

6.2.2.6 GTP of Operator PC

(To be filled up and signed by the Manufacturer & Tenderer, otherwise the offer will not be acceptable)

Sl. No.	Name of Item	Unit	Required specifications	Full Technical Specification & Standard (to be mentioned)
1	Brand		To be mentioned by the tenderer	
2	Model		To be mentioned by the tenderer	
3	Country of origin		To be mentioned by the bidder	
4	Country of Manufacturer		To be mentioned by the bidder	
5	Processor		Min 14th Generation Intel Core i7 or higher	
6	Clock speed		Min. 5.40 GHz Turbo Frequency or higher	
7	Graphic Card		Should be Intel UHD Graphics 770 or higher	
8	RAM		Min. 16GB DDR5	
9	Hard Disk Drive		Min. 512GB SSD	
10	Keyboard		Should Provide Standard USB keyboard	
11	Mouse		Should Provide Standard USB optical mouse	
12	Chipset		Intel B660 Chipset or higher	
13	Ports		Min. 3 x USB 3.2 Gen 1 Type-A, 4 x USB 2.0, 1 x USB 3.2 Gen 1 Type-C, 1 x HDMI, 1 x DP, 1 x RJ45, Wi-Fi 6, Bluetooth, 1 x Combo Audio Por , 1 x Audio Out	
14	Form Factor		Micro/Mini Tower/Tower	
15	Power Supply		To be mentioned by the bidder	
16	Operating System		Windows Latest Version with License.	
17	Installation		Bidder should responsible for installation, Testing and commissioning	
18	Documentation		- Bidder should provide relevant documents as reference of their compliance of the specific feature.	
			- Bidder must clearly mention the OEM model number.	
			- Bidder must submit manufacturer authorization letter direct from OEM/Distributor along with bid document.	
19	Warranty		Bidder should provide three (03) years full warranty	

[The Tenderer should complete all the columns as required]

Signature:

Name & Designation of tenderer

Signature

Name and Designation of Manufacturer

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6.2.2.7 GTP of 23.8 Inch Monitor with Dual Arm Desk Mount Stand

(To be filled up and signed by the Manufacturer & Tenderer, otherwise the offer will not be acceptable)

Sl. No.	Name of Item	Unit	Required specifications	Full Technical Specification & Standard (to be mentioned)
1	Brand		To be mentioned by the tenderer	
2	Model		To be mentioned by the tenderer	
3	Country of origin		To be mentioned by the bidder	
4	Country of Manufacturer		To be mentioned by the bidder	
5	Display Size		Should be min. 23.8 inch	
6	Backlight Technology		Should be LED backlight	
7	Panel Type		Should be IPS	
8	Resolution		Should be FHD (1920x1080) or higher	
9	Display Surface		Should be Anti-Glare	
10	Aspect Ratio		Should be 16:9	
11	Viewing Angle		Should be 178°/178°	
12	Brightness		Should be min. 250 nits	
13	Contrast Ratio		Should be min. 1300:1	
14	Refresh Rate		Should be min. 100 Hz	
15	Color Support		Should be 16.7 million color	
16	Color Gamut		Should be 99% sRGB	
17	Response Time		Should be max. 5ms	
18	Others Features		Should have Low Blue Light Plus and Eyesafe Certification, Flicker Free, HDCP	
19	Speaker		Should have min. 2Wx2 built-in speaker	
20	Interfaces		Should have min. 1x DisplayPort and 2x HDMI with Audio Jack	
21	Vesa Wall Mount		Should support 100x100 mm	
22	Monitor Dual Arm Desk Mount Stand			
23	Brand		To be mentioned by the tenderer	
24	Model		To be mentioned by the tenderer	
25	Country of origin		To be mentioned by the tenderer	
26	Country of Manufacturer		To be mentioned by the bidder	
27	Display support		Should support min. 17 - 32 Inch Display	
28	Loading Capacity		Should be min. 18 Kg	
29	Vesa		Should support 75 x 75 / 100 x 100mm	
30	Number of Screens		Should support 2 display	
31	Others Features		Should have Adjustable Height, Tilt & Rotation Adjustment, SPCC Metal Body Material	
32	Installation		- Bidder should responsible for installation, Testing and commissioning - Bidder should provide 1 nos Monitor Dual Arm Desk Mount Stand for 2 Nos 23.8 Inch Monitor	
33	Documentation		- Bidder should provide relevant documents as reference of their compliance of the specific feature. - Bidder must clearly mention the OEM model number.	

