

Response to Pre-bid Queries

Request for proposal (RFP) for Selection of Implementing Agency for Supply, Installation, Commissioning and Operations & Maintenance of CCTV Video Surveillance System at Training center of Khalal and Karai on behalf of Office of the Additional Director General of Police (Training), Government of Gujarat. RFP. NO. GIL\Training Center\Video Surveillance\2019-20 DATE: 21.12.2019

Sr. No.	Tender Reference		Query / Clarification / Suggestions from the Vendors	Responses to the Queries
	Page No. / Section No. / Clause No.	Tender Description		
1	Page No. 20/Section 3/ Instructions to Bidders/Article 35/ Payment terms	Successful Delivery and Inspection of Hardware/Equipment at the central location/ Bidder's Warehouse at Gandhinagar /Ahmedabad- 50% of the Sum total of financial bid Successful Installation and commissioning - 30% of the Sum total of financial bid 34.1 Successful Completion of 3 months from completion of the work and training to personnel from THE OFFICE.- 20% of the Sum total financial bid	Successful Delivery, Inspection Installation and Commissioning of Hardware/ Equipment at the central location/ Bidder's Warehouse at Gandhinagar /Ahmedabad and- 90% of the Sum total of financial bid Successful Completion of 3 months from completion of the work and training to personnel from THE OFFICE.	As per RFP
2	Additional	Additional	2) As per BoQ many of the Switches going to Installed in Outdoor Location but the Specification of Switch are not for Outdoor Environment	As per RFP

Sr. No.	Tender Reference		Query / Clarification / Suggestions from the Vendors	Responses to the Queries
	Page No. / Section No. / Clause No.	Tender Description		
3	Additional	Additional	3) For Outdoor Rack No Provision for Power Connection Mention in BoQ.	Bidder have to make arrangement for electrification from the nearest location of electricity point available. Bidder have to quote the rate considering the same. no extra cost will be born by the office for such work
4	Additional	Additional	4) UPS Selected For Project Not Suitable for Outdoor Application	As per RFP
5	Additional	Additional	1) Such huge Number of Camera deployment needs Fiber Topology To Transfer Data From Camera to NVR Like Core / Distribution And Access Layer. In BoQ GIL has considered all Switch of 8 Port with 2 Nos. Of SFP Switches which not fulfill the Connectivity Requirements.	See the changes in the corrigendum
6	Page No 29/Section 4/Technical Specification/4.7 PoE Layer- 2, 08 port Network Switch	1 C) Switch PoE power rating should be 120W for 8 Port	1 C) Switch PoE power rating should be 124W for 8 Port, If we require 15.4W power per port, than consider 123W for 8 port switch. (15.4W X 8 = 123.2W)	As per RFP

Sr. No.	Tender Reference		Query / Clarification / Suggestions from the Vendors	Responses to the Queries
	Page No. / Section No. / Clause No.	Tender Description		
7	Page No 29/Section 4/ Technical Specification/4.7 PoE Layer-2, 08 port Network Switch	1 C) Switch PoE power rating should be 120W for 8 Port	1 C) Switch PoE power rating should be 62W for 8 Port, The dome and the bullet camera consume 6W to 9W PoE power. And even in 8 port switches, not all ports are fully utilized. Therefore, if we need half power PoE switches, consider 62W for the 8 port switch. This will cause a approx. 50% reduction in the switch price.	As per RFP
8	Page No 28 & 29/Section 4/Technical Specification/ 4.6 PoE Layer-2, 24 port Network Switch	14 Duplicate address detection (DAD)	Remove, DAD is used to verify that an IPv6 home address is unique on the LAN before the address is assigned to a physical interface. We are going to configured IP camera with a suitable IP address as per the IP addressing scheme in the Training center. So, request to remove this clause, so that we will get the opportunity to position the optimized cost effective device and not high end devices just due to this clause.	As per RFP
9	Page No 29//Section 4/ Technical Specification/4.7 PoE Layer-2, 08 port Network Switch	14 Duplicate address detection (DAD)	Remove, DAD is used to verify that an IPv6 home address is unique on the LAN before the address is assigned to a physical interface. We are going to configured IP camera with a suitable IP address as per the IP addressing scheme in the Training center. So, request to remove this clause, so that we will get the opportunity to position the optimized cost effective device and not high end devices just due to this clause.	As per RFP
10	Page No 28 & 29/Section 4/Technical Specification/ 4.6 PoE Layer-2, 24 port Network Switch	1 C) Switch PoE power rating should be 320W for 24 Port	1 C) Switch PoE power rating should be 370W for 24 Port. If we require 15.4W power per port, than consider 370W for 24 port switch. (15.4W X 24 = 369.6W)	See the changes in the corrigendum
11	Page No 28 & 29/Section 4/ Technical Specification/4.6 PoE Layer-2, 24 port Network Switch	1 C) Switch PoE power rating should be 320W for 24 Port	1 C) Switch PoE power rating should be 185W for 24 Port, The dome and the bullet camera consume 6W to 9W PoE power. And even in 24 port switches, not all ports are fully utilized. Therefore, if we need half power PoE switches, consider 185W for the 24 port switch. This will cause a approx. 50% reduction in the switch price.	See the changes in the corrigendum

