



Government of Jammu and Kashmir
Jammu & Kashmir e-Governance Agency
Civil Secretariat, Jammu

Subject:

1. Corrigendum to Notification No. 03 – JaKeGA of 2019 dated 03.10.2019 regarding the Tender for Supply, Installation and Commissioning of IT Infrastructure for Digital Village Centre.
2. Response to Queries received.
3. Extension in date of submission of online bids in respect to Notification No. 03-JakeGA of 2019 dated 03.10.2019 regarding the Tender for Supply, Installation and Commissioning of IT Infrastructure for Digital Village Centre.

1. In the Notification No. 03 – JaKeGA of 2019 dated 03.10.2019, Scope of Work mentioned at point no. 3 on page no. 7 may be read as”:

In order to create IT Infrastructure JaKeGA, IT Department of J&K Government plans to set up Digital Village Centre Infrastructure in all Gram Panchayats as per Annexures of this tender. The following summarizes the scope of work.

- A. To Implement Digital Village Centre in 4290 Gram Panchayats in Jammu and Kashmir starting with 44 Gram Panchayats.
- B. To supply, install and commission all the components mentioned as per the technical and financial bid and to carry out the work.
- C. Detailed Specification of Components needed as per Annexure IV and all other allied detailed on Annexure I to Annexure VII.
- D. Successful bidder will be responsible to rollout the Digital Village Centre Infrastructure.
- E. Successful Bidder to provide detailed connectivity diagram (Physical and Logical) including: Raceway/pathway diagram, heat maps, Cable and Fiber patching details, Naming and labeling details, Cable scanning and test results.
- F. Successful Bidder will carry penta-scanning of each and every node of the Wi-Fi Network

2. Response to Queries received is annexed herewith as Annexure A.

3. The last date for the submission of bid on jktendersportal (www.jktenders.gov.in) in respect of Notification No. 03 – JaKeGA of 2019 dated 03.10.2019 regarding the Tender for Supply, Installation and Commissioning of IT Infrastructure for Digital Village Centre is hereby extended as per below schedule:

S.No.	Key Activities	Date and Time
1	Online Submission of Bids	18.11.2019 upto 02:00 PM
2	Submission of Original Instruments/ Forms as per Tender	18.11.2019 upto 04:00 PM
3	Opening of Tender	19.11.2019 03:00 PM


Chief Executive Officer
J&K e-Governance Agency

No. JaKeGA/Gen/32/2019

Dated: 07.11.2019

Copy to:

1. Pvt. Secretary to Principal Secretary to Government, Information Technology Department for the information of Principal Secretary.
2. Incharge website (www.jakega.jk.gov.in/ JK Tenders Portal).
3. Office file.

Response to the Queries from Bidders regarding Tender for Supply, Installation and Commissioning of IT Infrastructure for Digital Village Centre (Annexure A)

S. No	Bidder Name	Product	Pre Bid Queries from bidders			Response from JaKeGA, IT Department, J&K Government			
			Specifications as per RFP	Remarks	Required Modifications	Justification from Bidder	Response from JaKeGA	Justification	Page No & S.No
1	M/s Aman Technologies	MCU	MCU should support audio ports on IP minimum 20 VoIP ports	OEM Proprietary/Specific	Remove		VOIP Ports are necessary for setup. Bidder to ensure that it quote the right product for MCU which has the said VOIP ports. Hence the clause may be read as "MCU should support audio ports on IP minimum 20 VoIP ports", or Incase Bidder quotes an MCU which doesn't have this feature, then it may have a third party integration products that provides the number of VOIP ports as asked in RFP however the integration must be tested and smooth.		Page 32 & S.no 8 of MCU
2	M/s Aman Technologies	MCU	Onsite OEM Warranty	Warranty already defined/working of MCU	The proposed MCU should have installation base in India of minimum one order of 100 port MCU in Govt./PSU		May be read as " On Site OEM Warranty for 05 years"	The MCU should have 5 years OEM product warranty.	34 & s. no 53 of MCU
3	M/s Aman Technologies	Video conferencing endpoint type 1	Mandatory registration with MCU	Not required	Remove		Accepted. May be read as " Registration with MCU not mandatory with the condition that seamless Video Conferencing among various participants doesn't get hampered"		34 & S.no 1 of VC Camera Type 1
4	M/s Aman Technologies	Video conferencing endpoint type 1	The Video conferencing endpoint should support a single Non PTZ camera with Face Detection/ Automatic voice tracking capability.	OEM Proprietary/Specific	The Video conferencing endpoint should support a PTZ camera with speaker tracking capability with 12x optical zoom		Minimum specifications in the RFP. The bidder is free to offer a better product with higher specification.		34 & S. No 5 of VC Camera Type 1
5	M/s Aman Technologies	Video conferencing endpoint type 1	The system should have a field of view range of minimum 85 degrees or higher so as to capture the participants properly	OEM Proprietary/Specific	The system should have a field of view range of minimum 70 degrees or higher so as to capture the participants properly		Accepted. May be read as " The system should have a field of view range of minimum 70 degrees or higher so as to capture the participants properly"		Page No 35 & S. No 9 of VC Camera Type 1
6	M/s Aman Technologies	Video conferencing endpoint type 1	The system should have integrated Wi Fi Connectivity so that the system can work on w wireless network in the room	OEM Proprietary/Specific	Remove		Wi-Fi is the essence of the project. Bidder to ensure that if the product it intends to quote doesn't have in built Wi-Fi then it may alternatively do so by turning it into a Wi-Fi client device using a third party integration solution. However the integration must be tested and smooth.	We have a Wi-Fi network in Digital Village. It is required for the VC endpoint to work on Wi-Fi network.	Page No 35 & S. No 19 of VC Camera Type 1
7	M/s Aman Technologies	Video conferencing endpoint type 2	The Video conferencing endpoint should comprise of dual 10x optical zoom based automatic voice speaker tracking full HD camera/s, 80 degrees or more, full HD Codec, 6 Microphones, Touch Panel and necessary cables. These microphones could either be connected directly to the codec or externally	OEM Proprietary/Specific	The Video conferencing endpoint should comprise of dual 12x optical zoom based automatic voice speaker tracking full HD camera/s, 70 degrees or more, full HD Codec, 4 Microphones, Touch Panel and necessary cables. These microphones could either be connected directly to the codec or cascaded		The clause may be read as "The Video conferencing endpoint should comprise of dual 10x or 12x or higher optical zoom based automatic voice speaker tracking full HD camera/s, 70 or 80 degrees or more, full HD Codec, 4 or 6 or more Microphones, Touch Panel and necessary cables. These microphones could either be connected directly to the codec or cascaded"		Page No 36 & S. No 1 of VC Equipment Type 2
8	M/s Aman Technologies	Video conferencing endpoint type 2	The system should have 3x HDMI/DVI ports to connect two or more cameras and 1 x PCI/Computer	OEM Proprietary/Specific	The system should have 3x HDMI/DVI ports to connect two cameras and 1 x PC/Computer		May be read as "The system should have 3x HDMI/DVI ports to connect two or more cameras and 1 x PC/Computer. However atleast minimum of 2xHDMI/DVI ports are needed to connect to cameras and extra one no. of HDMI/DVI Ports may be added as an external hardware and integrate with the VC end point smoothly."		Page No 36 & S. No 6 of VC Equipment Type 2
9	M/s Aman Technologies	Video conferencing endpoint type 2	Should support Standards-based: H.235 v3 and AES Encryption via Automatic key generation and exchange. The same should be available in a call with Video with presentation	OEM Proprietary/Specific	Remove		As per RFP. Incase the bidder proposes a product which doesn't have this security feature, then it may mandatorily add a Next Generation Firewall (Enterprise class) for such functionality with capacity to handle 2 Gbps of minimum bandwidth throughput and scalable upto 10 Gbps or may provide alternate tested working solution with atleast one proven deployment in any Government Organization/PSU/Government Agency to meet the feature as per the RFP. Bidder to ensure all the communications to be secure as per the RFP feature.	This feature is required as it is needed for secure communication during video call and presentation sharing.	Page No 36 & S. No 11 and 12 of VC Equipment Type 2
Pre Bid Queries from bidders									
	Bidder Name		Queries	Remark (Changes requested by Bidder)			Response from JaKeGA	Justification	Page No & Annexure
10	CMS IT Services		The Bidder must be a profit making Company/Organization from 3 years/12 Quarters i.e (2016-17, 2017-18, 2018- 19) duly certified by registered CA.	Request you to please change this as "The Bidder must have positive networth Company/Organization for 3 years/12 Quarters i.e (2016-17, 2017-18, 2018- 19) duly certified by registered CA.			As per RFP		page number 16 point no. III
11	CMS IT Services		One Project of similar nature of system integration having minimum of Supply, installation and Commissioning of Mast/Tower, Wi-Fi Access Point, Router, LED Display order of the value of 1.5 Cr. or more in any State/Central Government/Government Agencies/PSU or Two Projects of 75 Lacs of similar nature of system integration having minimum of Supply, installation and Commissioning of Mast/Tower, Wi-Fi Access Point, Routers, LED Display, order of the value of 1 Cr. or more in any State/Central Government/Government Agencies/PSU	Please change this as ----- One Project of similar nature of system integration having minimum of Supply, installation and Commissioning or maintenance of Mast/Tower/ Wi-Fi Access Point/ Router/ LED Display order of the value of 1.5 Cr. or more in any State/Central Government/Government Agencies/PSU or Two Projects of 75 Lacs of similar nature of system integration having minimum of Supply, installation and Commissioning or maintenance of Mast/Tower, Wi-Fi Access Point/Routers/ LED Display, order of the value of 1 Cr. or more in any State/Central Government/Government Agencies/PSU			As per RFP		page no. 17 point no. VIII
Pre Bid Queries from bidders									
	Bidder Name	Product	Access Point Specifications		Required Modifications	Justification from Bidder	Response from JaKeGA	Justification	Page No & Annexure
12	M/s Comtech Group	Access Point	Dual-Band 802.11ac Wave 1 or better access points (meshed or wired). The directional angle for Wi-Fi signal dissemination is expected to be 120 degree with minimum of 150 Ft directional reach.						

