10 weeks
2	Payment Terms	The bidder shall submit the invoices on completion of installation against each Release Order basis and the payment shall be released within 60 days from the date of submission of certified bills/invoices.	Being MSME we request you, the payment shall be released within 30 days against successful delivery and acceptance of Material.	No change
3	IO interface	4 input/2 output	<b>Change / Amendment Requested : 1in &amp; 1Out</b> <b>Justification:</b> This is OEM Specified feature, 1 in & 1 out is sufficient for single zone alarm.	Min 2 input/2 output
4	Working temperature	-20°C ~ +70°C	Kindly change to <b>-30°C ~ +60°C</b>	-20°C ~ +60°C
5	Bitrate	128kbps ~ 16mbps, VBR & CBR	<b>Change / Amendment Requested : 8Mbps</b> <b>Justification:</b> As per H.265 video compression required variable 16Mbps, But we provide H.265+ video compression which reduce 50% bandwidth. So 8 Mbps is sufficient bandwidth for H.265 Video compression.	No change
6	Lens type	Fixed focus 2.8mm	Request you change to <b>3.6mm Lens</b>	Min fixed focus 2.8 mm higher is also bidder can quote
7	User/remote access	Min.4 Level/8 Users, Min.4 Users Access at the Same Time	<b>Change / Amendment Requested : 6 USER + 1 Admin</b> <b>Justification:</b> as per camera bandwidth 6 user is sufficient. For more user requirement, required extra bandwidth.	OK
8	Operating temperature	-20°C ~ +70°C	Kindly change to <b>-30°C ~ +60°C</b>	ok
9	RAM/ROM	512MB/32MB	<b>Change / Amendment Requested : RAM 256 MB</b> <b>Justification:</b> For Embedded LINUX device 256 MB RAM is sufficient for better performance. is optimized for high-density data storage and gives up the ability for random access capabilities	No change
10	Bit Rate	H.265: 12K ~ 8448Kbps H.264: 32K ~ 10240Kbps	<b>Change / Amendment Requested : H.264 32K - 10240Kbps</b> <b>JUSTIFICATION :</b> As per H.264 video compression required variable 10Mbps, But we provide H.265/H.265+ video compression which reduce 50% bandwidth. So 8 Mbps is sufficient bandwidth for H.264 Video compression.	No change
11	Digital Zoom	16x	<b>Change / Amendment Requested : 12 X</b> <b>Justification:</b> 12X is a better value for digital zoom, because if we increase the value, the image becomes pixelated due to which the picture becomes blurry. Which doesn't make any sense.	No change
12	Max. User Access	10 Users / 20 Users	<b>Change / Amendment Requested : 6 USER + 1 Admin</b> <b>Justification:</b> as per camera bandwidth 6 user is sufficient. For more user requirement, required extra bandwidth.	No change
13	Recording Resolution	12 MP (4K), 5MP, 3MP, 2MP(1080P), 1.3MP(960P), 1.0MP(720P)	<b>Change / Amendment Requested: Support up to 8MP camera</b> <b>Justification:</b> This is OEM Specified feature, Normally NVR support upto 4K Camera.	No change

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14	Video Output	2 HDMI , 2 VGA	<b>Change / Amendment Requested :Video Out 1 HDMI &amp; 1 VGA</b> Justification: This is OEM Specified feature, 1 HDMI & 1 VGA is sufficient for single zone alarm.	No change
15	Interface Ports	4 USB ports(2 USB2.0, 2 USB3.0), 1 RS485, 1 RS232	<b>Change / Amendment Requested : 3USB Port (1USB 2.0 front &amp; 2USB2.0 or 3.0 back)</b> Justification: 3 USB port is sufficient for Mouse/Pen drive connectivity.	OK
16	Maximum Channel	8/16/32/64	<b>Change / Amendment Requested : 16/32/64</b> Justification: Normally NVR starts with 16 channels. 4ch. and 8Ch. NVR does not fulfill the future requirement of cameras and it is limited to 4 camera or 8 camera.	No change
17	TPSODL/OT/22-23/096, ANNEXURE I, sl no. 2,3,4,5 PAGE NO. 18, AND ANNEXURE-VII, NVR spec sl no. 18 PAGE NO. 35	1 Supply of 8 Channel Network Video Recorder with redundant power supply, 45 days of Recording. 2. Power Input - DC 12V	1. Single specification given for all NVR 8 , 16, 32 and 64 channel and not mentioned any thing about redundant power supply.	IP Camera Input Channels will vary 8/16/32/66. Rest specification will be remains same. And redundant power supply must be there as mentioned in tender doc.