Sr. No.	Tender Reference		Query / Clarification / Suggestions from the Vendors	Responses to the Queries
	Page No. / Section No. / Clause No.	Tender Description		
12	Page No 27/ Section – 4/ Technical Specification/ 4.1 Indoor Fixed Dome Cameras	15. Camera should supplied with internal microphone and 32GB Micro SD/SDHC /SDXC memory card for recording	Specification indicated in the Tender documents are interpreted as the Camera, to be supplied should be loaded with microphone, however as discussed during pre-bid the in-built microphone is not required and it also increases the Cost of the Camera. You are requested to change as Camera with audio IO/Interface.	See the changes in the corrigendum
13	Page No 28/ Section – 4/ Technical Specification/ 4.5 64 Ch Network Video Recorder (NVR)/ Video Recording System with Storage	Support 400 Mbps of incoming Bandwidth, support e-sata and USB	Considering the Industry Standard Bandwidth and Codec requirement for the bandwidth, As each camera consumes max to max 4 Mbps on H.265/H.264, so required max bandwidth should not more than 300Mbps, So we are herewith requesting you kindly consider our request and it should be around 300 Mbps and above.	See the changes in the corrigendum
14	Page No 28/ Section – 4/ Technical Specification/ 4.4 128 Ch Network Video Recorder (NVR)/ Video Recording System with Storage	Support 400 Mbps of incoming Bandwidth	As the required camera & NVR are with H.265 & H.265+ compression technology so that much incoming bandwidth is not require so request to keep it 350 Mbps incoming bandwidth	As per RFP
15	Page No 7/ Section 1/ Eligibility Criteria	OEM criteria	As it is Going to be installed at Police Training Academy which is crucial for state & national security infrastructure, so request to restrict any OEM product which is having any stake by Chinese Government	As per RFP
16	Page No 26/ Section – 4/ Technical Specification/ 4.1 Indoor Fixed Dome Cameras	Alarm In 2 ports & Alarm Out 2 ports	Normally Alarm In 1 port & Alarm Out 1 port require so pls look into this	See the changes in the corrigendum