13	M/s Comtech Group	Access Point	The APs should support the legacy 802.11b/g/n standards also in the 2.4 and in the 802.11a/n in 5 GHz Dual bands							
14	M/s Comtech Group	Access Point	Radio chains: streams 2x2:2. Min transmit power/EIRP 28dBm for both bands or better							
15	M/s Comtech Group	Access Point	Access Point should be support directional integrated antenna							
16	M/s Comtech Group	Access Point	The access point should provide aggregate 1 Gbps or more data-rate							
17	M/s Comtech Group	Access Point	AP shall have minimum 2 Gigabit Ethernet ports. With support for 10 /100/1000 Mbps with Full duplex support	Need to remove as it doesn't serve any purpose at this point in time. For expansion purpose there are already technologies			May be read as " AP shall have minimum 1 or more Gigabit Ethernet ports. With support for 10 /100/1000 Mbps with Full duplex support"		Page no. 28 S.no. 6	
18	M/s Comtech Group	Access Point	AP should be able to function as a stand-alone access point without the requirement of a controller							
19	M/s Comtech Group	Access Point	The APs Should be Support Wall/Pole mounting bracket							
20	M/s Comtech Group	Access Point	The access points should be centrally managed							
21	M/s Comtech Group	Access Point	AP should have -20 to +60 degree operating temperature.							
22	M/s Comtech Group	Access Point	AP should operate with 802.3af POE power with full MIMO.							
23	M/s Comtech Group	Access Point	AP shall be IP67 rated for operation in harsh outdoor environment of winter and summer							
24	M/s Comtech Group	Access Point	AP shall support LED visual status for device operation status and device status managed from controller							
25	M/s Comtech Group	Access Point	AP should provide power-over-ethernet to another device on its auxiliary ethernet port	Need to remove as it doesn't serve any purpose at this point in time. For expansion purpose there are already technologies			May be read "AP should provide power-over-ethernet to another device on its auxiliary ethernet port. In case said port with PoE is not available then bidder may provide one of external POE Injector with the Access point".		Page no. 28 S.no. 14	
26	M/s Comtech Group	Access Point	AP shall support minimum antenna gain of 10 dBi for 2.4 GHz radio and 12 dBi for 5 GHz radio for Directional Antenna device							
27	M/s Comtech Group	Access Point	AP shall support LTE co-existence with filter for rejecting interference on 2.4 GHz from adjacent LTE bands 38, 40 in out door deployments	Need to remove as it doesn't serve any purpose at this point in time. For expansion purpose there are already technologies			Accepted		Page no. 28 S.no. 16	
28	M/s Comtech Group	Access Point	AP should support up to 255 concurrent client associations							
29	M/s Comtech Group	Access Point	AP shall support Hotspot 2.0 (Passpoint)							
30	M/s Comtech Group	Access Point	AP shall support WPA-2 (802.11) security; WPA2-Enterprise (802.1x/EAP) & WPA2- Preshared-keys, Open authentication mechanisms							
31	M/s Comtech Group	Access Point	AP shall support MAC authentication for upto 1000 Mac per SSID. MAC authentication data base can be local to AP or at remote RADIUS server							
32	M/s Comtech Group	Access Point	AP shall support per client and as well per SSID rate limiting							
33	M/s Comtech Group	Access Point	AP shall support Wi-Fi WMM for traffic prioritization and UAPSD for power save.							
34	M/s Comtech Group	Access Point	AP shall support airtime fairness	Need to remove as it doesn't serve any purpose at this point in time. For expansion purpose there are already technologies			Accepted		Page no. 29 S.no. 44	
35	M/s Comtech Group	Access Point	AP shall support simultaneously MESH mode to serve MESH connection requirements and also regular WLAN for wireless clients to association							
36	M/s Comtech Group	Access Point	AP shall support MESH mode operation both on 2.4 GHz and 5 GHz bands							
37	M/s Comtech Group	Access Point	AP shall support Wi-Fi WMM QoS over MESH link							
38	M/s Comtech Group	Access Point	AP shall support layer 3 and layer 4 ACLs on MESH link for traffic control							
39	M/s Comtech Group	Access Point	AP shall support to drop L2 and L3 multicast and broadcast traffic on MESH link to minimize network congestion							
40	M/s Comtech Group	Access Point	AP should be Wi-Fi certified for WMM, WPA2, PMF, 802.11n, 802.11ac							
41	M/s Comtech Group	Access Point	FCC, CE EN 60601-1-2 (Medical EMC) UL2043 Plenum rated							
42	M/s Comtech Group	Access Point	AP shall support wall and pole mounting included							
				Pre Bid Queries from bidders			Response from JaKeGA, IT Department, J&K Government			
	Bidder Name	Queries	Video Conferencing Specification (MCU)	Compliance (Yes/No)	Required Modifications	Justification from Bidder	Response from JaKeGA	Justification	Page No & Annexure	
43	M/s Comtech Group	MCU	The conference MCU solution must support Direct Inward Dial to scheduled meetings	Vendor biased	It is specific to one brand ?? It should be removed as in every MCU there is a facility by administrator to create a room and to schedule meeting. This point seems to confuse to make it more vendor specific or let other vendors don't understand this point		May be read a "The conference MCU solution must support Direct Inward Dial to scheduled meetings. If the feature is not inbuilt in MCU then it may have a third party integration product that provides the said facility however the integration must be tested and smooth."		Page 33 & S.no 33 of MCU	
44	M/s Comtech Group	MCU	MCU should support audio ports on IP minimum 20 VoIP ports	Not required.. It is just to make other vendors out	It is specific to a single vendor and to make a generic, it needs to be removed. will provide audio only ports licenses in same number of video ports		VOIP Ports are necessary for the setup. Bidder to ensure that it quote the right product for MCU which has the said VOIP ports. Hence the clause may be read as " MCU should support audio ports on IP minimum 20 VoIP ports". or In case Bidder quotes an MCU which doesn't have this feature, then it may have a third party integration products that provides the number of VOIP ports as asked in RFP however the integration must be tested and smooth.		Page 32 & S.no 8 of MCU	

