Technical Queries						
OPHWC						
TENDER CALL NOTICE NO. 31/JM/ ELECT /OSPHWC/2020-21						
Scope of Work:- SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF CCTV WITH AUDIO & VIDEO AT DIFFERENT COURT BUILDINGS THROUGHOUT ODISHA.						
Sr. No.	REF Vol	Clause No.	Page No.	Content of RFP Requiring Clarificaiton	Changes Requested	Response From OPHWC
1	TECHNICAL BID	(1) Technical Specification of 2MP Motorized Varifocal IP Bullet Camera with IR 50 Mtr. IR	18	Certification: The system shall be ROHS,WEEE,ISO-14001 and REACH compliant. It should be FCC,CE,UL Certified & BIS Certified	**Requesting you to amend the clause :** The system shall be **ROHS/WEEE/REACH and ISO-14001** It should be **FCC, CE, UL/ BIS Registered** **Clarification:** • UL, WEEE and REACH are foreign certifications. • BIS is an Indian equivalent certificate to UL and is covered as mandatory certifictaion for CCTV cameras as per CRO. • Ministry of Finance had issued an Office Memorandum dated 12th May 2020 which emphasising the mandatory use of Indian Standards in Technical Specifications.	The specification modified as: - The system should support ROHS/WEEE/REACH and FCC,CE,UL/BIS Certification
2	TECHNICAL BID	(2) Technical Specification of 5MP Audio Dome IP Camera with 30 Mtr. IR	19	Certification: The system shall be ROHS,WEEE,ISO-14001 and REACH compliant. It should be FCC,CE,UL Certified	**".......whereever Indian Technical specifications and Quality Certifiactions exist, the procuring entity should prescribe them"** • Asking mandatory foreign certifications like UL, WEEE and REACH is a restrictive clause for Indian OEMs as per he clause no **"10. Specifications in Tenders …. cluase e"** on page no 7 of DPIIT Public Procurement (preference to Make-in -India) order 2017 dated 16th September, 2020. **"Specific Foreign Certifications/unreasonable technical specifications /brands/models in the bid document is restricitive and discriminatory practise against local suppliers"**	The specification modified as: - The system should support ROHS/WEEE/REACH and FCC,CE,UL/BIS Certification
3	TECHNICAL BID	(3) Technical Specification of (VMS) Video Management Software Application	23	3.13. The proposed VMS platform must be UL 2900-2-3 Level 3 Cybersecurity certification	**Request to delete the UL foreign Certiifcation for equal participation to Indian OEM.** UL Certificate is American standard and is applicable to US products. Only one US based OEM qualifies for this point. There is already MIT security Guidelines "X 509 Certificate Policy for India PK" Version 1.6 dated 22 June 2018 Iissued by Government of India to be followed in India. Also as per the Government guidelines VMS OEM should qualify Minimum Local Content in line with 'PPP-MII, 2017 and DoT-Notification-August 2018.	Accepted.The specification modified as: - The proposed VMS platform shall be able to provide forensic search analysis of the recorded video in line with Government of India Guidelines for investigation purpose.

4	TECHNICAL BID	(4) Technical Specification of Server	24	Directory Server Requirements Spec Unified Server Requirements Spec OS Windows Server 2016, Processor: Intel® Xeon® E3-1230v6 3.5GHz or Higher, Memory: 16 GB DDR4 Or Higher, Ethernet: On-board dual 1Gb network adapter(Optional dual 10 Gb adapter available), 2X120GB SSD(RAID1), Warranty: 5-year warranty with on-site service, The appliance must be a turnkey solution with Video Management Software pre- installed, The solution must have machine-learning based antivirus native to the solution, The solution must have built in application to back up the video management software configuration data. The solution should have Microsoft's native antivirus configured by default to work with the video Management System. The solution must have built in maintenance tool developed by the manufacturer of the video management system.	Directory Server Requirements Spec Unified Server Requirements Spec OS Windows Server 2019 standard, Processor: 2 x Intel Xeon Silver 4208, 2.10 GHz or Higher, Memory: 64 GB DDR4 Or Higher, Ethernet: On-board dual 1Gb network adapter(Additional dual 10 Gb adapter available), RAID controller with 8GB cache supporting RAID 1, 5, 6, 10, 2X480GB mix-use SSD(RAID1), 5x PCIe slots, Security - Silicon based hardware root of trust, automatic secure BIOS recovery, cryptographically signed firmware update, firmware drift detection & system lockdown against threats, protection against compromised firmware execution, secure OS recovery, SPEC int_rate_base 2017 > 83 & SPEC fp_rate_base 2017 > 90 Warranty: 5-year warranty with on-site service, ~~The appliance must be a turnkey solution with Video Management Software pre- installed, The solution must have machine-learning based antivirus native to the solution, The solution must have built in application to back up the video management software configuration data. The solution should have Microsoft's native antivirus configured by default to work with the video Management System. The solution must have built in maintenance tool developed by the manufacturer of the video management system.~~ Since video management software is specified as a separate line item in the RFP with separate cost, this section is suggested for deletion to avoid duplication. This will help procurement of VMS independent server hardware that can take in any leading VMS software without a vendor lock-in	Accepted.The specification modified as: - The proposed VMS platform shall be able to provide forensic search analysis of the recorded video in line with Government of India Guidelines for investigation purpose.