Sr. No.	Tender Reference		Query / Clarification / Suggestions from the Vendors	Responses to the Queries
	Page No. / Section No. / Clause No.	Tender Description		
17	Page No 26/ Section – 4/ Technical Specification/ 4.1 Indoor Fixed Dome Cameras	Camera should supplied with internal microphone	Normally motorized varifocal camera do not come with Built in Mic so request to look into this	See the changes in the corrigendum
18	Page No 28/ Section – 4/ Technical Specification/4.5 64 Ch Network Video Recorder (NVR)/ Video Recording System with Storage	Support 400 Mbps of incoming Bandwidth	As the required camera & NVR are with H.265 & H.265+ compression technology so that much incoming bandwidth is not require so request to keep it 300 Mbps incoming bandwidth	See the changes in the corrigendum
19	Page No 28 & 29/Section 4/Technical Specification/ 4.6 PoE Layer-2, 24 port Network Switch	a) Switch should have minimum 24 # 10/100/1000 Base-Tx PoE ports Duplex, Full, Half . b) Min. 2 nos. of SFP ports (Unpopulated). c) Switch PoE power rating should be 320W for 24 Port	a) Switch should have minimum 24 # 1G SFP ports b) Min. 4 nos. of SFP+ ports. c) Minimum 8 10/100/1000 Base-T combo Ports As edge we have more than 79 Switch and as per ring topology max 8 Switch can support in single ring, its better to ask more nos of fibre port in central location. Also to take the load of 79 Switch i.e. Approx 8 Ring its better to have 2 Switch at central location to load balance the network.	See the changes in the corrigendum
20	Page No 28 & 29/Section 4/Technical Specification/ 4.6 PoE Layer-2, 24 port Network Switch	Switch should support Port-based and 802.1Q tag-based VLANs, MAC-based VLAN, Guest VLAN, Private VLAN,with multiple uplinks	Switch should support Port-based and 802.1Q tag-based VLANs, MAC-based VLAN, Guest VLAN, Private VLAN,with multiple uplinks, Should support Inter-Vlan routing. As Network going to have multiple ring and star network its better to add Inter – VLAN Routing feature.	See the changes in the corrigendum

Sr. No.	Tender Reference		Query / Clarification / Suggestions from the Vendors	Responses to the Queries
	Page No. / Section No. / Clause No.	Tender Description		
21	Additional	Additional	Qty of 24 Port Switch-02 at Karai	See the changes in the corrigendum
22	Additional	Additional	Qty of MiniGBIC Fiber Module -166 nos at Karai	See the changes in the corrigendum
23	Additional	Additional	Fiber Cable Qty- It should be as on actual as per site and network topology more than 6500mtr cable used at Karai.	See the changes in the corrigendum
24	Page No 28 & 29/Section 4/Technical Specification/ 4.6 PoE Layer-2, 24 port Network Switch	<p>a) Switch should have minimum 24 # 10/100/1000 Base-Tx PoE ports Duplex, Full, Half .</p> <p>b) Min. 2 nos. of SFP ports (Unpopulated).</p> <p>c) Switch PoE power rating should be 320W for 24 Port</p>	<p>a) Switch should have minimum 24 # 1G SFP ports</p> <p>b) Min. 4 nos. of SFP+ ports.</p> <p>c) Minimum 8 10/100/1000 Base-T combo Ports</p> <p>As edge we have more than 79 Switch and as per ring topology max 8 Switch can support in single ring, its better to ask more nos of fibre port in central location. Also to take the load of 79 Switch i.e. Approx 8 Ring its better to have 2 Switch at central location to load balance the network.</p>	See the changes in the corrigendum
25	Page No 28 & 29/Section 4/Technical Specification/ 4.6 PoE Layer-2, 24 port Network Switch	Switch should support Port-based and 802.1Q tag-based VLANs, MAC-based VLAN, Guest VLAN, Private VLAN,with multiple uplinks	<p>Switch should support Port-based and 802.1Q tag-based VLANs, MAC-based VLAN, Guest VLAN, Private VLAN,with multiple uplinks, Should support Inter-Vlan routing.</p> <p>As Network going to have multiple ring and star network its better to add Inter – VLAN Routing feature.</p>	See the changes in the corrigendum
26	Additional	Additional	Qty of 24 Port Switch-02 at Karai	See the changes in the corrigendum
27	Additional	Additional	Qty of MiniGBIC Fiber Module -166 nos at Karai	See the changes in the corrigendum

Sr. No.	Tender Reference		Query / Clarification / Suggestions from the Vendors	Responses to the Queries
	Page No. / Section No. / Clause No.	Tender Description		
28	Additional	Additional	Fiber Cable Qty- It should be as on actual as per site and network topology more than 6500mtr cable used at Karai.	See the changes in the corrigendum