

KOLKATA PORT TRUST
HALDIA DOCK COMPLEX

Tender No. : SDM (P&E)/T/30/2018-2019

E-Tender No.: KoPT/Haldia Dock Complex/P&E Div/32/18-19/ET/362

ADDENDUM - I

CORRECTIONS / ADDITIONS / DELETIONS, ETC.

[Total Number of Pages : 5]

NOTE :

1. This "Addendum-I" should be read in conjunction with Bidding Document (including Notice Inviting e-Tender).
2. Consequential changes, arising out of this Addendum-I, will be deemed to have been effected, even if the same were not incorporated specifically in the Bidding Document.
3. All other terms and conditions of the Bidding Document (including Notice Inviting e-Tender) will remain unchanged.

Addendum -I

Tender No. : SDM (P&E)/T/30/2018-2019

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Sl. No.	Page No.	Clause No.	As specified in the Bidding Document	To be deleted & read as / Remarks
1.	31-32	6.11.1	<u>IP FIXED CAMERA</u> Memory- SD/SDXC Card of 64GB	<u>IP FIXED CAMERA</u> Memory- SD/SDXC Card of 128 GB
2.	32-33	6.11.3	<u>IP VIRTUAL PTZ CAMERA</u> Support H.265, M-peg4, H.264 or better multi cidec compression capability, at least dual streaming capability.	<u>IP VIRTUAL PTZ CAMERA</u> Support H.264, M-peg4, H.264 or better multi cidec compression capability, at least dual streaming capability.
3.	33	6.11.6	<u>WIRELESS TRANSMITTERS & RECEIVERS</u> Range : 15Km. (expandable upto 25kms)	<u>WIRELESS TRANSMITTERS & RECEIVERS</u> Range : As per site condition. Range is within 15 Kms.
4.	31-32	6.11.1	<u>IP FIXED CAMERA</u> Certifications: UL/CE and FCC	<u>IP FIXED CAMERA</u> Certifications: UL (Mandatory) and FCC
5.	32	6.11.2	<u>INTEGRATED SPEED IP PTZ DOME CAMERA</u> Certifications: UL/CE and FCC	<u>INTEGRATED SPEED IP PTZ DOME CAMERA</u> Certifications: UL (Mandatory) and FCC
6.	32	6.11.3	<u>IP VIRTUAL PTZ CAMERA</u> 2 Megapixel- High resolution or better.	<u>IP VIRTUAL PTZ CAMERA</u> Minimum 5 Megapixel resolution.
7.	34	6.11.7	<u>NETWORK VIDEO RECORDER 32 CHANNEL</u> Certifications: UL/CE and FCC	<u>NETWORK VIDEO RECORDER 32 CHANNEL</u> Certifications: UL (Mandatory) and FCC
8.	35	6.11.10	<u>CENTRAL VIDEO MANAGEMENT SOFTWARE WITH CPU /SERVER /DEVICE</u>	<u>CENTRAL VIDEO MANAGEMENT SOFTWARE CO-ORDINATE WITH CPU /SERVER /DEVICE</u>

Sl. No.	Page No.	Clause No.	As specified in the Bidding Document	To be deleted & read as / Remarks
9.	31	6.11.1	IP FIXED CAMERA	Clause no. 6.4.1 IP FIXED CAMERA
10.	32	6.11.2	INTEGRATED SPEED IP PTZ DOME CAMERA	Clause no. 6.4.2 INTEGRATED SPEED IP PTZ DOME CAMERA
11.	32	6.11.3	IP VIRTUAL PTZ CAMERA	Clause no. 6.4.3 IP VIRTUAL PTZ CAMERA
12.	33	6.11.4	SURGE PROTECTORS	Clause no. 6.4.4 SURGE PROTECTORS
13.	33	6.11.5	HIGH FREQUENCY INTERFERENCE BLOCKER	Clause no. 6.4.5 HIGH FREQUENCY INTERFERENCE BLOCKER
14.	33	6.11.6	WIRELESS TRANSMITTERS & RECEIVERS	Clause no. 6.4.6 WIRELESS TRANSMITTERS & RECEIVERS
15.	34	6.11.7	NETWORK VIDEO RECORDER 32 CHANNEL	Clause no. 6.4.7 NETWORK VIDEO RECORDER 32 CHANNEL
16.	34	6.11.8	DISPLAY MONITOR 40" LED	Clause no. 6.4.8 DISPLAY MONITOR 40" LED
17.	34	6.11.9	CLIENT PC 32" LED MONITOR WITH VIEWER SOFTWARE	Clause no. 6.4.9 CLIENT PC 32" LED MONITOR WITH VIEWER SOFTWARE
18.	35	6.11.10	CENTRAL VIDEO MANAGEMENT SOFTWARE WITH CPU /SERVER /DEVICE	Clause no.6.4.10 CENTRAL VIDEO MANAGEMENT SOFTWARE WITH CPU /SERVER /DEVICE
19.	37	6.11.11	Network switch 4 POE Port 10/100/1000 MBPS switch	Clause no. 6.4.11 Network switch 4 POE Port 10/100/1000 MBPS switch
20.	37	6.11.12	Network switch 24 Port 10/100/1000 MBPS switch	Clause no. 6.4.12 Network switch 24 Port 10/100/1000 MBPS switch
21.	37	6.11.13	Racks 4U.	Clause no. 6.4.13 Racks 4U.
22.	37	6.11.14	Miscellaneous Items	Clause no. 6.4.14 Miscellaneous Items