Sl. No.	Name of Item	Unit	Required specifications	Full Technical Specification & Standard (to be mentioned)
			- Bidder must submit manufacturer authorization letter direct from OEM/Distributor along with bid document.	
34	Warranty		Bidder should provide three (03) years full warranty	

[The Tenderer should complete all the columns as required]

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6.2.2.8 GTP of HDMI Splitter

(To be filled up and signed by the Manufacturer & Tenderer, otherwise the offer will not be acceptable)

Sl. No.	Name of Item	Unit	Required specifications	Full Technical Specification & Standard (to be mentioned)
1	Brand		To be mentioned by the bidder	
2	Model		To be mentioned by the bidder	
3	Country of Origin		To be mentioned by the bidder	
4	Country of Manufacturer		To be mentioned by the bidder	
5	General Features		Connects one HDMI source to two HDMI displays at the same time	
			HDMI should support 3D, Deep Color and 4K and High Bandwidth Digital Content Protection 1.4 Compliant	
			Device should support Data Rate Min. 10.2 Gbps where 3.4 Gbps Per Lane and bandwidth should be Min. 340MHz for high performance video	
			Device should support Min. 15m Long distance transmission and cable should be 24 AWG	
			Supports resolutions Min. 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)	
			Supports Dolby True HD and DTS HD Master Audio	
			Plug-and-play – no software installation required	
6	Input/Output Interface			
7	Power Consumption			
8	Operating Temperature			
9	Storage Temperature			
10	Humidity			
11	Housing			
12	Installation			
13	Documentation		- Bidder should provide relevant documents as reference of their compliance of the specific feature.	
			- Bidder must clearly mention the OEM model number.	
			- Bidder must submit manufacturer authorization letter direct from OEM/Distributor along with bid document.	
14	Warranty		Bidder should provide three (03) years full warranty	

[The Tenderer should complete all the columns as required]

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6.2.2.9 GTP of Network PoE Switch

(To be filled up and signed by the Manufacturer & Tenderer, otherwise the offer will not be acceptable)

Sl. No.	Name of Item	Unit	Required specifications	Full Technical Specification & Standard (to be mentioned)
1	Brand		To be mentioned by the bidder	
2	Model		To be mentioned by the bidder	
3	Brand Origin		To be mentioned by the bidder	
4	Country of Manufacturer/Origin		To be mentioned by the bidder	
5	Interface		10/100/1000 Base-T RJ45 ports: Should be min. 24 1000BASE-X Fiber SFP Ports: Should be min. 4	
6	PoE		Switch should have min. 190 Watt PoE power budget	
7	Upload & Backup		Must have USB port for config file upload/backup & firmware updates	
8	Packet buffer		Should be min. 1.5MB	
9	Processor		Should have min. 800MHz ARM processor	
10	Memory		Should have min. 512MB RAM	
11	Flash		Should have min. 64MB FLASH	
12	MAC Address Table		Should support 16K MAC Address	
13	Bandwidth		Should be min. 56 Gbps	
14	Packet forwarding rate		Should be min. 41.67 Mpps	
15	Jumbo frame support (bytes)		Must support 10K packet size	
16	Mean Time Between Failures (MTBF)		Should be min. 1,750,000 hours	
17	Protocols		Should have PoE controls/Port for remote power management with operation scheduling, Auto DOS (denial of service) prevention, IGMP Snooping and Querier for multicast optimization, Rate limiting and priority queuing for better bandwidth allocation, Port mirroring for network monitoring, SNMP and RMON remote monitoring, Configure in app and email alerts and notifications	
18	Cloud Management		Proposed device should be fully cloud-managed - Instantly activate cloud management from the web GUI - Cloud based network administration - Monitoring - Firmware management	
19	Network Management		Network Management System should allow proposed product to be deployed and managed through this single interface, Should provide Dual firmware images for reliability and uptime of network	
20	Certification		Offered product must have CB, RCM, KC, BSMI, ICES Class A, VCCI, BSMI, UKCA Certifications. Evidence should be submitted along with the proposal.	
21	Documentation		- Bidder should provide relevant documents as reference of their compliance of the specific feature. - Bidder must clearly mention the OEM model number. - Bidder must submit manufacturer authorization	

Sl. No.	Name of Item	Unit	Required specifications	Full Technical Specification & Standard (to be mentioned)
			letter direct from OEM along with bid document. - Bidder must submit Country of Manufacturer certificate along with proposal	
22	Installation		- Bidder should responsible for installation, Testing and commissioning.	
23	Warranty		Bidder should provide three (03) years replacement warranty. If proposed model end of life (EOL), update model need to provide as replacement.	
			Warranty activation should be ready from both website and Moblie Apps. Bidder should provide the activation link and Apps Name during the proposal submission.	

[The Tenderer should complete all the columns as required]

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Signature

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6.2.2.10 GTP of 15U AV Rack

(To be filled up and signed by the Manufacturer & Tenderer, otherwise the offer will not be acceptable)

