

TECHNICAL CORRIGENDUM – 1

02-07-2021

Establishment & Commissioning of Fibre Optic Network Infrastructure along with Supply, Installation, Testing & Maintenance of 1020 Nos. CCTV Camera to be installed within the Jurisdiction of Kolkata Police under “Nirbhaya Project”

Tender No: WEBEL/EOT/COM/21-22/00011 Dated: 14-06-2021

Section No.	Sub-Section	Page No.	Existing Content/ Queries	Queries from Bidders	Response
Section - G	I,20	49	Resolution: 20 fps (3840 × 2160, 3072 × 1728) ; 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	Resolution: 25 fps (3840 × 2160, 2592 × 1944, 1920 × 1080, 1280 × 720) @ (1-25/30 fps) or better	Accepted
Section - G	II,14	51	10 mm to 1500 mm (wide-tele) or better	10 mm to 1500 mm (wide-tele) or 100mm-1000mm (wide-tele) or better	Accepted
Section - G	III,21	54	100dB or better	80dB – 120dB or better	Accepted
Section - G	III,23	54	CS-Mount, 10.2mm-42mm (optional: 3.6mm-17mm/ 5.3-13 mm / 8-32 mm); C-Mount(with adapter ring needed)	CS-Mount, 10.5mm-42mm (optional: 3.6mm-17mm/ 5.3-13 mm / 8-32 mm); C-Mount(with adapter ring needed)	Accepted

TECHNICAL CORRIGENDUM – 1

02-07-2021

Establishment & Commissioning of Fibre Optic Network Infrastructure along with Supply, Installation, Testing & Maintenance of 1020 Nos. CCTV Camera to be installed within the Jurisdiction of Kolkata Police under “Nirbhaya Project”

Tender No: WEBEL/EOT/COM/21-22/00011 Dated: 14-06-2021

Section No.	Sub-Section	Page No.	Existing Content/ Queries	Queries from Bidders	Response
G		85	Server Specification	The proposed specification is a tentative requirement. However, the server configuration should be proposed as per the required design and functionalities to fulfil the desired requirement.	Accepted
G	II,20	51	Movement Range (Tilt): From -20° to 90° (auto-flip) or better.	Movement Range (Tilt): Movement Range (Tilt): From -15° to 90° (auto-flip) or better	Accepted
G		56	Camera Mounting Accessories 3. Max. read speed 90 MB/s or better	Max. read speed: 50 MB/s or better”,	Accepted
G	I, 5	61	Movement Range (Tilt): Movement Range (Tilt): From -15° to 90° (auto-flip) or better	Movement Range (Tilt): Movement Range (Tilt): From --15° to 90° (auto-flip) or better IP – 30 compliant	Accepted

TECHNICAL CORRIGENDUM – 1

02-07-2021

Establishment & Commissioning of Fibre Optic Network Infrastructure along with Supply, Installation, Testing & Maintenance of 1020 Nos. CCTV Camera to be installed within the Jurisdiction of Kolkata Police under “Nirbhaya Project”

Tender No: WEBEL/EOT/COM/21-22/00011 Dated: 14-06-2021

			Existing Content/ Queries	Queries from Bidders	Response
Section No.	Sub-Section	Page No.			
G	III,15	71	Certifications : CE, FCC, TUV, UL, RoHS compliant ISO 9001:2015, ISO 14001	Certifications: CE, FCC, TUV, UL, RoHS compliant ISO 9001:2015, ISO 14001. Applicable if the module is additionally fitted and not from the same OEM.	Accepted
G	1,3	74	Stack Bandwidth : 480 Gbps and above. At least 10 switches in a stack	Stack Bandwidth : 480 Gbps and above. At least 8 switches in a stack	Accepted
G	1,6	74	DRAM: 8GB, FLASH: 8GB	DRAM : 2GB, FLASH: 2GB or better	Accepted
G	1,1	74	Port : 10/100/1000Base-T * 24 or better & 10 G SFP+ * 12 or better	Port : 1000Base-T * 24 or better & 10 G SFP+ * 8 or better expandable upto 16.	Accepted