Sl. No.	Page No.	Clause No.	As specified in the Bidding Document	To be deleted & read as / Remarks
23.	37	6.11.15	UPS 5KVA:	Clause no. 6.4.15 UPS 5KVA:
24.	38	6.11.16	POWER CABLE	Clause no. 6.4.16 POWER CABLE
25.	38	6.11.17	CAT6 Armoured cable.	Clause no. 6.4.17 CAT6 Armoured cable.
26.	38	6.11.18	PVC HEAVY DUTY CONDUIT.	Clause no. 6.4.18 PVC HEAVY DUTY CONDUIT.
27.	38	6.11.19	OPTICAL FIBER CABLE	Clause no. 6.4.19 OPTICAL FIBER CABLE
28.	38	6.11.20	JUNCTION BOX (JB)	Clause no. 6.4.20 JUNCTION BOX (JB)
29.	41	6.9	List of approved Makes Sl. no. 6 to 10	List of approved Makes Sl. no. 6 to 10 (to be deleted)
30.	41	6.9	Sl. no. 11	Sl. no. 6
31.	41	6.9	Sl. no. 12	Sl. no. 7
32.	41	6.9	Sl. no. 13	Sl. no. 8
33.	41	6.9	Sl. no. 14	Sl. no. 9
34.	41	6.9	Sl. no. 15	Sl. no. 10
35.	41	6.9	Sl. no. 16	Sl. no. 11
36.	41	6.9	Sl. no. 17	Sl. no. 12
37.	110	Sl. no. 8	Quantity: 2 no.	Quantity : 6 no.
38.	110	Sl. no. 16	Quantity: 3000 mtrs .	Sl. No. 16(a) Quantity: 1000 mtrs.
				Sl. No. 16(b) Quantity: 2000 mtrs.

Sl. No.	Page No.	Clause No.	As specified in the Bidding Document	To be deleted & read as / Remarks
39.	110	-	-	Sl. No. 21: Quantity : 91 nos.
40.	38	6.11.16	<p><u>POWER CABLE</u></p> <p>Make: Finolex/Polycab/Havells</p> <p>Power cables and Control cables up to 3 cores X 1.5 Sq mm, un-armoured flexible, Copper conductor, the cores are to be identified by different colours as per ISI standards.</p>	<p><u>POWER CABLE & MCB</u></p> <p><u>POWER CABLE:</u></p> <p>Make: Finolex/Polycab/Havells</p> <p>Power cables and Control cables up to 3 cores X 1.5 Sq mm, un-armoured flexible, Copper conductor/armoured Copper conductor, the cores are to be identified by different colours as per ISI standards.</p> <p><u>Cable laying, as per relevant IS, on Lattice type Lighting Tower/ Buildings and Feeder Pillar to High Mast/ Lattice type Lighting Tower:</u></p> <p>a) 3 Cores X 1.5 Sq mm, un-armoured flexible, copper conductor need to be drawn from base of the Lattice type Lighting Tower to the location where CCTV camera would be installed.</p> <p>b) 3 Cores X 1.5 Sq mm, armoured Copper conductor need to be drawn from nearest Feeder Pillar to base of the High Mast/Lattice type Lighting Tower.</p> <p>c) 3 Cores X 1.5 Sq mm, un-armoured flexible, copper conductor need to be drawn from nearby power source of the building to the location where CCTV camera would be installed.</p> <p><u>MCB:</u></p> <p>Make: L & T / LEGRAND / SIEMENS / ABB / SCHNEIDER</p> <p>16A Double Pole Miniature Circuit Breaker (DP MCB)shall comply with IS –8828-1996 / IEC 898. Miniature Circuit Breakers shall be quick make and break type for 230 / 415 V A.C., 50Hz application with magnetic thermal release for over current and short circuit</p>