18	TPSODL/OT/22-23/096, ANNEXURE I, sl no.6 PAGE NO. 18 and ANNEXURE-VII, ANPR spec sl no. 6& 24 PAGE NO. 27	1. Supply of 2 MP ANPR Camera With all accessories 2. CS mountable, fixed iris, 6mm prime lens	1. we have 10mm to 50 mm in ANPR inbuilt with 30 mtrs capture range.	Min 6 mm or above
19	TPSODL/OT/22-23/096, ANNEXURE I, sl no.10 PAGE NO. 18 and ANNEXURE-VII, Bullet spec sl no. 23 PAGE NO. 32	1. Supply of 4 Mega Pixel Outdoor Bullet Camera, IR upto 30 Mtr. with all accessories 2. Built in Mic	1. we have audio in/out port	Required as per specification
20	Technical Specification of POE switch, Page No-36 , S. No-1 , PORT	8/24 RJ-45 10/100/1000 PoE/PoE+ ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T, IEEE 802.3at PoE+) 4 SFP 100/1000 Mbps ports	Kindly clarify total POE Power Wattage per Switch	All port should be PoE with sufficient power, except SFP port. (15.4Watt/30Watt or above at a same time in all ports)
21	Technical Specification of POE switch, Page No-36 , S. No-1 , PORT	8/24 RJ-45 10/100/1000 PoE/PoE+ ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T, IEEE 802.3at PoE+) 4 SFP 100/1000 Mbps ports	<b>Request to add Mini POE Budget 240 watt to support 30 Watt in each Port</b>	All port should be PoE with sufficient power, except SFP port. (15.4Watt/30Watt or above at a same time in all ports)
22	Technical Specification of POE switch, Page No-36 ,		<b>Requesting to add Certification : EN/IEC 61000-4-2 to EN/IEC 61000-4-6, IEC60068-2-6, IEC60068-2-27, IEC60068-2-31, NEMA TS 2 and RoHS as you are asking for industrial POE Switch</b>	No change
23	Technical Specification of POE switch, Page No-36 ,		<b>Requesting to add protection IP 30 rating as you are asking for industrial POE Switch</b>	No change
24	Technical Specification of POE switch, Page No-36 ,		<b>Requesting to add operating temperture 40 degree to 75 degree as you are asking for industrial POE Switch</b>	No change
25	Page No-22, Point No-7	Cameras, switches and NVR should be Make in India compliant	Kindly clarify the percentage of total items required make in India product.	Preference will be given for indian brand. Product from Indian boundary sharing countries will not be accepted.