TECHNICAL CORRIGENDUM – 1

02-07-2021

Establishment & Commissioning of Fibre Optic Network Infrastructure along with Supply, Installation, Testing & Maintenance of 1020 Nos. CCTV Camera to be installed within the Jurisdiction of Kolkata Police under “Nirbhaya Project”

Tender No: WEBEL/EOT/COM/21-22/00011 Dated: 14-06-2021

Section No.	Sub-Section	Page No.	Existing Content/ Queries	Queries from Bidders	Response
G	1,4	76	Switching Capacity: Non-Blocking (Gbps) : 1200	Switching Capacity: Non-Blocking architecture under fully loaded (all ports loaded & operational) condition	Accepted
G	1,5	76	Forwarding rate: 892 Mpps or Higher	Forwarding rate: Wire-speed performance under fully loaded (all ports loaded & operational) condition	Accepted
G	1,6	76	Throughput (MPPS): 892 Mpps or Higher	Throughput (MPPS): Wire-speed performance under fully loaded (all ports loaded & operational) condition	Accepted
G	1,7	74	DRAM: 8GB, FLASH: 8GB	DRAM: 4GB, FLASH: 4GB or better	Accepted

TECHNICAL CORRIGENDUM – 1

02-07-2021

Establishment & Commissioning of Fibre Optic Network Infrastructure along with Supply, Installation, Testing & Maintenance of 1020 Nos. CCTV Camera to be installed within the Jurisdiction of Kolkata Police under “Nirbhaya Project”

Tender No: WEBEL/EOT/COM/21-22/00011 Dated: 14-06-2021

			Existing Content/ Queries	Queries from Bidders	Response
Section No.	Sub-Section	Page No.			
G	1,14	75	<p>Features : 32MB packet buffer or higher, 802.1x authentication, Access Control List (ACL) support, NAT (Static, Dynamic, PAT)/ VRF, STACK CAPABILITY, DHCP support, Multicast Source Discovery Protocol (MSDP), Information Base (MIB) Flexible NetFlow (FNF) or sFlow or equivalent, FTP client, Full duplex mode, Layer 3 VPN (L3VPN) support, MPLS, Private VLAN, Quality of Service (QoS), Remote Switch Port Analyzer (RSPAN), Source-Specific Multicast (SSM), Spanning Tree Protocol (STP) support, Syslog support, Trunking, Virtual Extensible LAN (VXLAN), VLAN Double Tagging (Q-in-Q), Weighted Random Early Detection (WRED), Support AAA Authentication and Authorization using RADIUS or TACACS+ server ERPS (ITU-T G.8032)</p>	<p>Features : 32MB packet buffer or higher, 802.1x authentication, Access Control List (ACL) support, NAT (Static, Dynamic, PAT)/ VRF, STACK CAPABILITY, DHCP support, Multicast Source Discovery Protocol (MSDP), Information Base (MIB) Flexible NetFlow (FNF) or sFlow or equivalent, FTP client, Full duplex mode, Layer 3 VPN (L3VPN) support, MPLS, Private VLAN, Quality of Service (QoS), Remote Switch Port Analyzer (RSPAN), Source-Specific Multicast (SSM), Spanning Tree Protocol (STP) support, Syslog support, Trunking, Virtual Extensible LAN (VXLAN), VLAN Double Tagging (Q-in-Q), Weighted Random Early Detection (WRED), Support AAA Authentication and Authorization using RADIUS or TACACS+ server ERPS (ITU-T G.8032) or equivalent or similar Protocol/ Functionality is required.</p>	Accepted

TECHNICAL CORRIGENDUM – 1

02-07-2021

Establishment & Commissioning of Fibre Optic Network Infrastructure along with Supply, Installation, Testing & Maintenance of 1020 Nos. CCTV Camera to be installed within the Jurisdiction of Kolkata Police under “Nirbhaya Project”