5	Chapter 2. Conditions of Contract	(4) Technical Specification of Server	25	Archiver with Storage Server Requirements Spec Unified Server Requirements Spec OS Windows Server 2016 or higher, Processor: Intel Xeon E3- 2226G or Higher , Memory: Up to 16 GB DDR4 or Higher, Ethernet: On-board dual 1Gb network adapter (Optional dual 10 Gb adapter available), 2X120GB SSD ,Compliance standards : IEC 60950-1, Warranty: 5-year warranty with on-site service, The appliance must be a turnkey solution with Video Management Software pre- installed, The solution must have machine-learning based antivirus native to the solution, The solution must have built in application to back up the video management software configuration data. The solution should have Microsoft's native antivirus configured by default to work with the video Management System. The solution must have built in maintenance tool developed by the manufacturer of the video management system	Archiver with Storage Server Requirements Spec Unified Server Requirements Spec OS Windows Server 2019 standard, Processor: 2 x Intel Xeon Silver 4208, 2.10 GHz or Higher, Memory: 64 GB DDR4 Or Higher, Ethernet: On-board dual 1Gb network adapter(Additional dual 10 Gb adapter available), RAID controller with 8GB cache supporting RAID 1, 5, 6, 10, 2X480GB mix-use SSD(RAID1), 5x PCIe slots, Security - Silicon based hardware root of trust, automatic secure BIOS recovery, cryptographically signed firmware update, firmware drift detection & system lockdown against threats, protection against compromized firmware execution, secure OS recovery, SPEC int_rate_base 2017 > 83 & SPEC fp_rate_base 2017 > 90 Warranty: 5-year warranty with on-site service, ~~The appliance must be a turnkey solution with Video Management Software pre- installed, The solution must have machine-learning based antivirus native to the solution, The solution must have built in application to back up the video management software configuration data. The solution should have Microsoft's native antivirus configured by default to work with the video Management System. The solution must have built in maintenance tool developed by the manufacturer of the video management system.~~ Since video management software is specified as a separate line item in the RFP with separate cost, this section is suggested for deletion to avoid duplication. This will help procurement of VMS independent server hardware that can take in any leading VMS software without a vendor lock-in	Accepted. No proprietary Video Management embedded software shall be considered in the solution. The bidder is free to quote Video Management Software from the same Camera OEM or any open source in order to ensure seamless operations.
6	Chapter 2. Conditions of Contract	(5) Technical Specification of SAN/NAS Storage	25	Proposed storage must have minimum 12 G SAS Drive side connectivity, 12 G SAS internal data bus, 12 G SAS expansion ports.	Proposed storage must have minimum 12 Gb/s SAS Drive side connectivity, 12 Gb/s SAS internal data bus or 12 Gb/s SAS expansion ports.	
7	Chapter 2. Conditions of Contract	(5) Technical Specification of SAN/NAS Storage	25	Proposed storage system should have 2U Rack mountable & should support minimum 12x 2.5"'/3.5" SATA / SAS HDD.	Proposed storage system should have 2U Rack mountable & should support minimum 12x 2.5"'/3.5" SATA / SAS/NL-SAS/SSD HDD.	