45	M/s Comtech Group	MCU	Minimum Bandwidth Required for Specified video quality at MCU End (Mbps)	Yes but minimum bandwidth to mention is a must. 384 kbps is supported by many vendors	should be minimum 384 kbps or 0.3 Mbps for better prospectus and keeping in mind remoteness of sites	As per RFP	The requirement is to support full HD resolution at the MCU end and the required bandwidth shall be made available by the user department to support this resolution.	Page 32 & S.no 5 of MCU
46	M/s Comtech Group	MCU	Minimum Bandwidth Required for Specified video quality at End point/far-site end (Mbps)	Yes but minimum bandwidth to mention is a must. 384 kbps is supported by many vendors	should be minimum 384 kbps or 0.3 Mbps for better prospectus and keeping in mind remoteness of sites	As per RFP	The requirement is to support full HD resolution at the end point level and the required bandwidth shall be made available by the user department to support this resolution.	Page 32 & S.no 6 of MCU
47	M/s Comtech Group	MCU	MCU solution support Microsoft Outlook/Google etc. scheduling with email notifications to individual participants	Yes but why with only outlook/google.. Let it be supported by any to make it generic	Customization needed It is a must for scalable solution and for expansions	May be read a "MCU solution support Microsoft Outlook/Google etc. scheduling with email notifications to individual participants. If the said feature is not directly available in MCU then bidder may have a third party integration product that provides the said facility however the integration must be tested and smooth."		Page 32 & S.no 30 of MCU
48	M/s Comtech Group	MCU	MCU management software is capable to send e-mail notification to all participants using Microsoft outlook / Google etc plug in	Yes	This is proprietary . Let it have option of customization needed with other the oem should be providing with mcu sending the notification via any of the mailing server or equivalent and not specific to outlook/google	May be read a "MCU management software is capable to send e-mail notification to all participants using Microsoft outlook / Google etc plug in. If the said feature is not directly available in MCU then bidder may have a third party integration product that provides the said facility however the integration must be tested and smooth."		Page 33 & S.no 35 of MCU
49	M/s Comtech Group	MCU	The desktop Client must be downloadable from central server or available on CD/USB	specifically put for charging more on browser based ..	Browser Based is more easy and advanced and appropriate and generic. Let it be client based/browser based. All compaines do have this facility but they later charge for this capability. Please put in addition to this feature with " or if OEM is providing clientless app should also be acceptable	May be read a "The desktop Client must be downloadable from central server or available on CD/USB or browser based."		Page 34 & S.no 42 of MCU
50	M/s Comtech Group	MCU	MCU should support IP connectivity for streaming and recording unit	specific to a particular vendor when best and advanced system in already available as part of the system in many OEMS	additional streaming server addition should be possible. mcu should be provided with streaming server with capability to stream atleast 5 parallel video sessions/VOD. It is more generic and will be comply with good and more compaines. The minimum users which can view the live streaming should be minimum 300 atleast in any permutation or combination	As per RFP	This is a support feature.	Page 34 & S.no 49 of MCU
Endpoint Type 1								
51	M/s Comtech Group	VC End Point	Mandatory registration with MCU	Not required	it is specific to single vendor	Accepted. May be read as "Registration with MCU not mandatory with the condition that seamless Video Conferencing among various participants doesn't get hampered"		34 & S.no 1 of VC Camera Type 1
52	M/s Comtech Group	VC End Point	The Video conferencing endpoint should support a single Non PTZ camera with Face Detection/ Automatic voice tracking capability.	No. PTZ Camera with Speaker Tracking Capability. 12X Optical Zoom.	voice tracking is limited to specific vendor. CVC Guidelines	As per RFP. Minimum specifications in the RFP. The bidder is free to offer a better product with higher specification.		34 & S. No 5 of VC Camera Type 1
53	M/s Comtech Group	VC End Point	The system should have a field of view range of minimum 85 degrees or higher so as to capture the participants properly.	No 72.5 degrees or higher	minimum 72.5 deg or higher.. 85 deg makes it specific to single vendor and it is something not to be compromised.	Accepted. The May be read as "The system should have a field of view range of minimum 70 degrees or higher so as to capture the participants properly"		Page No 35 & S. No 9 of VC Camera Type 1
54	M/s Comtech Group	VC End Point	The system should have integrated Wi Fi Connectivity so that the system can work on wireless network in the room.	No Wireless Not reliable LAN Port Connectivity is Preferred.		Wi-Fi is the essence of the project. Bidder to ensure that if the product it tends to quote doesn't have in built Wi-Fi then it may alternatively do so by turning it into a Wi-Fi client device using a third party integration solution. However the integration must be tested and smooth.		Page No 35 & S. No 19 of VC Camera Type 1
55	M/s Comtech Group	VC End Point	The system should have one Number of Video Input HDMI and one number of HDMI based Video output port. The system should also have a flexibility to connect with a laptop on a USB port to function as a Web Camera. The required cables for the same should be supplied.	more vendor specific.	let itbe multiple vendor integration so that multiple compaines participate	May be read as "The system should have minimum of one Number of Video Input HDMI and one number of HDMI based Video output port.The system should also have a flexibility to connect with a laptop on a USB port to function as a Web Camera. The required cables for the same should be supplied."		Page No 36 & S. No 27 of VC Camera Type 1
56	M/s Comtech Group	VC End Point	System supplied complete with the following components from the same OEM (a) Codec (b) Camera (c) At least one integrated Microphones with suitable connectivity (d) Remote Control/Touch Panel (e) Data sharing capability using H/W or S/W (f) Necessary Cables	more vendor specific.	let itbe multiple vendor integration so that multiple compaines participate	As per RFP.		Page No 36 & S. No 28 of VC Camera Type 1
Endpoint Type 2								
57	M/s Comtech Group	VC End Point	The system should have two Audio in over HDMI .	Partially Yes One Over HDMI and one over DV-I plus Audio in. 2 Over USB.	or audio in port hdmi/dvi	May be read as "The system should have two Audio in over HDMI or higher"		Page No 36 & S. No 9 of VC Equipment Type 2
58	M/s Comtech Group	VC End Point	Should support Standards-based: H.235 v3 and AES Encryption via Automatic key generation and exchange. The same should be available in a call with Video with presentation.	No	biased to one oem.. It is propriarty	As per RFP. Incase the bidder proposes a product which doesn't have this security feature, then it may mandatorily add a Next Generation Firewall (Enterprise class) for such functionality with capacity to handle 2 Gbps of mimum bandwidth throughput and scalable upto 10 Gbps or may provide alternate tested working solution with atleast one proven deployment in any Government Organization/PSU/Government Agency to meet the feature as per the RFP. Bidder to ensure all the communications to be secure as per the RFP feature.		Page No 36 & S. No 11 and 12 of VC Equipment Type 2

60	M/s Comtech Group	VC End Point	The Video conferencing endpoint should comprise of dual 10x optical zoom based automatic voice speaker tracking full HD camera/s, 80 degrees or more, full HD Codec, 6 Microphones, Touch Panel and necessary cables. These microphones could either be connected directly to the codec or externally.	Partially Yes 12x Optical Zoom 72.5 Degrees Viewing Angle. 4 Microphone support via cascading, IR remote.	most of the oem manufacturing end-points put 65 deg or moreso to make more cmpaines participate and make generic, we need to add atleast 72.5 deg as 80 dge will make it biased and it is not much a difference		The clause may be read as "The Video conferencing endpoint should comprise of dual 10x or 12x or higher optical zoom based automatic voice speaker tracking full HD camera/s, 70 or 80 degrees or more, full HD Codec, 4 or 6 or more Microphones, Touch Panel and necessary cables. These microphones could either be connected directly to the codec or cascaded."		Page No 36 & S. No 1 of VC Equipment Type 2
61	M/s Comtech Group	VC End Point	The system should have 3x HDMI/DVI ports to connect two or more cameras and 1 x PC/Computer .	Partially Yes 2x HDMI/DVI/3G-SDI Ports for camera. 1x HDMI/DVI for PC/Computer.	Why we need 3 display in one room .. Hence by putting 3xhdmi it is biased to one vendor. Two display is max in case of futuristic use and that will make it generic		May be read as "The system should have 3x HDMI/DVI ports to connect two or more cameras and 1 x PC/Computer. However atleast minimum of 2xHDMI/DVI ports are needed to connect to cameras and extra one no. of HDMI/DVI Ports may be added as an external hardware and integrate with the VC end point smoothly."		Page No 36 & S. No 6 of VC Equipment Type 2
Pre Bid Queries from bidders									
Response from JaKeGA, IT Department, J&K Government									
	Bidder Name	Product	Video Conferencing Specification (MCU)	Compliance (Yes/No)	Required Modifications	Justification from Bidder	Response from JaKeGA	Justification	Page No & Annexure
62	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	Dual-Band 802.11ac Wave 1 or better access points (meshed or wired). The directional angle for Wi-Fi signal dissemination is expected to be 120 degree with minimum of 150 Ft directional reach.						
63	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	The APs should support the legacy 802.11b/g/n standards also in the 2.4 and in the 802.11a/n in 5 GHz Dual bands						
64	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	Radio chains: streams 2x2:2. Min transmit power 28dBm for both bands or better		Request to please change the clause "Radio chains: streams 2x2:2. Min EIRP power 32dBm or Better."	As per WPC, they always talk about EIRP, more the EIRP, better the performance.	May be read as "Request to please change the clause "Radio chains: streams 2x2:2. Min EIRP power 28 dBm or Better."		Page no. 28 S.no. 3
65	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	Access Point should be support directional integrated antenna .						
66	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	The access point should provide aggregate 1 Gbps or more data-rate.						
67	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	AP shall have minimum 2 Gigabit Ethernet ports. With support for 10 /100/1000 Mbps with Full duplex support		Request to change the clause rto "AP shall have minimum 1 Gigabit Ethernet ports. "	Since the max throughput asked in the RFP is 1 Gbps, one ethernet port is good enough, two will unnecessary increase the cost of the project	May be read as " AP shall have minimum 1 or more Gigabit Ethernet ports. With support for 10 /100/1000 Mbps with Full duplex support"		Page no. 28 S.no. 6
68	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	AP should be able to function as a stand-alone access point without the requirement of a controller						
69	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	The APs Should be Support Wall/Pole mounting bracket						
70	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	The access points should be centrally managed						
71	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	AP should have -20 to +60 degree operating temperature.		Request to change the clause to "AP should have -20 to +55 degree operating temperature."	Since, J&K temperature never goes beyond 37-40 degree, max 50 to 55 degree is good enough	May be read as " "AP should have -20 to +55 degree operating temperature."		Page no. 28 S.no. 10
72	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	AP should operate with 802.3af POE power with full MIMO.						
73	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	AP shall be IP67 rated for operation in harsh outdoor environment of winter and summer.						
74	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	AP shall support LED visual status for device operation status and device status managed from controller						
75	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	AP should provide power-over-ethernet to another device on its auxiliary ethernet port		Request to please remove the clause.	This requirement, is not be required for outdoor deployment, moreover technically if you have aksed for AP to be powered by 802.3af power, it will not support PoE out on any of their ethernet port. And would require PoE+ to power the access point.	May be read "AP should provide power-over-ethernet to another device on its auxiliary ethernet port . Incase said port with PoE is not available then bidder may provide one no of external POE Injector with the Access point".		Page no. 28 S.no. 14
76	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	AP shall support minimum antenna gain of 10 dBi for 2.4 GHz radio and 12 dBi for 5 GHz radio for Directional Antenna device		Request to please remove the clause.	With directional antenna the coverage would limit to lesser area, resulting no coverage spread and would give bad user experience.	May be read as May be read as " AP shall support a minimum gain such that the Wi-Fi signal dissemination is able to reach a minimum of 150 Ft reach."		Page no. 28 S.no. 15
77	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	AP shall support LTE co-existence with filter for rejecting interference on 2.4 GHz from adjacent LTE bands 38, 40 in out door deployments		Request to please remove the clause.	Since LTE band is altogether a different frequency band, it does not make disturbance to 2.4 and 5Ghz so does not required.	Accepted		Page no. 28 S.no. 16
78	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	AP should support up to 255 concurrent client associations						
79	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	AP shall support Hotspot 2.0 (Passpoint)						
80	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	AP shall support WPA-2 (802.11i) security; WPA2-Enterprise (802.1x/EAP) & WPA2- Preshared-keys, Open authentication mechanisms						
81	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	AP shall support MAC authentication for upto 1000 Mac per SSID. MAC authentication data base can be local to AP or at remote RADIUS server						
82	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	AP shall support per client and as well per SSID rate limiting						
83	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	AP shall support Wi-Fi WMM for traffic prioritization and UAPSD for power save.						
84	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	AP shall support airtime fairness						