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26	Technical Specification of 43" LED Industrial ,page No- 37 point no-23, Speaker Type	Bass Reflex Speaker	Request to omit the point as it specify to only a specific brand.	No change
27	Technical Specification of 43" LED Industrial ,page No- 37, Point No-24, Sound Technology	Dolby Digital, Dolby Digital Plus, Dolby Pulse, Dolby AC-4, DTS Digital Surround	Request to omit the point as it specify to only a specific brand.	No change
28	Technical Specification of 43" LED Industrial ,page No- 37 , Point No-25,Surround Sound	S-Force Front Surround	Request to omit the point as it specify to only a specific brand.	No change
29	Technical Specification of 43" LED Industrial ,page No- 37, Point No-33 Operating System	Android	Please make it generic, request to add webOS	No change
30	Storage	2GB RAM, 8GB Storage	Only 8GB Storage is required no need of 2 GB RAM	No change
31	NVR specification	new	How many channels of NVR is required minimum 8 or more, as it is not mentioned in the RFP. Clarification required	8,16,32 and 64
32	ANPR camera Spec, processor, sl no.2, page 27	Hisilicon, specialized license plate recognition chip	request you to kindly add generic linux based embedded processor for maximum OEM participation	No change
33	ANPR camera Spec,Electronic shutter, sl no 5, page 27	0–1ms, 0-2ms, 0-3ms, 0-4ms	we have this 1/50 s to 1/100,000 s, so kindly consider this point	No change
34	ANPR camera Spec, IO interface, sl no. 16, page 27	4 input/2 output	request you to kindly amend this 2 input interfaces, 2 output interfaces for maximum OEM participation	Min 2 in and 2 output
35	Dome Camera spec, Video compression, sl no.07, page 28	H.265+, H.264 MP(Main), HP(High), BP(Baseline) profile, M-JPEG	kindly consider this H.265/H.264/H.265+/H.264+/MJPEG for maximum OEM participation	No change
36	Dome Camera spec, Operating temperature. Sl no. 27, page 28	-20°C ~ +70°C	kindly remove this point as it restricts some OEMs for maximum participation	No change
37	PTZ Camera spec, Multiple Stream, sl no. 17, page 30	Quad Stream	kindly remove this point as it restricts some OEMs for maximum participation	No change
38	PTZ Camera spec, Video Streams, sl no.19, page 30	<b>Main Stream</b> 5MP(2592x1944), 4MP(2592x1520), 3MP(2304x1296)(2048x1535),1080P(1920x1080),720P(1280x720), <b>Sub Steam</b> 720P(1280x720),VGA(640x480),QVGA(320x240) <b>Mobile</b> <b>Stream</b> VGA(640x480), QVGA (320x240) <b>Fourth Stream</b> VGA(640x480), QVGA (320x240)	<b>Fourth Stream VGA(640x480), QVGA (320x240) kindly remove this point as it restricts most OEMs for maximum participation. also request you to kindly ammend these below points</b> <b>Main Stream</b> : 3840 x 2160, 2560 x 1440, 1920 x 1080, 1280 x 960, 1280 x 720 <b>Sub-Stream</b> : 704 x 576, 640 x 480, 352 x 288 <b>Third Stream</b> : 1920 x 1080, 1280 x 960, 1280 x 720, 704 x 576, 640 x 480, 352 x 288	No change
39	PTZ Camera spec, BNC, sl no. 43, page 31	1 X BNC	kindly remove this point as it restricts some OEMs for maximum participation	Ok
40	PTZ Camera spec, Compatibility, sl no. 46, page 31	ONVIF profile S , G and Q	kindly consider this point ONVIF profile S , G and T, for maximum OEM participation	Ok
41	Bullet Camera spec, Edge analytics , SL NO. 26, page 32	Face Detection, Motion Detection, Customer Flow staistics, Heat Map, Human & Vehicle Detection, Pedestrian Intrusion Detection & Line cross Detection, Queue length detection, Regional population statistics, Tampring, SOD-Stationaary Object Detection, IP Address Conflict, Network Disconnection Alert, Rare Sound Detection, License Plate Detection,.	kindly remove this point " Customer Flow staistics, Heat Map, Queue length detection, Regional population statistics, Rare Sound Detection, License Plate Detection, as it restricts most OEMs for maximum participation	No change
42	NVR spec, RAM, sl no.2, page 33	4*4Gb	kindly re-consider this point as it restricts most OEMs for maximum participation	No change
43	NVR spec,Recording Setting, sl no 13 page 34	OFF/Auto/1 Day, 3 Day, 7 Day, 14 Day, 30 Day, 90 Day.	kindly remove this point as it restricts some OEMs for maximum participation	No change
44	NVR spec, Operating Temperature, sl no. 18, page 35	-30 °C to +60 °C	request you to kindly amend this to -10 °C to 55 °C fpr maximum participation.	'-20°C ~ +60°C