Sl. No.	Page No.	Clause No.	As specified in the Bidding Document	To be deleted & read as / Remarks
				<p>protection. The breaking capacity shall not be less than 10KA at 415V A.C. The MCB shall be DIN mounted. The MCB shall be current limiting type (Class – 3).</p> <p>MCB shall be as per their tripping characteristics curves defined by the manufacturer The MCB shall have the minimum power loss (watts) per pole defined as per the IS / IEC and the manufacturer shall publish the values.</p>
41.	6	SOT 3.12	i) Starting date & time of submission of e-Tender at http://www.mstcecommerce.com/eprochome/kopt : 08.02.2019 from 11: 00 Hrs. (IST).	i) Starting date & time of submission of e-Tender at http://www.mstcecommerce.com/eprochome/kopt : 20.02.2018 from 11: 00 Hrs. (IST).
42.	6	SOT 3.12	ii) Closing date & time of submission of e-Tender at http://www.mstcecommerce.com/eprochome/kopt : 15.02.2019, up to 15: 00 Hrs. (IST).	ii) Closing date & time of submission of e-Tender at http://www.mstcecommerce.com/eprochome/kopt : 06.03.2019, up to 15: 00 Hrs. (IST).
43.	6	SOT 3.12	iii) Date & time of opening of Part-I (Techno-commercial Bid): 15.02.2019, 15:30 Hrs. (IST) onwards.	iii) Date & time of opening of Part-I (Techno-commercial Bid): 06.03.2019, 15:30 Hrs. (IST) onwards.

QUERIES OF DIFFERENT FIRMS IN CONNECTION WITH THE PRE-BID MEETING HELD ON 05.02.2019**for****“SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF CCTV SURVEILLANCE SYSTEM AT DIFFERENT LOCATIONS INCLUDING THE OPERATIONAL AREAS UNDER HALDIA DOCK COMPLEX, KOLKATA PORT TRUST” AND HDC, KOPT’S CLARIFICATIONS THEREOF.****Tender No. SDM (P&E)/T/30/2018-2019****E-Tender No. KoPT/Haldia Dock Complex/P&E Div/32/18-19/ET/362**

Sl. No.	Reference	Queries of the firms	HDC, KoPT’s Clarifications
1.	Technical Specification, clause 6.11.1, page no. 32	To include HIKVISION Brand in our list of empanelled brand of Cameras and NVRs for participation in the instant tender and forthcoming tenders	Tender conditions prevail.
2.	do	For Fixed camera- Streaming capacity-Please change to 3 streams instead of 2 so that mobile viewing of video feed from camera is enabled	Tender conditions prevail.
3.	do	For Fixed camera- Memory-Please change to 128 GB for greater internal storage capacity.	Memory will be 128 GB instead of 64 GB.
4.	Technical Specification, clause 6.11.3, page no. 33	For Virtual PTZ Panoramic camera- Please change to Compression standard H.264 so that it is the same as all devices in the system.	Compression standard H.264 instead of H.265
5.	Technical Specification, clause 6.11.7, page no. 34	For NVR- Output- Please change to 1 HDMI port for 4 SATA NVR which is the market standard. 2 HDMI ports are available with 8 SATA NVRs.	Tender conditions prevail.
6.		To incorporate HIKVISION Brand so that they can participate and prepare themselves as a successful bidder.	Tender conditions prevail.