85	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	AP shall support simultaneously MESH mode to serve MESH connection requirements and also regular WLAN for wireless clients to association						
86	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	AP shall support MESH mode operation both on 2.4 GHz and 5 GHz bands						
87	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	AP shall support Wi-Fi WMM QoS over MESH link						
88	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	AP shall support layer 3 and layer 4 ACLs on MESH link for traffic control						
89	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	AP shall support to drop L2 and L3 multicast and broadcast traffic on MESH link to minimize network congestion						
90	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	AP should be Wi-Fi certified for WMM, WPA2, PMF, 802.11n, 802.11ac						
91	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	FCC, CE EN 60601-1-2 (Medical EMC) UL2043 Plenum rated	Request to please remove the clause.	UL2043 is the norm used for indoor AP and not for the outdoor aP	May be read as " FCC, CE and EN certified"			Page no. 28 S.no. 30
92	M/s Axis Infoline Pvt. Ltd. New Delhi	Access Point	AP shall support wall and pole mounting included						
Pre Bid Queries from bidders				Response from JaKeGA, IT Department, J&K Government					
	Bidder Name	Queries	Video Conferencing Specification (MCU)	Remarks/Compliance (Yes/No)	Required Modifications	Justification from Bidder	Response from JaKeGA	Justification	Page No & Annexure
93	Softel Solutions Pvt. Ltd. New Delhi	MCU	Minimum Bandwidth Required for Specified video quality at MCU End (Mbps)	Yes but minimum bandwidth to mention is a must. 384 kbps is supported by many vendors	should be minimim 384 kbps or 0.3 Mbps for better prospectus and keeping in mind remoteness of sites		As per RFP	The requirement is to support full HD resolution at the MCU end and the required bandwidth shall be made available by the user department to support this resolution.	Page 32 & S.no 5 of MCU
94	Softel Solutions Pvt. Ltd. New Delhi	MCU	Minimum Bandwidth Required for Specified video quality at End point/far-site end (Mbps)	Yes but minimum bandwidth to mention is a must. 384 kbps is supported by many vendors	should be minimim 384 kbps or 0.3 Mbps for better prospectus and keeping in mind remoteness of sites		As per RFP	The requirement is to support full HD resolution at the end point level and the required bandwidth shall be made available by the user department to support this resolution.	Page 32 & S.no 6 of MCU
95	Softel Solutions Pvt. Ltd. New Delhi	MCU	MCU should support audio ports on IP minimum 20 VoIP ports	Not required.. It is just to make other vendors out	It is specific to a single vendor and to make a generic, it needs to be removed.. will provide audio only ports licenses in same number of video ports		VOIP Ports are necessary for the setup. Bidder to ensure that it quote the right product for MCU which has the said VOIP ports. Hence the clause may be read as " MCU should support audio ports on IP minimum 20 VoIP ports". or Incase Bidder quotes an MCU which doesnt have this feature, then it may have a third party integration products that provides the number of VOIP ports as asked in RFP however the integration must be tested and smooth.		Page 32 & S.no 8 of MCU
96	Softel Solutions Pvt. Ltd. New Delhi	MCU	MCU solution support Microsoft Outlook/Google etc. scheduling with email notifications to individual participants	Yes but why with only outlook/google.. Let it be supported by any to make it generic	Customization needed it is a must for scalable solution and for expansions		May be read a "MCU solution support Microsoft Outlook/Google etc. scheduling with email notifications to individual participants. If the said feature is not directly available in MCU then bidder may have a third party integration product that provides the said facility however the integration must be tested and smooth."		Page 32 & S.no 30 of MCU
97	Softel Solutions Pvt. Ltd. New Delhi	MCU	The conference MCU solution must support Direct Inward Dial to scheduled meetings	Vendor biased	It is specific to one brand ?? It should be removed as in every MCU there is a facility by admintrator to create a room and to schedule meeting. This point seems to confuse to make it more vendor specific or let other vendors don't understand this point		May be read a "The conference MCU solution must support Direct Inward Dial to scheduled meetings. If the feature is not inbuilt in MCU then it may have a third party integration product that provides the said facility however the integration must be tested and smooth."		Page 33 & S.no 33 of MCU
98	Softel Solutions Pvt. Ltd. New Delhi	MCU	MCU management software is capable to send e-mail notification to all participants using Microsoft outlook / Google etc plug in	Yes	This is proprietary .. Let it have option of customization needed with other the oem should be providing with mcu sending the notification via any of the mailing server or equivalent and not specific to outlook/google		May be read a "MCU management software is capable to send e-mail notification to all participants using Microsoft outlook / Google etc plug in. If the said feature is not directly available in MCU then bidder may have a third party integration product that provides the said facility however the integration must be tested and smooth."		Page 33 & S.no 35 of MCU
99	Softel Solutions Pvt. Ltd. New Delhi	MCU	The desktop Client must be downloadable from central server or available on CD/USB	specifically put for charging more on browser based ..	Browser Based is more easy and advanced and appropriate and generic. Let it be client based/browser based. All compaines do have this facility but they later charge for this capability. Please put in addition to this feature with " or if OEM is providing clientless app should also be acceptable		May be read a "The desktop Client must be downloadable from central server or available on CD/USB or browser based."		Page 34 & S.no 42 of MCU
100	Softel Solutions Pvt. Ltd. New Delhi	MCU	MCU should support IP connectivity for streaming and recording unit	specific to a particular vendor when best and advanced system in already available as part of the system in many OEMS	additional streaming server addition should be possible, mcu should be provided with streaming server with capability to stream atleast 5 paralell video sessions/VOD. It is more generic and will be comply with good and more compaines. The minimum users which can view the live streaming should be minimum 300 atleast in any permutation or combination		May be read as "MCU should support IP connectivity for streaming and recording unit. If the said feature is not directly available in MCU then bidder may add additional streaming server with sufficient capacity, however integration must be tested and smooth."	This is a support feature.	Page 34 & S.no 49 of MCU