Tender No: WEBEL/EOT/COM/21-22/00011 Dated: 14-06-2021

			Existing Content/ Queries	Queries from Bidders	Response
Section No.	Sub-Section	Page No.			
G	1, 3	76	Stack Bandwidth: 720 Gbps and above. At least 10 switches in a stack	Stack Bandwidth: 720 Gbps and above. At least 4 switches in a stack or better	Accepted
G	1, 20	76	Features : Access Control List (ACL) support, Strict priority, WRR or equivalent, DHCP support, Flexible NetFlow (FNF) or sFlow or equivalent, Layer 3 VPN (L3VPN) support, MPLS support, Multicast Source Discovery Protocol (MSDP), Private VLAN, Quality of Service (QoS), STP, RSTP, MSTP Remote Switch Port Analyzer (RSPAN), Spanning Tree Protocol (STP) support, Trunking, Virtual Route Redundancy Protocol (VRRP) support, Virtual Routing and Forwarding (VRF), VLAN Double Tagging (Q-in-Q), Weighted Random Early Detection (WRED), SNMPv1, v2c, and v3, Support AAA Authentication and Authorization using RADIUS or TACACS+ server ERPS (ITU-T G.8032)	Features : 32MB packet buffer or higher, 802.1x authentication, Access Control List (ACL) support, NAT (Static, Dynamic, PAT)/ VRF, STACK CAPABILITY, DHCP support, Multicast Source Discovery Protocol (MSDP), Information Base (MIB) Flexible NetFlow (FNF) or sFlow or equivalent, FTP client, Full duplex mode, Layer 3 VPN (L3VPN) support, MPLS, Private VLAN, Quality of Service (QoS), Remote Switch Port Analyzer (RSPAN), Source-Specific Multicast (SSM), Spanning Tree Protocol (STP) support, Syslog support, Trunking, Virtual Extensible LAN (VXLAN), VLAN Double Tagging (Q-in-Q), Weighted Random Early Detection (WRED), Support AAA Authentication and Authorization using RADIUS or TACACS+ server ERPS (ITU-T G.8032) or equivalent or similar Protocol/ Functionality is required.	Accepted

TECHNICAL CORRIGENDUM – 1

02-07-2021

Establishment & Commissioning of Fibre Optic Network Infrastructure along with Supply, Installation, Testing & Maintenance of 1020 Nos. CCTV Camera to be installed within the Jurisdiction of Kolkata Police under “Nirbhaya Project”

Tender No: WEBEL/EOT/COM/21-22/00011 Dated: 14-06-2021

Section No.	Sub-Section	Page No.	Existing Content/ Queries	Queries from Bidders	Response
G	a. I. d.	68	The system should provide a variety of mixed type data storage, video stream, picture, files; it should support distributed direct-streaming storage/ distributed object storage/ distributed file storage/ distributed block storage.	<p>The system should provide a variety of mixed type data storage, video stream, picture, files; it should support direct-streaming storage/ object storage/ file storage/ block storage.</p> <p>The bidder can also provide the total storage solution of three (03) PB in three (03) physical locations with the same features / functionality is described in the tender document.</p>	Accepted
G	a. I. f.	68	The system should support distributed storage technology and should be distributed in 3 data canters physically	<p>The system should support high availability storage technology with no single point of failure and should be distributed in 3 data canters physically.</p> <p>To securely hold 3PB of data (and likely to go up to 10PB or more of data in the subsequent Phases with the increase in the number of cameras), the storage should at least have features like "high availability" and "No single point of failure".</p>	Accepted
G	a. II. D.	68	The Storage should support SSD/SAS(of speed 15K)/NL-SAS and SATA HDD or better at the same time; the storage capacity should be as per the requirement of video analytics system (approx. 100 ch)".	The Storage should support SSD/SAS/NL-SAS and SATA HDD or better at the same time; the storage capacity should be as per the requirement of video analytics system (approx. 100 ch)".	Accepted

TECHNICAL CORRIGENDUM – 1

02-07-2021

Establishment & Commissioning of Fibre Optic Network Infrastructure along with Supply, Installation, Testing & Maintenance of 1020 Nos. CCTV Camera to be installed within the Jurisdiction of Kolkata Police under “Nirbhaya Project”