8	Chapter 2. Conditions of Contract	(5) Technical Specification of SAN/NAS Storage	25	should have at least 1x Intel 4 core or higher CPU	Should have dual controllers with at least 1x Intel 2 core 2.2Ghz or higher CPU per controller.	
9	Chapter 2. Conditions of Contract	(5) Technical Specification of SAN/NAS Storage	25	System should have Default 8GB memory and expandable upto 32GB or more	System should have Default 8GB memory or more per controller	
10	Chapter 2. Conditions of Contract	(5) Technical Specification of SAN/NAS Storage	25	System should have 4x1 GbE ports,	System should have 8x10 GbE ports,	
11	Chapter 2. Conditions of Contract	(5) Technical Specification of SAN/NAS Storage	25	System Should have minimum 1 number of replaceable modular Card Slot	Delete this point.	
12	Chapter 2. Conditions of Contract	(5) Technical Specification of SAN/NAS Storage	25	Below max. Host ports should be supported in card slot and possible to inter change the card without the need to change or upgrade the storage controller	Either of the below Host ports configuration should be supported v	
13	Chapter 2. Conditions of Contract	(5) Technical Specification of SAN/NAS Storage	25	4 x 16 Gb/s FC 2 x 32 Gb/s FC 2 x 10 Gb/s iSCSI (RJ45) 2 x 10 Gb/s iSCSI (SFP+) 8 x 1 Gb/s iSCSI 2x 25Gb/s (SFP28) 2x 40Gb/s (QSFP+) 3x 12Gb/s SAS	8 x 16 Gb/s FC 8 x 10 Gb/s iSCSI (RJ45) 8 x 10 Gb/s iSCSI (SFP+) 8 x 12Gb/s SAS 4 x 16Gb/s FC + 4 x 10 Gb/s iSCSI (SFP+)	
14	Chapter 2. Conditions of Contract	(5) Technical Specification of SAN/NAS Storage	25	Initially Quoted with 4x1GbE ports	Initially Quoted with 8x10GbE ports	
15	Chapter 2. Conditions of Contract	(5) Technical Specification of SAN/NAS Storage	25	Support drives including SSD, SAS/SATA HDD in the same enclosure.	Support drives including SSD/SAS/SATA/NL-SAS HDD in the same enclosure.	
16	Chapter 2. Conditions of Contract	(5) Technical Specification of SAN/NAS Storage	25	2.5" SAS/SATA SSDs 2.5" 10K rpm SAS HDD 3.5" 7200 rpm NL-SAS/SATA HDD	2.5" SAS/SATA SSDs , 2.5" 10K rpm SAS HDD 3.5" 7200 rpm NL-SAS/SATA HDD	
17	Chapter 2. Conditions of Contract	(5) Technical Specification of SAN/NAS Storage	25	Automated support request Proposed Storage should have option to automatically create support ticket with relevant logs with the OEM support in case of critical event.	Automated support request Proposed Storage should have option to automatically create support ticket with the OEM support in case of critical event.	
18	Chapter 2. Conditions of Contract	(5) Technical Specification of SAN/NAS Storage	25	Proposed storage should have true unified storage architecture. should support File, Block and Object storage. All these protocols should be supported and licenses for full storage capacity should be quoted for the duration of the product lifecycle NFS, CIFS/SMB, AFP, FTP, SFTP, WebDAV, REST API, 1Gb/s, 10Gb/s and (RJ-45, SFP+), 10Gb/s FCoE, 8Gb/s, 16Gb/s Fiber Channel,	Proposed storage should have SAN storage architecture. should support Block. All these protocols should be supported and licenses for full storage capacity should be quoted for the duration of the product lifecycle .Should support FC , iSCSI and SAS	
19	Chapter 2. Conditions of Contract	(5) Technical Specification of SAN/NAS Storage	26	Storage Capacity: Should be quoted with 12x 4TB NL SAS 12Gb/s HDD.	Storage Capacity: Should be quoted with 12x 4TB NL SAS 12Gb/s HDD.	

20	Chapter 2. Conditions of Contract	(5) Technical Specification of SAN/NAS Storage	26	System should be scalable to minimum 300 drives by using SAS connected expansion enclosure.	System should be scalable to minimum 250 drives by using SAS connected expansion enclosure.	