7.	Technical Specification, clause 6.11.6, page no. 33	<p>Range: 15 Km. (expandable upto 25 Kms.)</p> <p>Point of Clarification required :</p> <p>12 Kms. can be fair enough for wireless unit as there will be multiple unit which will transmit data. So kindly amend it as 12 Kms. with internal antenna and can be extended further with external antennas. As the preferred make mentioned in tender comply to 12 Km. only.</p>	LOS distance between Jawahar Tower and Camera location may be within 10 KMs. However, contractors are to assesses the LOS and the distance is proposed on higher side without any financial implication. However, this would be as per site condition.
8.	Technical Specification, clause 6.11.1, page no. 32	<p>Certifications : UL/CE and FCC</p> <p>Point of Clarification required :</p> <p>UL should ask separately CE is self Certification and UL is autonomous body for stringent test.</p>	Certifications : UL (Mandatory) and FCC
9.	Technical Specification, clause 6.11.2, page no. 32	<p>Certifications : UL/CE and FCC</p> <p>Point of Clarification required :</p> <p>UL should ask separately CE is self Certification and UL is autonomous body for stringent test.</p>	Certifications : UL (Mandatory) and FCC
10.	Technical Specification, clause 6.11.3, page no. 32	<p>2 Megapixel – High resolution or better.</p> <p>Point of Clarification required :</p> <p>They suggested to consider minimum 5 MP as it is going to be fisheye sensor camera. They requested to amend it as minimum 5 MP resolution.</p>	<p>Agreed.</p> <p>Minimum 5 Megapixel resolution.</p>
11.	Technical Specification, clause 6.11.3, page no. 32	<p>Should support 15 mt IR Range, SD card of min. 32 GB.</p> <p>Point of Clarification required :</p> <p>IR is not available as being fisheye Panoramic 360 degree camera IR will not give optimum result in complete 360 degree view. They requested to amend it as optional IR.</p>	Tender conditions prevail.
12.	Technical Specification, clause 6.11.7, page no. 34	<p>Alarm</p> <p>Input- 16, output-4.</p> <p>Point of Clarification required :</p> <p>We are offering Alarm Input & output on camera. Not required on NVR. Specific to one OEM. They requested to make it as optional.</p>	<p>Tender conditions prevail</p> <p>(Clause no.6.3 of tender document.)</p>

13.	Technical Specification, clause 6.11.7, page no. 34	<p>Output 2 HDMI port</p> <p>Point of Clarification required :</p> <p>Kindly amend it as 1 HDMI & 1 Display port. As it will meet the display requirements. 2 HDMI port is specific to particular OEM.</p>	Please refer Sl. No.5.
14.	Technical Specification, clause 6.11.7, page no. 34	<p>Certifications : UL/CE and FCC</p> <p>Point of Clarification required :</p> <p>UL should ask separately CE is self Certification and UL is autonomous body for stringent test.</p>	Certifications : UL (Mandatory) and FCC
15.	Technical Specification, clause 6.11.10, page no. 35	<p>512 Mbps Bandwidth of video input per server</p> <p>Point of Clarification required :</p> <p>32 channel NVR with per channel with 12 Mbps will add total 384 Mbps which is sufficient bandwidth. They requested to amend it as 384 Mbps minimum bandwidth. It will make all preferred OEM to participate and make fair competition.</p>	Tender conditions prevail.
16.	Technical Specification, clause 6.11.10, page no. 36	<p>HDMI(x2) and VGA(x1) output; HDMI output supports 4K resolution . Display on video wall.</p> <p>Point of Clarification required :</p> <p>They requested to amend it as 1 HDMI & 1 Display port. As it will meet the display requirements. 2 HDMI port is specific to particular OEM.</p>	Please refer Sl. No.5.
17.	Technical Specification, clause 6.11.10, page no. 36	<p>4*4K@60 or 8*4K@30 or 32*1080P@30 or 64*720P@30 HDMI4-C decoding card HDMI6-C decoding card 6-ch HDMI outputs, with decoding of 6*4K@60 or 12*4K@30 or 48*1080P@30 or 96*720P@30</p> <p>Point of Clarification required :</p> <p>It is specific to particular OEM. They requested to make it as optional.</p>	These are Software features indicating support 4 K and other resolution.

18.	Technical Specification, clause 6.11.10, page no. 36	<p>HDD installation - Hot-swappable HDDs Support 16HDDs (3.5", up to 8TB for each)</p> <p>Point of Clarification required : Their inbuilt OEM server comes with 7 HDD which is enough for recording capacity. They requested to amend it as 7 HDD.</p>	Tender conditions prevail.
19.	Technical Specification, clause 6.11.10, page no. 36	<p>DEU1008 disk enclosure 8xSATA interfaces, up to 8TB storage per Interface.</p> <p>Point of Clarification required : Their inbuilt OEM server comes with 7 HDD which is enough for recording capacity. They requested to amend it as 7 HDD.</p>	Tender conditions prevail.
20.	Technical Specification, clause 6.11.10, page no. 36	<p>16xSATA interfaces, up to 8TB storage per interface DEU1016 disk enclosure.</p> <p>Point of Clarification required : Not applicable. They requested to remove this point. As the above point is self valid.</p>	Tender conditions prevail.
21.	Technical Specification, clause 6.11.10, page no. 37	<p>Intel(R) Celeron(R) CPU N3160, 64-bit, 4- Main Processor core processor.</p> <p>Point of Clarification required : They requested to amend it as Intel xeon e3 processor as it is generally used throughout OEM. Celeron processor is specific to only one OEM.</p>	Central Video Management Software Co-Ordinate with CPU /SERVER /DEVICE. This is not an item and is a part of Software specification to highlight the minimum capability requirement.