101	Softel Solutions Pvt. Ltd. New Delhi				Warranty already defined. Working of MCU	The OEM should have installation base in India of minimum one order of 100 Port on premise hardware/software MCU in Govt / PSU which should be successfully running in any State or Central Govt Department from last three years.	May be read as " On Site OEM Warranty for 05 years"	The MCU should have 5 years OEM product warranty.	34 & S. no 53 of MCU	
			OEM onsite warranty							
			Endpoint Type 1							
102	Softel Solutions Pvt. Ltd. New Delhi	VC End Point	Mandatory registration with MCU	Not required	Remove		Accepted. May be read as " Registration with MCU not mandatory with the condition that seamless Video Conferencing among various participants doesn't get hampered"		34 & S.no 1 of VC Camera Type 1	
103	Softel Solutions Pvt. Ltd. New Delhi	VC End Point	The Video conferencing endpoint should support a single Non PTZ camera with Face Detection/ Automatic voice tracking capability.	As PTZ with Voice Tracking Camera requirements will make tender generic and non biased also	The Video conferencing endpoint should support a PTZ Camera with Speaker Tracking Capability. 12X Optical Zoom.		As per RFP. Minimum specifications in the RFP. The bidder is free to offer a better product with higher specification.		34 & S. No 5 of VC Camera Type 1	
104	Softel Solutions Pvt. Ltd. New Delhi	VC End Point	The system should have a field of view range of minimum 85 degrees or higher so as to capture the participants properly.	The system should have a field of view range of minimum 70 degrees or higher so as to capture the participants properly.	The system should have a field of view range of minimum 70 degrees or higher so as to capture the participants properly.		Accepted. The May be read as " The system should have a field of view range of minimum 70 degrees or higher so as to capture the participants properly"		Page No 35 & S. No 9 of VC Camera Type 1	
105	Softel Solutions Pvt. Ltd. New Delhi	VC End Point	The system should have integrated Wi Fi Connectivity so that the system can work on wireless network in the room.	No Wireless Not reliable LAN Port Connectivity is Preferred which will eventually deteriorate the VC session audio video quality as in LAN the bandwidth fluctuation will not happen. Also in case of Wi Fi depending on wireless Modem location signal strength will vary which should not happen in VC at all.	The system should have LAN / Wi Fi Connectivity so that the system can work on LAN / Wi-Fi Network in the room.		Wi-Fi is the essence of the project. Bidder to ensure that if the product it tends to quote doesn't have in built Wi-Fi then it may alternatively do so by turning it into a Wi-Fi client device using a third party integration solution. However the integration must be tested and smooth.		Page No 35 & S. No 19 of VC Camera Type 1	
106	Softel Solutions Pvt. Ltd. New Delhi	VC End Point	The system should have one Number of Video Input HDMI and one number of HDMI based Video output port. The system should also have a flexibility to connect with a laptop on a USB port to function as a Web Camera. The required cables for the same should be supplied.	The camera should have USB port or USB capture card to be given	The system should have one Number of Video Input HDMI/ DVI and one number of HDMI based Video output port. The system should also have a flexibility to connect with a laptop on a USB port to function as a Web Camera by using additional capture card or directly. The required cables for the same should be supplied.		May be read as "The system should have minimum of one Number of Video Input HDMI and one number of HDMI based Video output port.The system should also have a flexibility to connect with a laptop on a USB port to function as a Web Camera. The required cables for the same should be supplied."		Page No 36 & S. No 27 of VC Camera Type 1	
107	Softel Solutions Pvt. Ltd. New Delhi	VC End Point	System supplied complete with the following components from the same OEM (a) Codec (b) Camera (c) At least one integrated Microphones with suitable connectivity (d) Remote Control/Touch Panel (e) Data sharing capability using H/W or S/W (f) Necessary Cables	Touch Panel Control should be removed as it will add additional cost for the client unnecessarily	System supplied complete with the following components from the same OEM (a) Codec (b) Camera (c) At least one integrated Microphones with suitable connectivity (d) Remote Control (e) Data sharing capability using H/W or S/W (f) Necessary Cables		As per RFP.		Page No 36 & S. No 28 of VC Camera Type 1	
			Endpoint Type 2							
108	Softel Solutions Pvt. Ltd. New Delhi	VC End Point	The Video conferencing endpoint should comprise of dual 10x optical zoom based automatic voice speaker tracking full HD camera's, 80 degrees or more, full HD Codec, 6 Microphones, Touch Panel and necessary cables. These microphones could either be connected directly to the codec or externally.	As Most of VC End Points OEM Provides the 72.5 Degree Filed of View hence to incorporate those also the same need to be allowed. Also for the generic VC Room for this project the 10 - 12 Degree Field of View will not make any difference as Camera asked in project tender specifications is PTZ Only with Voice Tracking Capability. Also as for the VC Rooms the Maximum 4 Microphones are more than enough for 60 -70 Seater Rooms hence more than that microphones are not recommended. Also the VC end points all major OEM Provide not more than 4 Microphone connectivity except one or two hence to make project specifications generic same changes are requested to get incorporated. Also the Touch panel requirements is not their as same can be operated via IR Remote Only.	The Video conferencing endpoint should comprise of dual 12x optical zoom based automatic voice speaker tracking full HD camera's, 70 degrees or more, full HD Codec, 4 Microphones, Touch Panel and necessary cables. These microphones could either be connected directly to the codec or cascaded.		The clause may be read as "The Video conferencing endpoint should comprise of dual 10x or 12x or higher optical zoom based automatic voice speaker tracking full HD camera's, 70 or 80 degrees or more, full HD Codec, 4 or 6 or more Microphones, Touch Panel and necessary cables. These microphones could either be connected directly to the codec or cascaded"		Page No 36 & S. No 1 of VC Equipment Type 2	
109	Softel Solutions Pvt. Ltd. New Delhi	VC End Point		Point is shown bank in tender PDF	Remove		Accepted			
110	Softel Solutions Pvt. Ltd. New Delhi	VC End Point	The system should have 3x HDMI/DVI ports to connect two or more cameras and 1 x PC/Computer .	Keeping the conference room size in view of each location Max the system should be asked to have 2x HDMI/DVI/3G-SDI Ports for camera & 1x HDMI/DVI for PC/Computer. Along with it will make tender generic and allowing the all reputed VC End Point OEM to comply for this project.	The system should have 2x HDMI/DVI/3G-SDI Ports for camera. 1x HDMI/DVI for PC/Computer.		May be read as "The system should have 3xHDMI/DVI ports to connect two or more cameras and 1 x PC/Computer. However atleast minimum of 2xHDMI/DVI ports are needed to connect to cameras and extra one no. of HDMI/DVI Ports may be added as an external hardware and integrate with the VC end point smoothly."		Page No 36 & S. No 6 of VC Equipment Type 2	
111	Softel Solutions Pvt. Ltd. New Delhi	VC End Point	The system should have two Audio in over HDMI .	As diffrct OEM uses difrent ports for Audio Input hence the combination of recommended specifications will make maximum OEM to comply for Bid rather than 1 or 2 OEM specific.	The system should have One Over HDMI & one over DVI+ plus Audio in, 2 Over USB or either of combination of these to be provided.		As per RFP		Page No 36 & S. No 9 of VC Equipment Type 2	
112	Softel Solutions Pvt. Ltd. New Delhi	VC End Point	Should support Standards-based: H.235 v3 and AES Encryption via Automatic key generation and exchange. The same should be available in a call with Video with presentation.	One OEM Proprietary / Specific as already for the VC end Point. Also for VC End Point 128 Bit Data Encryption in industry standard hence any other standard OEM specific should be removed to make bid generic.	Remove		As per RFP. In case the bidder proposes a product which doesn't have this security feature, then it may mandatorily add a Next Generation Firewall (Enterprise class) for such functionality with capacity to handle 2 Gbps of mimum bandwidth throughput and scalable upto 10 Gbps or may provide alternate tested working solution with atleast one proven deployment in any Government Organization/PSU/Government Agency to meet the feature as per the RFP. Bidder to ensure all the communications to be secure as per the RFP feature.		Page No 36 & S. No 11 and 12 of VC Equipment Type 2	
			Pre Bid Queries from bidders			Response from JaKeGA, IT Department, J&K Government				
Bidder Name	Queries	Video Conferencing Specification (MCU)		Remarks/Compliance (Yes/No)	Required Modifications	Justification from Bidder	Response from JaKeGA		Justification	Page No & Annexure

113	Email from domain of stagnetworks.com	MCU	Minimum Bandwidth Required for Specified video quality at MCU End (Mbps)	Required Changes are requested to all the maximum reknown brands can get oppurtunity for the project bid.	Minimum Bandwidth Required for Specified video quality at MCU End 384 kbps.		As per RFP	The requirement is to support full HD resolution at the MCU end and the required bandwidth shall be made avaiable by the user department to support this resolution.	Page 32 & S.no 5 of MCU
114	Email from domain of stagnetworks.com	MCU	Minimum Bandwidth Required for Specified video quality at End point/far-site end (Mbps)	Required Changes are requested to all the maximum reknown brands can get oppurtunity for the project bid.	Minimum Bandwidth Required for Specified video quality at End point/far-site end 384 Kbps		As per RFP	The requirement is to support full HD resolution at the end point level and the required bandwidth shall be made avaiable by the user department to support this resolution.	Page 32 & S.no 6 of MCU
115	Email from domain of stagnetworks.com	MCU	MCU should support audio ports on IP minimum 20 VoIP ports	The point is OEM Proprietary / Specific. It is specific to a single vendor and to make a generic, it needs to be removed	Remove			VOIP Ports are necessary for the setup. Bidder to ensure that it quote the right product for MCU which has the said VOIP ports. Hence the clause may be read as " MCU should support audio ports on IP minimum 20 VoIP ports". or Incase Bidder quotes an MCU which doesnt have this feature, then it may have a third party integration products that provides the number of VOIP ports as asked in RFP however the integration must be tested and smooth.	Page 32 & S.no 8 of MCU
116	Email from domain of stagnetworks.com	MCU	MCU solution support Microsoft Outlook/Google etc. scheduling with email notifications to individual participants	Yes but why with only outlook/google. Let it be supported by any to make it generic	MCU solution support scheduling with email notifications to individual participants			May be read a "MCU solution support Microsoft Outlook/Google etc. scheduling with email notifications to individual participants. If the said feature is not directly avaiable in MCU then bidder may have a third party integration product that provides the said facility however the integration must be tested and smooth."	Page 32 & S.no 30 of MCU
117	Email from domain of stagnetworks.com	MCU	The conference MCU solution must support Direct Inward Dial to scheduled meetings	It is specific to one brand ?? It should be removed as in every MCU there is a facility by admin to create a room and to schedule meeting. This point seems to confuse to make it more vendor specific or let other vendors don't understand this point	Remove			May be read a "The conference MCU solution must support Direct Inward Dial to scheduled meetings. If the feature is not inbuilt in MCU then it may have a third party integration product that provides the said facility however the integration must be tested and smooth."	Page 33 & S.no 33 of MCU
118	Email from domain of stagnetworks.com	MCU	MCU management software is capable to send e-mail notification to all participants using Microsoft outlook / Google etc. plug in	This is proprietary Let it have option of customization needed with other the oem should be providing with mcu sending the notification via any of the mailing server or equivalent and not specific to outlook/google	MCU management software is capable to send e-mail notification to all participants.			May be read a "MCU management software is capable to send e-mail notification to all participants using Microsoft outlook / Google etc plug in. If the said feature is not directly avaiable in MCU then bidder may have a third party integration product that provides the said facility however the integration must be tested and smooth."	Page 33 & S.no 35 of MCU
119	Email from domain of stagnetworks.com	MCU	The desktop Client must be downloadable from central server or available on CD/USB	Browser Based is more easy and advanced and appropriate and generic. Let it be client based/browser based. All companies do have this facility but they later charge for this capability. Please put in addition to this feature with " or if OEM is providing clientless app should also be acceptable	The desktop Client must be downloadable from central server or available on CD/USB or Clientless Application Solution is acceptable too.			May be read a "The desktop Client must be downloadable from central server or available on CD/USB or browser based."	Page 34 & S.no 42 of MCU
120	Email from domain of stagnetworks.com	MCU	MCU should support IP connectivity for streaming and recording unit	Additional streaming server addition should be possible, mcu should be provided with streaming server with capability to stream atleast 5 parallel Video sessions/VOD. It is more generic and will be comply with good and more companies. The minimum users which can view the live streaming should be minimum 300 atleast in any permutation or combination	MCU should be provided with IP connectivity for streaming and recording unit with capability to stream atleast 5 parallel video sessions/VOD. The minimum users which can view the live streaming should be minimum 300 atleast in any permutation or combination.			May be read as "MCU should support IP connectivity for streaming and recording unit. If the said feature is not directly avaiable in MCU then bidder may add additional streaming server with sufficient capacity, however integration must be tested and smooth."	This is a support feature. Page 34 & S.no 49 of MCU
121	Email from domain of stagnetworks.com	MCU	On Site OEM Warranty (Year)	Warranty already defined. Working of MCU	The OEM should have installation base in India of minimum one order of 100 Port on premise hardware/software MCU in Govt / PSU which should be successfully running in any State or Central Govt Department from last three years.			May be read as " On Site OEM Warranty for 05 years"	The MCU should have 5 years OEM product warranty. 34 & S. no 53 of MCU
Specifications of Video Conference Camera Type 1									
122	Email from domain of stagnetworks.com	VC End Point	Mandatory registration with MCU	Not required	Remove			Accepted. May be read as " Registration with MCU not mandatory with the condition that seamless Video Conferencing among various participants doesn't get hampered"	34 & S.no 1 of VC Camera Type 1
123	Email from domain of stagnetworks.com	VC End Point	The Video conferencing endpoint should support a single Non PTZ camera with Face Detection/ Automatic voice tracking capability.	As PTZ with Voice Tracking Camera requirements will make tender generic and non biased also	The Video conferencing endpoint should support a PTZ Camera with Speaker Tracking Capability. 12X Optical Zoom.			As per RFP. We have mentioned minimum specifications in the RFP. The bidder is free to offer a better product with higher specification.	34 & S. No 5 of VC Camera Type 1
124	Email from domain of stagnetworks.com	VC End Point	The system should have a field of view range of minimum 85 degrees or higher so as to capture the participants properly.	The system should have a field of view range of minimum 70 degrees or higher so as to capture the participants properly.	The system should have a field of view range of minimum 70 degrees or higher so as to capture the participants properly.			Accepted. The May be read as " The system should have a field of view range of minimum 70 degrees or higher so as to capture the participants properly"	Page No 35 & S. No 9 of VC Camera Type 1
125	Email from domain of stagnetworks.com	VC End Point	The system should have integrated Wi Fi Connectivity so that the system can work on wireless network in the room.	No Wireless Not reliable LAN Port Connectivity is Preferred which will eventually deteriorate the VC session audio video quality as in LAN the bandwidth fluctuation will not happen. Also in case of Wi Fi depending on wireless Modem location signal strength will vary which should not happen in VC at all.	The system should have LAN / Wi Fi Connectivity so that the system can work on LAN / Wi-Fi Network in the room.			Wi-Fi is the essence of the project. Bidder to ensure that if the product it tends to quote doesn't have in built Wi-Fi then it may alternatively do so by turning it into a Wi-Fi client device using a third party integration solution. However the integration must be tested and smooth.	Page No 35 & S. No 19 of VC Camera Type 1