21	Chapter 2. Conditions of Contract	(5) Technical Specification of SAN/NAS Storage	26	One hot spare for every 10 drives should be configured.	One hot spare for every 11 drives should be configured.	
22	Chapter 2. Conditions of Contract	(5) Technical Specification of SAN/NAS Storage	26	Support inbuilt file system which can support single volume size up to 2PB. License for full capacity should be quoted upfront.	Proposed SAN storage should be scalable to 2PB.	
23	Chapter 2. Conditions of Contract	(5) Technical Specification of SAN/NAS Storage	26	OS Support - Microsoft Windows Server 2019/2016/2012R2/2012/2008R2/2008, Windows 7 SP1, Windows 8.1, Microsoft Windows Hyper-V, Ret Hat Enterprise Linux, SUSE Linux Enterprise, Sun Solaris, Mac OS X, VMware, Citrix XenServer, OpenStack Cinder	OS Support - Microsoft Windows Server 2019/2016/2012R2/2012/2008R2/2008, Microsoft Windows Hyper-V, Ret Hat Enterprise Linux, SUSE Linux Enterprise, VMware,	
24	Chapter 2. Conditions of Contract	(5) Technical Specification of SAN/NAS Storage	26	Cloud - Support cloud provider: Amazon S3, Alibaba Cloud, Microsoft Azure, Open stack Swift, Google Cloud. If any additional hardware is required for cloud integration it should be quoted for the full capacity upfront	Delete this point.	There is no requirement of cloud storage, therefore clause should deleted
25	Chapter 2. Conditions of Contract	(5) Technical Specification of SAN/NAS Storage	26	Cloud Disaster Recovery automatically make the hidden snapshot to cloud, allow administrator to use the last snapshot for roll-back	Should support replication of data to another similar storage..	
26	Chapter 2. Conditions of Contract	(5) Technical Specification of SAN/NAS Storage	26	Support deduplication/compression feature before data migrate to cloud provider	Delete this point.	
27	Chapter 2. Conditions of Contract	(5) Technical Specification of SAN/NAS Storage	26	Storage should support Automated Storage Tiering, SSD Cache, Thin Provisioning, Volume Mirror/Copy, Block level Remote replication, File level Remote Replication (Rsync), Snapshot.	Storage should support Storage Tiering, Thin Provisioning, Volume Mirror/Copy, Block level Remote replication, Snapshot.	
28	Chapter 2. Conditions of Contract	(5) Technical Specification of SAN/NAS Storage	26	Intelligent multi-level drive spin-down	Delete this point.	
29	Chapter 2. Conditions of Contract	(5) Technical Specification of SAN/NAS Storage	26	Relative humidity: 5 to 95% non-condensing, opera	Delete this point.	
30	TECHNICAL BID	(6) Technical Specification of 5 KVA Online UPS	26	Technical Specification of 5 KVA Online UPS	As per BOM 5 KVA is Required but as per Technical Parameter 2 x 6 KVA is mentioned, Kindly clarify	Please read the requirement as 5 KVA Online UPS.
31	TECHNICAL BID	(6) Technical Specification of 5 KVA Online UPS	27	2. UPS Rating- 5 KVA / 5000W , 30 MIN, 5600VAH FOR EACH UPS.	Kindly clarify as output Wattage required is 5000 W but as per Technical parameter Output Power Factor asked is .9 so Output wattage would be 4500Watts In case of 5 KVA and 5400 Watts in case of 6 KVA , kindly clarify	Please read the requirement as 5 KVA Online UPS.
32	TECHNICAL BID	(6) Technical Specification of 5 KVA Online UPS	27	Efficiency (AC - AC) : up to 94%	AC-AC Efficiency should be up to 93% , kindly amend the same.	

33	TECHNICAL BID	(6) Technical Specification of 5 KVA Online UPS	27	Battery: 12V 26H - 18Nos. Make - Exide / Quanta/ Okaya /equivalent.	18Nos. of battery is specific to OEM. We are requesting you to remove this point and make the specification generic. Battery will be offered as per 30min Backup.	Yes, Accepted. Battery will be offered for 30min backup, as per the minimum requirement.