22.	Technical Specification	<p>They have requested for removal of list of approved makes. They have also enclosed 1) circular no. 33(1)/2017-IPHW (Pt.) Govt. of India, Ministry of Electronics & Information Technology (IPHW division) dated 29.08.2018 and 2) File no. PD-13/2/2016-PPPCell (Part-I). Ministry of Shipping, Govt. of India, September 2018 – with regard to the subject ‘ Public Procurement (Preference to Make in India) Order 2017 reg.</p> <p>They requested to amend the CC TV Surveillance System tender by removing List of Approved makes and to provide complete specification towards brand neutral, which will have fair chance for all OEM's to participate this tender.</p>	Tender conditions prevail.
23.	DO	<p>4U RACK</p> <p>Has to be considered for NVR or Switches. If it's been factored for NVR, then this type of Rack is not suitable for NVR. Kindly confirm.</p>	For switches 4U Rack and for Cameras 42U Rack to be considered.
24.	DO	<p>MEDIA CONVERTOR</p> <p>No clarity on media convertor and required quantity is also not mentioned. Patch cords requirement is missing in tender document.</p>	MEDIA CONVERTOR is a part of System requirement.
25.	DO	<p>4 PORT POE SWITCH</p> <p>As per the tender total bullet & panoramic cameras: 23 Qty is mentioned which requires 4 port PoE only 8 no's But instead of 8 Nos. in tender 14 Nos. have been considered. Which needs clarity.</p>	Tender conditions prevail.
26.	DO	<p>40"DISPLAY</p> <p>Total 6 Nos. NVR has been considered in tender but only two Nos. of 40" Display has been given. Share us the clarity on where these display would be connected.</p>	6 nos. 40" Display units for 6 nos. NVR required.
27.	DO	<p>CAMERA & WIRELESS DEVICES POLE</p> <p>Pole details for cameras & wireless device mounting is not been mentioned in tender document. Kindly share us the clarity. We need Line of Sight details. Share us the Layout/ Drawing for the same.</p> <p>SITE LAYOUT FOR WIRELESS</p> <p>No site layout has been given in tender document, without which wireless Line of Sight can't be arrived.</p>	Proposed cameras to be mounted on the High Mast Towers/ Lattice Towers /Buildings. However, the 15 A, 230 V power supply will be arranged by the contractor by 3 cores X 1.5 sq. mm un-armoured and / or armoured copper conductor AND 6 cores X 4 sq. mm ERP insulated copper cable suitable to High Mast rising cable application.

28.	DO	EXCAVATION, DIGGING & REFILLING No information about Excavation, digging & refilling has been mentioned in tender document. Will this be in the scope of KOPT?	NA
29.	DO	VIDEO MANAGEMENT SOFTWARE Under Best Practice. VMS is normally considered on Servers based Video Surveillance. But in this tender VMS has been asked on 4 Nos. of NVR. But VMS license will be calculated on numbers cameras channels. Hence share us the 91 Cameras will be connect in single network with 6 NVR's?.	Video Management Software shall be able to communicate with 6 nos. of NVR and its connected Cameras.
30.	DO	RECORDING FOOTAGE No details on numbers days recording footage is mentioned in tender document. Share us the information.	HDD requirement mentioned in the Tender.
31.	DO	CLIENT PC Using 4Gb ram to monitoring/ View 32 Camera's from single window will have video lagging. And considered network back bone is very less. Which will not meet your requirement.	PC is used for parallel monitoring. Minimum specification given higher if required acceptable. Also Video Management Software shall be able to communicate with 6 nos. of NVR and its connected Cameras.
32.	DO	WIRELESS CONNECTIVITY 1. Currently 91 Pairs of Wireless Devices have been considered for each camera under Pint to Point Connectivity. If we consider best practices on P2P & P2MP we can reduce Wireless devices by 60% less in compare to present scenario. Due to which we can also reduce Comprehensive Maintenance Cost year on year. 2. Considering present network topology, if all camera video footage needed to be accessed from single window. The network backhauling is not sufficient.	Tender conditions prevail
33.	DO	UPS 5 KVA Do we need to consider Online or Line interactive ups? Need clarity.	On line UPS
34.	DO	NVR SCALIBILITY In current tender. NVR with facility to add extension bay has been mentioned. But Extension channel can't be consider on same NVR. Hence scalability on NVR is not available.	Tender conditions prevail
35.	DO	VIDEO MONTIORING Considering present scenario, we can't monitor all the cameras video footage from single window.	Please refer Sl. no.26.