126	Email from domain of stagnetworks.com	VC End Point	The system should have one Number of Video Input HDMI and one number of HDMI based Video output port. The system should also have a flexibility to connect with a laptop on a USB port to function as a Web Camera. The required cables for the same should be supplied.	The camera should have USB port or USB capture card to be given	The system should have one Number of Video Input HDMI / DVI and one number of HDMI based Video output port. The system should also have a flexibility to connect with a laptop on a USB port to function as a Web Camera by using additional capture card or directly. The required cables for the same should be supplied.		May be read as "The system should have minimum of one Number of Video Input HDMI and one number of HDMI based Video output port.The system should also have a flexibility to connect with a laptop on a USB port to function as a Web Camera. The required cables for the same should be supplied."		Page No 36 & S. No 27 of VC Camera Type 1	
127	Email from domain of stagnetworks.com	VC End Point	System supplied complete with the following components from the same OEM (a) Codec (b) Camera (c) At least one integrated Microphones with suitable connectivity (d) Remote Control/Touch Panel (e) Data sharing capability using H/W or S/W (f) Necessary Cables	Touch Panel Control should be removed as it will add additional cost for the client unnecessarily	System supplied complete with the following components from the same OEM (a) Codec (b) Camera (c) At least one integrated Microphones with suitable connectivity (d) Remote Control (e) Data sharing capability using H/W or S/W (f) Necessary Cables		As per RFP.		Page No 36 & S. No 28 of VC Camera Type 1	
128	Email from domain of stagnetworks.com	VC End Point								
		VC End Point	Specifications of Video conferencing Equipment for Larger Conference rooms - Type 2							
129	Email from domain of stagnetworks.com	VC End Point	The Video conferencing endpoint should comprise of dual 10x optical zoom based automatic voice speaker tracking full HD camera/s, 80 degrees or more, full HD Codec, 6 Microphones, Touch Panel and necessary cables. These microphones could either be connected directly to the codec or externally.	As Most of VC End Points OEM Provides the 72.5 Degree Filed of View hence to incorporate those also the same need to be allowed. Also for the generic VC Room for this project the 10 - 12 Degree Field of View will not make any difference as Camera asked in project tender specifications is PTZ Only with Voice Tracking Capability. Also as for the VC Rooms the Maximum 4 Microphones are more than enough for 60 -70 Seater Rooms hence more than that microphones are not recommended. Also the VC end points all major OEM Provide not more than 4 Microphone connectivity except one or two hence to make project specifications generic same changes are requested to get incorporated. Also the Touch panel requirements is not their as same can be operated via IR Remote Only.	The Video conferencing endpoint should comprise of dual 12x optical zoom based automatic voice speaker tracking full HD camera/s, 70 degrees or more, full HD Codec, 4 Microphones, Touch Panel and necessary cables. These microphones could either be connected directly to the codec or cascaded.		The clause may be read as "The Video conferencing endpoint should comprise of dual 10x or 12x or higher optical zoom based automatic voice speaker tracking full HD camera/s, 70 or 80 degrees or more, full HD Codec, 4 or 6 or more Microphones, Touch Panel and necessary cables. These microphones could either be connected directly to the codec or cascaded"		Page No 36 & S. No 1 of VC Equipment Type 2	
130	Email from domain of stagnetworks.com	VC End Point	3	Point is shown bank in tender PDF	Remove		Accepted			
131	Email from domain of stagnetworks.com	VC End Point	The system should have 3x HDMI/DVI ports to connect two or more cameras and 1 x PC/Computer .	Keeping the conference room size in view of each location Max the system should be asked to have 2x HDMI/DVI/3G-SDI Ports for camera & 1x HDMI/DVI for PC/Computer. Along with it will make tender generic and allowing the all reputed VC End Point OEM to comply for this project.	The system should have 2x HDMI/DVI/3G-SDI Ports for camera. 1x HDMI/DVI for PC/Computer.		May be read as "The system should have 3x HDMI/DVI ports to connect two or more cameras and 1 x PC/Computer. However atleast minimum of 2XHDMI/DVI ports are needed to connect to cameras and extra one no. of HDMI/DVI Ports may be added as an external hardware and integrate with the VC end point smoothly."		Page No 36 & S. No 6 of VC Equipment Type 2	
132	Email from domain of stagnetworks.com	VC End Point	The system should have two Audio in over HDMI .	As difrenct OEM uses difrent ports for Audio Input hence the combination of recommended specifications will make maximum OEM to comply for Bid rather than 1 or 2 OEM specific.	The system should have One Over HDMI & one over DVI+ plus Audio in, 2 Over USB or either of combination of these to be provided.		As per RFP		Page No 36 & S. No 9 of VC Equipment Type 2	
133	Email from domain of stagnetworks.com	VC End Point	Should support Standards-based: H.235 v3 and AES Encryption via Automatic key generation and exchange. The same should be available in a call with Video with presentation.	One OEM Proprietary / Specific as already for the VC end Point. Also for VC End Point 128 Bit Data Encryption in industry standard hence any other standard OEM specific should be removed to make bid generic.	Remove		As per RFP. Incase the bidder proposes a product which doesn't have this security feature, then it may mandatorily add a Next Generation Firewall (Enterprise class) for such functionality with capacity to handle 2 Gbps of mimum bandwidth throughput and scalable upto 10 Gbps or may provide alternate tested working solution with atleast one proven deployment in any Government Organization/PSU/Government Agency to meet the feature as per the RFP. Bidder to ensure all the communications to be secure as per the RFP feature.		Page No 36 & S. No 11 and 12 of VC Equipment Type 2	
			Specifications of Access Point							
134	Email from domain of stagnetworks.com	Access Point	Dual-Band 802.11ac Wave 1 or better access points (meshed or wired). The directional angle for Wi-Fi signal dissemination is expected to be 120 degree with minimum of 150 Ft directional reach.	Yes						
135	Email from domain of stagnetworks.com	Access Point	The APs should support the legacy 802.11b/g/n standards also in the 2.4 and in the 802.11a/n in 5 GHz Dual bands	Yes						
136	Email from domain of stagnetworks.com	Access Point	Radio chains: streams 2x2:2. Min transmit power/EIRP 28dBm for both bands or better	Yes						
137	Email from domain of stagnetworks.com	Access Point	Access Point should be support directional integrated antenna	Yes						
138	Email from domain of stagnetworks.com	Access Point	The access point should provide aggregate 1 Gbps or more data-rate	Yes						
139	Email from domain of stagnetworks.com	Access Point	AP shall have minimum 2 Gigabit Ethernet ports. With support for 10 /100/1000 Mbps with Full duplex support	Biased to a particular vendor	Need to remove as it doesn't serve any purpose at this point in time. For expansion purpose there are already technologies		May be read as " AP shall have minimum 1 or more Gigabit Ethernet ports. With support for 10 /100/1000 Mbps with Full duplex support"		Page no. 28 S.no. 6	
140	Email from domain of stagnetworks.com	Access Point	AP should be able to function as a stand-alone access point without the requirement of a controller	Yes						
141	Email from domain of stagnetworks.com	Access Point	The APs Should be Support Wall/Pole mounting bracket	Yes						