34	TECHNICAL BID	(9) Specification of Switch 24 Port POE Switch	30	The switch should support a minimum of 4 Combo (GT/SFP) Uplinks.	Kindly delete this clause, this will limit the participation of major OEM's. all major OEM's can provide 24 x 10/100/1000 ports and 4SFP+ which suffice your port requirement.	The Clause Deleted
35	TECHNICAL BID	(9) Specification of Switch 24 Port POE Switch	30	The switch should support 32MB SPI + 128MB NAND of Flash memory	Kindly modify the clause as" The switch should support 32MB SPI + 128MB NAND of Flash memory **or 256 MB flash.**"	Accepted
36	TECHNICAL BID	(9) Specification of Switch 24 Port POE Switch	30	The switch should support Maximum transmission unit (MTU) of 10K	Kindly delete this clause, this will limit major OEM's to participate. Its normally jumbo frame which you already asked in above clause.	The Clause Deleted
37	TECHNICAL BID	(9) Specification of Switch 24 Port POE Switch	32	Layer 3 Feautures complete selection 8.1 to 8.5	Please remove advance layer 3 protocols for Layer 2 switch to comply and fit in switch budget by reputed OEM's	Accepted
38	Financial Bid	(E)Work Station PC	2	Work Station - 8th Generation Intel® Core™ i7 32 GB of RAM or better 64-bit operating system 240 GB Solid State Drive for OS and Security Centre applications Gbe network interface card (Make: Dell /Lenovo/HP	Minimum 10th Generation Intel Core i7 or higher processor Minimum 32 GB Memory , upgradable up to minimum 128 GB or higher with 4 DIMM Slots. Chipset : Intel W480 or Higher workstation class chipset 64 Bit , Windows 10 Professional Operating systems Minimum 512 GB SSD Drive Slots : Minimum 3 Nos. USB : Minimum 5 Nos USB 3.2 or Higher Integrated ports and 1 USB Type C Port. Minimum Nvidia GeForce RTX 2060 or higher Monitor : Minimum 23.8" TFT monitor with 1xVGA,1xDisplay Port & 1xHDMI port Minimum Power Supply : 550 W with 92% Energy Efficient and EPEAT Gold certified Monitor, Workstation keyboard & Mouse from same OEM. Certification : FCC,UL,CE and TCO 8 for the quoted workstation model .	Work Station - 10th Generation Intel Core i7 or Better 32 GB RAM or Better 64-bit Windows Latest Operating System Minimum 240 GB Solid State Drive for OS and Security Centre applications Gbe network interface card (Prefered Make: Dell /Lenovo/HP/Any equivalent OEM compliance to the technical specification asked in this tender.
39	Financial Bid	(B) VIDEO MANAGEMENT SOFTWARE (VMS)	1	VMS Base License (Make: Cisco / Genetec / IBM)	Allow Make in India makes. **Amend Clause as :** VMS Base License (Make: Cisco / Genetec / IBM / Make In India Product as per the Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017 and latest amendment dated 16/09/2020 issued by Department of Industrial Promotion and Policy, Ministry of Commerce.	Makes compliant with RFP specifications are allowed
40	Financial Bid	(B) VIDEO MANAGEMENT SOFTWARE (VMS)	2	VMS Base License (Make: Cisco / Genetec / IBM)	Allow Make in India makes. **Amend Clause as :** VMS Base License (Make: Cisco / Genetec / IBM / Make In India Product as per the Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017 and latest amendment dated 16/09/2020 issued by Department of Industrial Promotion and Policy, Ministry of Commerce.	OEM Makes compliant to the tender specifications are allowed

41	Financial Bid	(B) VIDEO MANAGEMENT SOFTWARE (VMS)	2	VMS Base License (Make: Cisco / Genetec / IBM)	Allow Make in India makes. **Amend Clause as :** VMS Base License (Make: Cisco / Genetec / IBM / Make In India Product as per the Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017 and latest amendment dated 16/09/2020 issued by Department of Industrial Promotion and Policy, Ministry of Commerce.	OEM Makes compliant to the tender specifications are allowed
42	Financial Bid	(C)SERVER (DIRECTORY & ARCHIVER)	2	Directory Server -High end Rack Mount Server with Original Microsoft Server License. (Make: Dell / Cisco / Genetec / IBM)	Allow Make in India makes. **Amend Clause as :** Directory Server -High end Rack Mount Server with Original Microsoft Server License. (Make: Dell / Cisco / Genetec / IBM / Make In India Product as per the Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017 and latest amendment dated 16/09/2020 issued by Department of Industrial Promotion and Policy, Ministry of Commerce	OEM Makes compliant to the tender specifications are allowed