36.	DO	HIGH FREQUENCY INTERFERENCE BLOCKER Kindly clarify the purpose of having interference Blocker.	Please refer clause 6.11.5 of the Tender.
37.	DO	WIRELESS DEVICES PRIMARY & SECONDARY POWER SUPPLY No clarity towards Power supply is mentioned in tender document. Which is very important & all cameras need to work 24x7 on critical environment.	Wireless operate on PoE (Power over Ethernet) adopters which will be supplied by vendor in scope. Power supply available by Port will be single phase 230 V AC. 15 amp.
38.	DO	Considering all the above queries we request you to reassess the BOQ which is not under the best practices compare to present surveillance technology.	Tender conditions prevail.
39.	DO	In 1 IP FIXED CAMERA Lens asked is Automatic Vari-focal Lens without mentioning Focal length Request to mention Focal Length 2.7 - 12 mm for ideal wide coverage area.	Tender conditions prevail.
40.	DO	In 2. INTEGRATED SPEED IP PTZ DOME CAMERA Pan Speed 0.1° - 200°/s Kindly amend to Pan Speed 120°/s	Tender conditions prevail.
41.	6.11.2 Tender Specification	IP FIXED CAMERA Pelco/Panasonic /Bosch/Axis. Request for change Include Honeywell Honeywell is fortune 100 US company and deserve chance to participate in this tender	Tender conditions prevail.
42.	-Do-	IP FIXED CAMERA Ingress Protection-IP66 Request for change IP67 & IK10 water zet proof & vandal resistance use for asset protection in public environment	Tender conditions prevail.
43.	-Do-	IP FIXED CAMERA Certifications-UL/CE and FCC Request for change UL,FCC,CE & RoHS UL is 3rd party safety certificate is under radiation	Certifications : UL (mandatory) and FCC

		certificate, RoHS is environmental so all are different purpose and supported by all approved OEMs. Request not optional mandatory all certificates	
44.	-Do-	<p>INTEGRATED SPEED IP PTZ DOME CAMERA Pelco/Panasonic /Bosch/Axis.</p> <p>Request for change Include Honeywell</p>	Tender conditions prevail.
45.	-Do-	<p>INTEGRATED SPEED IP PTZ DOME CAMERA IR distance-150M</p> <p>Request for change 100M 100M IR distance in PTZ is standard across all approved OEM, even few approved OEM does not support internal IR.</p>	Tender conditions prevail.
46.	-Do-	<p>INTEGRATED SPEED IP PTZ DOME CAMERA Certifications-UL/CE and FCC</p> <p>Request for change UL,FCC,CE & RoHS</p> <p>UL is 3rd party safety certificate is under radiation certificate, RoHS is environmental so all are different purpose and supported by all approved OEMs. Request not optional mandatory all certificates</p>	Certifications : UL (mandatory) and FCC
47.	6.11.3 Tender Specification	<p>IP VIRTUAL PTZ CAMERA Pelco/Panasonic /Bosch/Axis.</p> <p>Request for change Include Honeywell</p>	Tender conditions prevail.
48.	-Do-	<p>IP VIRTUAL PTZ CAMERA</p> <p>Request for change Panaromic camera Virtual PTZ is not industry standard specification or may be typo error.</p>	Tender conditions prevail.