142	Email from domain of stagnetworks.com	Access Point	The access points should be centrally managed	Yes				
143	Email from domain of stagnetworks.com	Access Point	AP should have -20 to +60 degree operating temperature.	Yes				
144	Email from domain of stagnetworks.com	Access Point	AP should operate with 802.3af POE power with full MIMO.	Yes				
145	Email from domain of stagnetworks.com	Access Point	AP shall be IP67 rated for operation in harsh outdoor environment of winter and summer	Yes				
146	Email from domain of stagnetworks.com	Access Point	AP shall support LED visual status for device operation status and device status managed from controller	Yes				
147	Email from domain of stagnetworks.com	Access Point	AP should provide power-over-ethernet to another device on its auxiliary ethernet port	Biased to a particular vendor	Need to remove as it doesn't serve any purpose at this point in time. For expansion purpose there are already technologies		May be read "AP should provide power-over-ethernet to another device on its auxiliary ethernet port . In case said port with PoE is not available then bidder may provide one no of external POE Injector with the Access point".	Page no. 28 S.no. 14
148	Email from domain of stagnetworks.com	Access Point	AP shall support minimum antenna gain of 10 dBi for 2.4 GHz radio and 12 dBi for 5 GHz radio for Directional Antenna device	Yes				
149	Email from domain of stagnetworks.com	Access Point	AP shall support LTE co-existence with filter for rejecting interference on 2.4 GHz from adjacent LTE bands 38, 40 in out door deployments	Biased to a particular vendor	Need to remove as it doesn't serve any purpose at this point in time. For expansion purpose there are already technologies		Accepted	Page no. 28 S.no. 16
150	Email from domain of stagnetworks.com	Access Point	AP should support up to 255 concurrent client associations	Yes				
151	Email from domain of stagnetworks.com	Access Point	AP shall support Hotspot 2.0 (Passpoint)	Yes				
152	Email from domain of stagnetworks.com	Access Point	AP shall support WPA-2 (802.11i) security, WPA2-Enterprise (802.1x/EAP) & WPA2- Preshared-keys, Open authentication mechanisms	Yes				
153	Email from domain of stagnetworks.com	Access Point	AP shall support MAC authentication for upto 1000 Mac per SSID. MAC authentication data base can be local to AP or at remote RADIUS server	Yes				
154	Email from domain of stagnetworks.com	Access Point	AP shall support per client and as well per SSID rate limiting	Yes				
155	Email from domain of stagnetworks.com	Access Point	AP shall support Wi-Fi WMM for traffic prioritization and UAPSD for power save.	Yes				
156	Email from domain of stagnetworks.com	Access Point	AP shall support airtime fairness	Biased to a particular vendor	Need to remove as it doesn't serve any purpose at this point in time. For expansion purpose there are already technologies		Accepted	Page no. 29 S.no. 44
157	Email from domain of stagnetworks.com	Access Point	AP shall support simultaneously MESH mode to serve MESH connection requirements and also regular WLAN for wireless clients to association	Yes				
158	Email from domain of stagnetworks.com	Access Point	AP shall support MESH mode operation both on 2.4 GHz and 5 GHz bands	Yes				
159	Email from domain of stagnetworks.com	Access Point	AP shall support Wi-Fi WMM QoS over MESH link	Yes				
160	Email from domain of stagnetworks.com	Access Point	AP shall support layer 3 and layer 4 ACLs on MESH link for traffic control	Yes				
161	Email from domain of stagnetworks.com	Access Point	AP shall support to drop L2 and L3 multicast and broadcast traffic on MESH link to minimize network congestion	Yes				
162	Email from domain of stagnetworks.com	Access Point	AP should be Wi-Fi certified for WMM, WPA2, PMF, 802.11n, 802.11ac	Yes				
163	Email from domain of stagnetworks.com	Access Point	FCC, CE EN 60601-1-2 (Medical EMC) UL2043 Plenum rated	Yes				
164	Email from domain of stagnetworks.com	Access Point	AP shall support wall and pole mounting included	Yes				

Pre Bid Queries from bidders					Response from JaKeGA, IT Department, J&K Government			
Bidder Name	Product	Access Point Specifications	Required Modifications	Justification from Bidder	Response from JaKeGA	Justification	Page No & Annexure	
165	Ritcom Systems and Services	Access Point Dual-Band 802.11ac Wave 1 or better access points (meshed or wired). The directional angle for Wi-Fi signal dissemination is expected to be 120 degree with minimum of 150 Ft directional reach.	Request to please change the clause "Dual-Band 802.11ac Wave 2 or better access points (meshed or wired)."	Wave 2 is the advance version, of 802.11ac, with better algorithms to handle interference, also With directional antenna the coverage would limit to lesser area, resulting no coverage spread and would give bad user experience."	May be read as " Dual-Band 802.11ac Wave 2 or better access points (meshed or wired). The Wi-Fi signal dissemination is expected to be minimum of 150 Ft reach."		Page no. 28 S.no. 1	
166	Ritcom Systems and Services	Access Point The APs should support the legacy 802.11b/g/n standards also in the 2.4 and in the 802.11a/n in 5 GHz Dual bands					Page no. 28 S.no. 2	
167	Ritcom Systems and Services	Access Point Radio chains: streams 2x2:2. Min transmit power 28dBm for both bands or better	Request to please change the clause "Radio chains: streams 2x2:2. Min EIRP power 32dBm or Better."	As per WPC, they always talk about EIRP, more the EIRP, better the performance.	May be read as "Request to please change the clause "Radio chains: streams 2x2:2. Min EIRP power 28 dBm or Better."		Page no. 28 S.no. 3	
168	Ritcom Systems and Services	Access Point Access Point should be support directional integrated antenna						
169	Ritcom Systems and Services	Access Point The access point should provide aggregate 1 Gbps or more data-rate.						