Sl. No.	Name of Item	Unit	Required specifications	Full Technical Specification & Standard (to be mentioned)
1	Brand		Commscope/Panduit/Prose	
2	Model		To be mentioned by the bidder	
3	Brand Origin		To be mentioned by the bidder	
4	Country of Manufacturer		To be mentioned by the bidder	
5	Conformity		All passive products (Copper and Rack) must be from same manufacturer in order to ensure the end to end proper integration.	
6	Rack Dimensions		Typical Dimensions: Should be 19" (width) x 15U (height) x 600mm (depth)	
7	Construction Material		• Rack Material: Should have High-quality steel construction for durability and stability. • Finish: Should be Powder-coated finish for corrosion resistance.	
8	Mounting Capacity		• Number of Rack Units (U): Should be min. 15U • Mounting Rails: Should be Front and rear mounting rails for secure installation.	
9	Static Load		Should be min. 80kg	
10	Color		Should be Black, RAL9005(Optional Gary RAL7035)	
11	Standard		Should be Compliance with EIA-310-E, IEC297-2, DIN41491; PART1, DIN41494; PART7, GB/T3047.2-92 standard; Compatible with ETSI standard	
12	Frame Structure		Should be Detachable	
13	U-column		Should have 4pcs, 1.5mm	
14	Beam Thickness(mm)		Should be SPCC,0.8mm	
15	Front Door		Should have Glass door	
16	Rear Panel		Should be Non-removable with hanging plate	
17	Side Door		Should be Tool-free installation (Optional round lock)	
18	Access and Security		• Lockable Front Door: Should be lockable front door with tempered glass • Key Lock: Should Include keys for the lock, and specify the type of lock used.	
19	Cooling and Ventilation		Should have Cooling Fan 2pcs, AC220V with UK type power plug	
20	Mounting Hardware		• Wall Mounting Hardware: Should Include wall mounting brackets and hardware for secure attachment to the wall.	
21	Philip screws and Nuts		Should provide min. 30 sets from day one	
22	PDU		Should provide min. 1X6 Port 13A UK Type PDU from day one	
23	Documentation		- Bidder should provide relevant documents as reference of their compliance of the specific feature. - Bidder must clearly mention the OEM model number. - Bidder must submit manufacturer authorization letter direct from OEM along with bid document.	
24	Installation		- Bidder should responsible for installation, Testing and commissioning.	

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Sl. No.	Name of Item	Unit	Required specifications	Full Technical Specification & Standard (to be mentioned)
			- Installation work should be completed through OEM certified engineer. Evidence should be submitted along with proposal.	

[The Tenderer should complete all the columns as required]

Signature:

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Signature

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6.2.2.11 GTP of Accessories & Installation

(To be filled up and signed by the Manufacturer & Tenderer, otherwise the offer will not be acceptable)

Sl. No.	Name of Item	Unit	Required specifications	Full Technical Specification & Standard (to be mentioned)
1	Quality		All the supplied accessories should be good quality	
2	Connectivity Cable		Bidder should provide required network cable, Electric cable to integrate all the supplied equipment to make it functional.	
3	Accessories		The required accessories for all the video component: Bidder should provide installation accessories i.e. PVC pipe, flexible pipe, PVC channel, Thai Channel, Necessary Electrical Cable and related goods, mounting kit, customize mounting kit, cable tie, royal plug, tape etc. as per site requirement. All the cables should be covered by PVC pipe/Flexi Pipe for the prevention of rodent infestation. Bidder should use RFL/Bengal/Equivalent quality pipe for cable laying.	
4	Working Area		Full Ceiling and Major area of Wall within the Rooms	
5	Installation		Bidder should responsible for installation, commissioning and Testing	

[The Tenderer should complete all the columns as required]

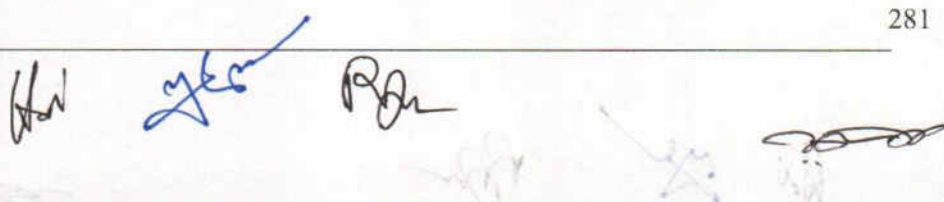
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Name & Designation of tenderer

Signature

Name and Designation of Manufacturer

Duly authorised to sign the Tender for and on behalf of the Tenderer



6.2.2.12 GTP of Operator Table

(To be filled up and signed by the Manufacturer & Tenderer, otherwise the offer will not be acceptable)

Sl. No.	Name of Item	Unit	Required specifications	Full Technical Specification & Standard (to be mentioned)
1	Brand		To be mentioned by the bidder	
2	Model		To be mentioned by the bidder	
3	Brand Origin		To be mentioned by the bidder	
4	Country of Manufacturer		To be mentioned by the bidder	
5	Table Size		Should be H-30" x L-66" x W-32"	
6	Materials		Should be made with Lamination Board, PVC Edging, Grommet	
7	Installation		- Bidder should responsible for installation, Testing and commissioning	
8	Documentation		- Bidder must submit manufacturer authorization letter direct from OEM along with bid document.	
9	Warranty		Bidder should provide one (01) year full warranty	

[The Tenderer should complete all the columns as required]

Signature:

Name & Designation of tenderer

Signature

Name and Designation of Manufacturer

Duly authorised to sign the Tender for and on behalf of the Tenderer

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