49.	-Do-	<p>IP VIRTUAL PTZ CAMERA IR Range-15M</p> <p>Request for change IR Range 08M In panoramic camera IR is not industry standard and supported by all approved OEM. We have range of 08M so kindly reduce the range.</p>	Tender conditions prevail.
50.	-Do-	<p>IP VIRTUAL PTZ CAMERA IK10 vandal proof</p> <p>Request for change IK10 & IP67 if Panoramic camera has to be IK10 then why not other camera ?also request to incorporate IP67 weather proof certificates</p>	Tender conditions prevail.
51.	6.11.7 Tender Specification	<p>NETWORK VIDEO RECORDER 32 CHANNEL Pelco/Panasonic /Bosch/Axis.</p> <p>Request for change Include Honeywell</p>	Tender conditions prevail.
52.	-Do-	<p>NETWORK VIDEO RECORDER 32 CHANNEL Network Interface</p> <p>Request for change 2 number of 10M/100M/1000M 1 Number of 10/100/1000M port is industry standard and supported by us</p>	Tender conditions prevail.
53.	-Do-	<p>NETWORK VIDEO RECORDER 32 CHANNEL Certifications-UL/CE and FCC</p> <p>Request for change 2 UL,FCC,CE & RoHS UL is 3rd party safety certificate, FCC is under radiation certificate, RoHS is environmental so all are different purpose and supported by all approved OEMs. Request not optional mandatory all certificates</p>	Certifications : UL (Mandatory) and FCC
54.		Requested to add Make of Infinova in the list of approved make of cameras	Tender conditions prevail.
55.		Requested to extend the due date of bid submission by at least 5 days.	At least 15 days will be given from date of uploading the clarification.

56.	NOTICE INVITING TENDER, clause no. 2.1, page no. 2	<p>Description of clause</p> <p>2.1 MINIMUM ELIGIBILITY CRITERIA (MEC):</p> <p>2.1.1 The average annual financial turnover of the bidder, during the last three (3) years, ending 31st March, 2018, must be at least Rs 1, 10, 26,290.00. Auditor's Report of the bidding firm, certified by Chartered Accountant (CA), for the years 2015-16, 2016-17 and 2017-18, including relevant Audited Balance Sheets and Profit & Loss Accounts, should be made available.</p> <p>Queries/ Amendment Request Annual turnover shall be 1.5 times the estimated cost. Please clarify.</p>	Tender conditions prevail.
57.	NOTICE INVITING TENDER, page no. 40	<p>Description of clause</p> <p>List of approved makes</p> <p>Queries/ Amendment Request</p> <p>Please include Honeywell as an approved make for Cameras & Network Video Recorder.</p>	Tender conditions prevail.

58.	New clause	<p>Limitation of Liability:</p> <p>Queries/ Amendment Request</p> <p>To the extent Permitted by law. The maximum liability of the Contractor to the Owner arising out of or in connection with this Contract, whether such liability arises from any claim based upon contract, warranty, tort or otherwise, shall in no case exceed the actual amount paid to the Contractor by the Owner for contract equipment to be delivered hereunder.</p> <p>In no event will the Contractor be liable for any incidental damages, consequential damages, special damages, indirect damages, loss of profits, loss of revenues, or loss of use, these limitations and exclusions will apply regardless of whether liability arises from breach of contract, warranty, tort (including but not limited to negligence), by operation of law, or otherwise</p>	Tender conditions prevail.
59.	New clause	<p>Intellectual Property:</p> <p>Queries/ Amendment Request</p> <p>The Contractor hereby grants to the Owner a non-exclusive, non-sub licensable and perpetual license and right to use the deliverables, formats, material and the documentation solely for the Owner's own internal business operations as set forth under the this Contract. All the software licenses and warranties pertaining to any software and/or hardware supplied under this Contract shall be as per the Contractor's license terms and conditions and/or End User License Agreement. In case of any hardware supplied under this Contract it shall be as per the Original Equipment Manufacturer terms and conditions. Except these terms and conditions no other terms and conditions shall be applicable to the supplied software and/or hardware even if mentioned on the Order, tender document or any agreement signed between the</p>	Tender conditions prevail.