170	Ritcom Systems and Services	Access Point	AP shall have minimum 2 Gigabit Ethernet ports. With support for 10/100/1000 Mbps with Full duplex support	Request to change the clause rto "AP shall have minimum 1 Gqabit Ethernet ports."	Since the max throughput asked in the RFP is 1Gbps, one ethernet port is good enough, two will unnecessary increase the cost of the project	May be read as "AP shall have minimum 1 or more Gigabit Ethernet ports. With support for 10/100/1000 Mbps with Full duplex support"	Page no. 28 S.no. 6	
171	Ritcom Systems and Services	Access Point	AP should be able to function as a stand-alone access point without the requirement of a controller					
172	Ritcom Systems and Services	Access Point	The APs Should be Support Wall/Pole mounting bracket					
173	Ritcom Systems and Services	Access Point	The access points should be centrally managed					
174	Ritcom Systems and Services	Access Point	AP should have -20 to +60 degree operating temperature.	Request to change the clause to "AP should have -20 to +55 degree operating temperature."	Since, J&K temperature never goes beyond -37-40 degree, max 50 to 55 degree is good enough	May be read as "AP should have -20 to +55 degree operating temperature."	Page no. 28 S.no. 10	
175	Ritcom Systems and Services	Access Point	AP should operate with 802.3af POE power with full MIMO.					
176	Ritcom Systems and Services	Access Point	AP shall be IP67 rated for operation in harsh outdoor environment of winter and summer.					
177	Ritcom Systems and Services	Access Point	AP shall support LED visual status for device operation status and device status managed from controller					
178	Ritcom Systems and Services	Access Point	AP should provide power-over-ethernet to another device on its auxiliary ethernet port	Request to please remove the clause.	This requirement, is not be required for outdoor deployment, moreover technically if you have aksed for AP to be powered by 802.3af power, it will not support PoE out on any of their ethernet port. And would require PoE+ to power the access point.	May be read "AP should provide power-over-ethernet to another device on its auxiliary ethernet port. Incase said port with PoE is not avaiable then bidder may provide one no of external POE Injector with the Access point".	Page no. 28 S.no. 14	
179	Ritcom Systems and Services	Access Point	AP shall support minimum antenna gain of 10 dBi for 2.4 GHz radio and 12 dBi for 5 GHz radio for Directional Antenna device	Request to please remove the clause.	With directional antenna the coverage would limit to lesser area, resulting no coverage spread and would give bad user experience.	May be read as May be read as " AP shall support a minimum gain such that the Wi-Fi signal dissemination is able to reach a minimum of 150 Ft reach."	Page no. 28 S.no. 15	
180	Ritcom Systems and Services	Access Point	AP shall support LTE co-existence with filter for rejecting interference on 2.4 GHz from adjacent LTE bands 38, 40 in out door deployments	Request to please remove the clause.	Since LTE band is altogether a different frequency band, it does not make disturbance to 2.4 and 5Ghz so does not required.	Accepted	Page no. 28 S.no. 16	
181	Ritcom Systems and Services	Access Point	AP should support up to 255 concurrent client associations					
182	Ritcom Systems and Services	Access Point	AP shall support Hotspot 2.0 (Passpoint)					
183	Ritcom Systems and Services	Access Point	AP shall support WPA-2 (802.11i) security; WPA2-Enterprise (802.1x/EAP) & WPA2- Preshared-keys, Open authentication mechanisms					
184	Ritcom Systems and Services	Access Point	AP shall support MAC authentication for upto 1000 Mac per SSID. MAC authentication data base can be local to AP or at remote RADIUS server					
185	Ritcom Systems and Services	Access Point	AP shall support per client and as well per SSID rate limiting					
186	Ritcom Systems and Services	Access Point	AP shall support Wi-Fi WMM for traffic prioritization and UAPSD for power save.					
187	Ritcom Systems and Services	Access Point	AP shall support airlime fairness					
188	Ritcom Systems and Services	Access Point	AP shall support simultaneously MESH mode to serve MESH connection requirements and also regular WLAN for wireless clients to association					
189	Ritcom Systems and Services	Access Point	AP shall support MESH mode operation both on 2.4 GHz and 5 GHz bands					
190	Ritcom Systems and Services	Access Point	AP shall support Wi-Fi WMM QoS over MESH link					
191	Ritcom Systems and Services	Access Point	AP shall support layer 3 and layer 4 ACLs on MESH link for traffic control					
192	Ritcom Systems and Services	Access Point	AP shall support to drop L2 and L3 multicast and broadcast traffic on MESH link to minimize network congestion					
193	Ritcom Systems and Services	Access Point	AP should be Wi-Fi certified for WMM, WPA2, PMF, 802.11n, 802.11ac					
194	Ritcom Systems and Services	Access Point	FCC, CE EN 60601-1-2 (Medical EMC) UL2043 Plenum rated	Request to please remove the clause.	UL2043 is the norm used for indoor AP and not for the outdoor AP.	May be read as " FCC, CE and EN certified"	Page no. 28 S.no. 30	
195	Ritcom Systems and Services	Access Point	AP shall support wall and pole mounting included					
Pre Bid Queries from bidders				Response from JaKeGA, IT Department, J&K Government				
	Bidder Name	Product	Access Point Specifications	Required Modifications	Justification from Bidder	Response from JaKeGA	Justification	Page No & Annexure
196	M/s BIPS Sytems	Access Point	Dual-Band 802.11ac Wave 1 or better access points (meshed or wired). The directional angle for Wi-Fi signal dissemination is expected to be 120 degree with minimum of 150 Ft directional reach.					
197	M/s BIPS Sytems	Access Point	The APs should support the legacy 802.11b/g/n standards also in the 2.4 and in the 802.11a/n in 5 GHz Dual bands					
198	M/s BIPS Sytems	Access Point	Radio chains: streams 2x2:2. Min transmit power 28dBm for both bands or better	Request to please change the clause "Radio chains: streams 2x2:2. Min EIRP power 32dBm or Better."	As per WPC, they always talk about EIRP, more the EIRP, better the performance.	May be read as "Request to please change the clause "Radio chains: streams 2x2:2. Min EIRP power 28 dBm or Better."		Page no. 28 S.no. 3
199	M/s BIPS Sytems	Access Point	Access Point should be support directional integrated antenna.					
200	M/s BIPS Sytems	Access Point	The access point should provide aggregate 1 Gbps or more data-rate.					
201	M/s BIPS Sytems	Access Point	AP shall have minimum 2 Gigabit Ethernet ports. With support for 10/100/1000 Mbps with Full duplex support	Request to change the clause rto "AP shall have minimum 1 Gqabit Ethernet ports."	Since the max throughput asked in the RFP is 1Gbps, one ethernet port is good enough, two will unnecessary increase the cost of the project	May be read as " AP shall have minimum 1 or more Gigabit Ethernet ports. With support for 10/100/1000 Mbps with Full duplex support"	Page no. 28 S.no. 6	

202	M/s BIPS Sytems	Access Point	AP should be able to function as a stand-alone access point without the requirement of a controller						
203	M/s BIPS Sytems	Access Point	The APs Should be Support Wall/Pole mounting bracket						
204	M/s BIPS Sytems	Access Point	The access points should be centrally managed						
205	M/s BIPS Sytems	Access Point	AP should have -20 to +60 degree operating temperature.	Request to change the clause to "AP should have -20 to +55 degree operating temperature."	Since ,J&K temperature never goes beyond 37-40 degree, max 50 to 55 degree is good enough	May be read as "AP should have -20 to +55 degree operating temperature."		Page no. 28 S.no. 10	
206	M/s BIPS Sytems	Access Point	AP should operate with 802.3af POE power with full MIMO.						
207	M/s BIPS Sytems	Access Point	AP shall be IP67 rated for operation in harsh outdoor environment of winter and summer.						
208	M/s BIPS Sytems	Access Point	AP shall support LED visual status for device operation status and device status managed from controller						
209	M/s BIPS Sytems	Access Point	AP should provide power-over-ethernet to another device on its auxiliary ethernet port	Request to please remove the clause.	This requirement, is not be required for outdoor deployment, moreover technically if you have aksed for AP to be powered by 802.3af power, it will not support PoE out on any of their ethernet port. And would require PoE+ to power the access point.	May be read "AP should provide power-over-ethernet to another device on its auxiliary ethernet port . In case said port with PoE is not avaiable then bidder may provide one no of external POE Injector with the Access point".		Page no. 28 S.no. 14	
210	M/s BIPS Sytems	Access Point	AP shall support minimum antenna gain of 10 dBi for 2.4 GHz radio and 12 dBi for 5 GHz radio for Directional Antenna device	Request to please remove the clause.	With directional antenna the coverage would limit to lesser area, resulting no coverage spread and would qive bad user experience.	May be read as May be read as " AP shall support a minimum gain such that the Wi-Fi signal dissemination is abe to reach a minimum of 150 Ft reach."		Page no. 28 S.no. 15	
211	M/s BIPS Sytems	Access Point	AP shall support LTE co-existence with filter for rejecting interference on 2.4 GHz from adjacent LTE bands 38, 40 in out door deployments	Request to please remove the clause.	Since LTE band is altogether a different frequency band, it does not make disturbance to 2.4 and 5Ghz so does not required.	Accepted		Page no. 28 S.no. 16	
212	M/s BIPS Sytems	Access Point	AP should support up to 255 concurrent client associations						
213	M/s BIPS Sytems	Access Point	AP shall support Hotspot 2.0 (Passpoint)						
214	M/s BIPS Sytems	Access Point	AP shall support WPA-2 (802.11i) security; WPA2-Enterprise (802.1x/EAP) & WPA2- Preshared-keys, Open authentication mechanisms						
215	M/s BIPS Sytems	Access Point	AP shall support MAC authentication for upto 1000 Mac per SSID. MAC authentication data base can be local to AP or at remote RADIUS server						
216	M/s BIPS Sytems	Access Point	AP shall support per client and as well per SSID rate limiting						
217	M/s BIPS Sytems	Access Point	AP shall support Wi-Fi WMM for traffic prioritization and UAPSD for power save.						
218	M/s BIPS Sytems	Access Point	AP shall support airtime fairness						
219	M/s BIPS Sytems	Access Point	AP shall support simultaneously MESH mode to serve MESH connection requirements and also regular WLAN for wireless clients to association						
220	M/s BIPS Sytems	Access Point	AP shall support MESH mode operation both on 2.4 GHz and 5 GHz bands						
221	M/s BIPS Sytems	Access Point	AP shall support Wi-Fi WMM QoS over MESH link						
222	M/s BIPS Sytems	Access Point	AP shall support layer 3 and layer 4 ACLs on MESH link for traffic control						
223	M/s BIPS Sytems	Access Point	AP shall support to drop L2 and L3 multicast and broadcast traffic on MESH link to minimize network congestion						
224	M/s BIPS Sytems	Access Point	AP should be Wi-Fi certified for WMM, WPA2, PMF, 802.11n, 802.11ac						
225	M/s BIPS Sytems	Access Point	FCC, CE EN 60601-1-2 (Medical EMC) UL2043 Plenum rated	Request to please remove the clause.	UL2043 is the norm used for indoor AP and not for the outdoor AP.	May be read as " FCC, CE and EN certified"		Page no. 28 S.no. 30	
226	M/s BIPS Sytems	Access Point	AP shall support wall and pole mounting included						
				Pre Bid Queries from bidders		Response from JaKeGA, IT Department, J&K Government			
	Bidder Name	Product	Queries	Required Modifications	Justification from Bidder	Response from JaKeGA	Justification	Page No & Annexure	
227	M/s SPN Infosystems Brijbala new delhi		Please refer your Tender for Supply, Installation and commissioning of IT Infrastructure for Digital Village center notification no. -03 – JaKeGA of 2019 Dated 03-10-2019, in which the warranty term is not clear whether it is 3 years or 5 years kindly clarify it.			All Hardware and software to have 05 years of Warranty and support from OEM and 05 years on onsite support from sucessful bidder from the date of supply, installation and commissioning.			