43	Financial Bid	(C)SERVER (DIRECTORY & ARCHIVER)	2	Archiver Server -High end Rack Mount Server with Original Microsoft Server License. (Make: Dell / Cisco / Genetec / IBM)	Allow Make in India makes. **Amend Clause as :** Archiver Server -High end Rack Mount Server with Original Microsoft Server License. (Make: Dell / Cisco / Genetec / IBM / Make In India Product as per the Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017 and latest amendment dated 16/09/2020 issued by Department of Industrial Promotion and Policy, Ministry of Commerce	OEM Makes compliant to the tender specifications are allowed
44	Financial Bid	(C)SERVER (DIRECTORY & ARCHIVER)	2	G Cable (Make: Dell / Cisco / Genetec/ IBM)	Allow Make in India makes. **Amend Clause as :** G Cable (Make: Dell / Cisco / Genetec/ IBM / Make In India Product as per the Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017 and latest amendment dated 16/09/2020 issued by Department of Industrial Promotion and Policy, Ministry of Commerce.	OEM Makes compliant to the tender specifications are allowed
45	Financial Bid	(D) SAN/NAS STORAGE FOR 60 DAYS BACK UP	2	Network attach storage with 10G SFP port+ (4 TB x12 Nos)HDD (Make: DELL /Genetec /IBM/Infotrend)	Allow Make in India makes. **Amend Clause as :** Network attach storage with 10G SFP port+ (4 TB x12 Nos)HDD (Make: DELL /Genetec /IBM/Infotrend) / Make In India Product as per the Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017 and latest amendment dated 16/09/2020 issued by Department of Industrial Promotion and Policy, Ministry of Commerce.	OEM Makes compliant to the tender specifications are allowed

46	Financial Bid	(E)Work Station PC	2	Work Station -8th Generation Intel® Core™ i7 • 32 GB of RAM or better • 64-bit operating system • 240 GB Solid State Drive for OS and Security Centre applications • Gbe network interface card • NVIDIA® GeForce GTX 1060 with 6 GB of RAM or Better with Original Microsoft License. (Make: Dell /Lenovo/HP)	Allow Make in India makes. **<u>Amend Clause as :</u>** Work Station -8th Generation Intel® Core™ i7 • 32 GB of RAM or better • 64-bit operating system • 240 GB Solid State Drive for OS and Security Centre applications • Gbe network interface card • NVIDIA® GeForce GTX 1060 with 6 GB of RAM or Better with Original Microsoft License. (Make: Dell /Lenovo/HP / Make In India Product as per the Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017 and latest amendment dated 16/09/2020 issued by Department of Industrial Promotion and Policy, Ministry of Commerce.	OEM Makes compliant to the tender specifications are allowed
46	Financial Bid	(F)ACCESS CONTROL FOR CONTROL ROOM	2	Bio matric access control unit with EM Lock , Exit Push Bottom, and required cable Etc. (Make: ESSEL/Morpho/Suprema)	Allow Make in India makes. **<u>Amend Clause as :</u>** Bio matric access control unit with EM Lock , Exit Push Bottom, and required cable Etc. (Make: ESSEL/Morpho/Suprema / Make In India Product as per the Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017 and latest amendment dated 16/09/2020 issued by Department of Industrial Promotion and Policy, Ministry of Commerce.	OEM Makes compliant to the tender specifications are allowed
47	Financial Bid	(G)PROFESSIONAL DISPLAY	2	43" 4K Professional Display with HDMI cable as required.(Make: LG / PANASONIC / SONY)	Allow Make in India makes. **<u>Amend Clause as :</u>** 43" 4K Professional Display with HDMI cable as required. (Make: LG / PANASONIC / SONY / Make In India Product as per the Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017 and latest amendment dated 16/09/2020 issued by Department of Industrial Promotion and Policy, Ministry of Commerce.	OEM Makes compliant to the tender specifications are allowed