		parties.	
60.	NIT Specification/ condition, clause 6.1.1, page no. 30	<p>Vendor shall keep minimum staff of two technicians during warranty/Non-comprehensive maintenance contract period and comprehensive maintenance contract period.</p> <p>Clarifications required Clarify staff required round the clock or in one shift because salary for the same will be uploaded for entire contract period.</p> <p>Also clarify where to quote this cost in BOQ (for warranty period as rest can be loaded in AMC)</p>	<p>Only general shift.</p> <p>However, any emergency the staff will attend any breakdown/ fault. Revised B.O.Q. is enclosed.</p>
61.	<p>NIT Specification/ condition, clause 6.11.10, page no. 30</p> <p>CENTRAL VIDEO MANAGEMENT SOFTWARE WITH CPU /SERVER / DEVICE</p>	<p>We understood this is a software specification. Kindly remove word "WITH CPU /SERVER /DEVICE" because this item is software only i.e. without server/pc. As item PC is taken separately in para 6.11.9.</p> <p>Kindly remove 6.11.10 Sl. no. 6 (Systems): Main processor, memory, power supply details to clarify them.</p>	<p>CENTRAL VIDEO MANAGEMENT SOFTWARE coordinate WITH CPU /SERVER / DEVICE</p>
62.	<p>NIT Specification/ condition</p> <p>Authorization from OEM (Original Equipment Manufacturer)</p>	<p>We request authorization applicable from OEM of camera & Wireless so as to maintain accountability of OEM and bidder both under said tender.</p>	<p>Back to back support from OEM for camera, wireless and NVR during contract period.</p>
63.	<p>NIT Specification/ condition</p> <p>Eligibility Conditions</p>	<p>Since back bone of systems is wireless so we request for an additional clause under eligibility that "bidder shall also produce one completed work outdoor wireless network project (irrespective of value & period) any value.</p>	<p>Tender conditions prevail.</p>
64.	<p>NIT Specification/ condition</p> <p>Poles/ Towers</p>	<p>NIT not have any Poles/ Towers in schedule. We highlight that systems is purely on wireless link thus considering all such facts and in order to maintain LOS (Line of Sight) between camera locations & control room the height of wireless radios installation is most important factor therefore role of towers/ poles is very important otherwise system will not run successfully.</p>	<p>The contractors will arrange power supply at High Mast / Lattice towers/ buildings.</p>

65.	NIT Specification/ condition Site Survey Report	As per site survey for camera locations it's found existing towers/ high masts if permitted can be used for mounting of cameras so as to establish LOS (Line of sight) with Jawahar Tower wireless control room.	Please refer SI.No. 7.
66.	NIT Specification/ condition Power supply at high masts/ towers	24X7 power supply required at CCTV located high masts/ towers (existing OR new)	The contractors will arrange power supply at High Mast / Lattice towers.
67.	NIT Specification/ condition New Poles	For 68 PTZ cameras we found that many places don't have towers/ high masts so need new poles with climbing arrangements for cameras with minimum height of 20/25 meters.	Pole will be arranged by Port, if required. However, all the Cameras placed on the High Mast / Latice tower / Buildings.
68.	NIT Specification/ condition Extra Materials	In case of new poles or permission using existing towers/ high masts we found none of locations is equipped with 24X7 power supply therefore few new items required. 1) Armoured power cable 3X1.5 sq. mm (Per Meter). 2) HDPE pipe 40 mm for underground cabling (Per Meter). 3) Trenching work (Per Meter). 4) MCCB with power panel box.	Please refer SI.No.68.
69.	NIT Specification/ condition Back Up	We found no power back up at camera location asked. Kindly ensure 24X7 power supply.	Please refer SI.No.68.
70.	NIT Specification/ condition Township Area	Camera at Township area need 20 meters poles for establishing LOS link to Jawahar Tower as its low terran area with no poles/ towers.	Please refer SI.No.66.
71.	NIT Specification/ condition Main Control room	2 nos. monitors asked for 4 no. NVR, therefore request make one is to one qty. i.e. each monitor shall have 1 no. of monitor NVR shall have 1 no. monitor. Quantity of monitors shall be 4 nos.	Please refer SI.No.26.
72.	NIT Specification/ condition Control Room	42U rack required at Main Control room to keep all NVR, UPS, Switches etc.	Please refer SI.No. 23.

73.	NIT Specification/ condition Relaxation in specification	We request Relaxation in specifications with figure of +/- 10% because in NIT makes are freezed and considering same some of makes may not be able to match exact numerical figures of data given in tender considering latest specifications as available with them in year 2019.	Tolerance limit should as per rule / standard.
74.		Please waive off Transaction Fee and Bid document fee that we can participate the tender.	Tender conditions prevail.
75.		We, as an OEM, hereby confirm to provide all the necessary documents and hereby request you to give "UNIVIEW" a fair chance of participation for the tender and like to do a POC for our brand to comply with our tender requirements.	Tender conditions prevail.
76.		Request for accepting Wavesight make RF radios in tender OEM list. As our OEM's RF radio link product is not included in your NIT, we humbly request you to kindly consider the inclusion of this product and give us an opportunity to take part in your procurement process. In this way you will get another variety which might as well may be found suitable.	Tender conditions prevail.