48	Financial Bid	(H)ON-LINE UPS	2	5 KVA online UPS with 26 ah X 16 Nos of Battery (Make: Numeric / Microtek)	Allow Make in India makes. **<u>Amend Clause as :</u>** 5 KVA online UPS with 26 ah X 16 Nos of Battery (Make: Numeric / Microtek / Make In India Product as per the Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017 and latest amendment dated 16/09/2020 issued by Department of Industrial Promotion and Policy, Ministry of Commerce.	OEM Makes compliant to the tender specifications are allowed
49	Financial Bid	(I)CAT 6 Cable & Other Accessories	2	CAT 6 LSZH Cable-305 Mtrs. (Make: AMP CommScope /RIT/ DIGISOL/3C3)	Allow Make in India makes. **<u>Amend Clause as :</u>** CAT 6 LSZH Cable-305 Mtrs. (Make: AMP CommScope /RIT/ DIGISOL/3C3 / Make In India Product as per the Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017 and latest amendment dated 16/09/2020 issued by Department of Industrial Promotion and Policy, Ministry of Commerce.	OEM Makes compliant to the tender specifications are allowed
50	Financial Bid	(I)CAT 6 Cable & Other Accessories	2	RJ45 Jack (100 nos.) (Make: AMP CommScope / Digilink)	Allow Make in India makes. **<u>Amend Clause as :</u>** RJ45 Jack (100 nos.) (Make: AMP CommScope / Digilink / Make In India Product as per the Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017 and latest amendment dated 16/09/2020 issued by Department of Industrial Promotion and Policy, Ministry of Commerce.	OEM Makes compliant to the tender specifications are allowed

51	Financial Bid	(I)CAT 6 Cable & Other Accessories	2	24 Port Managed 10/100/1000 Mbps 370Watt POE+ switch with 4 SFP Port. With NBD Support. (Make:Cisco / Extreme / HP)	Allow Make in India makes. **Amend Clause as :** 24 Port Managed 10/100/1000 Mbps 370Watt POE+ switch with 4 SFP Port. With NBD Support. (Make:Cisco / Extreme / HP / DELL / Make In India Product as per the Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017 and latest amendment dated 16/09/2020 issued by Department of Industrial Promotion and Policy, Ministry of Commerce.	OEM Makes compliant to the tender specifications are allowed
52	Financial Bid	(I)CAT 6 Cable & Other Accessories	3	9U Wall Mount Rack (600 MM depth with Cable manager, PDC, FAN & Tray. (Make: Net / VAL / Rittal)	Allow Make in India makes. **Amend Clause as :** 9U Wall Mount Rack (600 MM depth with Cable manager, PDC, FAN & Tray. (Make: Net / VAL / Rittal / Make In India Product as per the Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017 and latest amendment dated 16/09/2020 issued by Department of Industrial Promotion and Policy, Ministry of Commerce.	OEM Makes compliant to the tender specifications are allowed
53	TECHNICAL BID	(3) Technical Specification of (VMS) Video Management Software Application	23	New Suggestion	VMS and Camera must have supplied in atleast 2 courts in India along with server based Analytics and PO copies to be submitted for reference.	
54	TECHNICAL BID			New Suggestion	There is a latest Public Procuemeent(Preference to Make in India), Order 2017-Revision issued dated 16th September,2020; Order No P-45021/2/2017-PP (BE-II) issued by Public Procurement Section, Department of Promotion of Industry and Internal Trade, Ministry of Commerce and Industry. The same should be incoporated/applicable on this tender as per Government of India guidelines.	Yes, Accepted
55	TECHNICAL BID			New Suggestion	Key component OEMs such as Cameras, Servers, Storage, Workstations, Network Switches etc their presence in India from last 10 years. Registered offices by way of Joint ventures, Franchise, agency, distribution partners will not be considered. In case of the company having a foreign parent / holding company, the company shall be a wholly owned subsidiary.	Yes, Accepted
					IP CCTV System OEM for Cameras & VMS must be a member &/or listed in the ONVIF website. The quoted products must be ONVIF compliant not conformant. Online verification of OEM in ONVIF website must be available. No OEM should be banned or suspended by ONVIF within the last five years from the date of publishing the bid.	Yes, Accepted