Tender No: WEBEL/EOT/COM/21-22/00011 Dated: 14-06-2021

Section No.	Sub-Section	Page No.	Existing Content/ Queries	Queries from Bidders	Response
G	a. V. c.	68	The System should support up to 2TB/hour or higher data recovery speed.	The Storage should support non-disruptive recovery of data in case of a disk failure. Adequate number of hot spare drives needs to be provisioned while configuring the storage.	Accepted
B	14, C, X	34	The OEM should be present in the Gartner’s Magic Quadrant for Wired and Wireless Infrastructure for the last 3 consecutive years.	Line Stands deleted	Accepted
B	14, C, XII	34	Switch OEM offered much in steady profitable business in India at least for last 5 financial years (Fy 2016-17 to Fy 2019-20). Bidder shall have to submit audited accounts/auditor certificate in support of their claim.	Switch OEM offered much in steady profitable business in India at least for last 5 financial years (Fy 2015-16 to Fy 2019-20). Bidder shall have to submit audited accounts/auditor certificate in support of their claim.	Accepted
G	1, 2	74	Compliant Standards : IEEE 802.1D, IEEE 802.1p, IEEE 802.1Q, IEEE 802.1s, IEEE, IEEE 802.1ae 802.1w, IEEE 802.1x, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ad (LACP), IEEE 802.3u, IEEE 802.3x	Compliant Standards : IEEE 802.1D, IEEE 802.1p, IEEE 802.1Q, IEEE 802.1s, IEEE 802.1ae or equivalent 802.1w, IEEE 802.1x, IEEE 802.3ab, IEEE 802.3ad (LACP), IEEE 802.3x, ITU-T G.8032	Accepted

TECHNICAL CORRIGENDUM – 1

02-07-2021

Establishment & Commissioning of Fibre Optic Network Infrastructure along with Supply, Installation, Testing & Maintenance of 1020 Nos. CCTV Camera to be installed within the Jurisdiction of Kolkata Police under “Nirbhaya Project”

Tender No: WEBEL/EOT/COM/21-22/00011 Dated: 14-06-2021

Section No.	Sub-Section	Page No.	Existing Content/ Queries	Queries from Bidders	Response
G	I, 2	76	Compliant Standards : IEEE 802.3ae, IEEE 802.1D, IEEE802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.3, IEEE 802.3ab, IEEE 802.1AX (LACP), IEEE 802.3u, IEEE 802.3x	Compliant Standards : IEEE 802.3ae, IEEE 802.1D, IEEE802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.3ab, IEEE 802.1AX (LACP), IEEE 802.3x, ITU-T G.8032	Accepted
G	II, 7	61	1. Power : 12V,0.5A, external AC-DC power adaptor	1. Power : 12V,0.5A - 1.5A, external AC-DC power adaptor	Accepted
G	II, 7	61	Power Consumption : <= 5W Working Voltage - 5V DC	8. Power Consumption : <= 48W Working Voltage – complaint DC Power	Accepted
B	B, iii	33	OEM must have a product delivery experience of minimum 200 KMs of fibre cable against a single order in India. Original Equipment Manufacturer (OEM) should have Average Annual Financial Turnover not less than Rs. 250 Crores for the last three financial years (FY 2017-18, FY 2018-19 & FY 2019-2020).	OEM must have a product delivery experience of minimum 200 KMs of fibre cable against a single order in India in Government/PSU/Large Corporates. Original Equipment Manufacturer (OEM) should have Average Annual Financial Turnover not less than Rs. 250 Crores for the last three financial years (FY 2017-18, FY 2018-19 & FY 2019-2020).	Accepted

TECHNICAL CORRIGENDUM – 1

02-07-2021

Establishment & Commissioning of Fibre Optic Network Infrastructure along with Supply, Installation, Testing & Maintenance of 1020 Nos. CCTV Camera to be installed within the Jurisdiction of Kolkata Police under “Nirbhaya Project”

Tender No: WEBEL/EOT/COM/21-22/00011 Dated: 14-06-2021

Section No.	Sub-Section	Page No.	Existing Content/ Queries	Queries from Bidders	Response
G	VIII, 5	63	1. Max pull force : <14 Kg	2. Max pull force : <=14 Kg	Accepted
B	7	31	The prime bidder should have positive net worth minimum of Rs.5.00 Cr. in each of the last three financial years (FY 2017-18, FY 2018-19 & FY 2019-2020). A certificate from Chartered Accountant specifying the net worth of the company. Relevant documents in this regard needs to be submitted.	The prime bidder should have positive net worth minimum of Rs.3.00 Cr. in each of the last three financial years (FY 2017-18, FY 2018-19 & FY 2019-2020). A certificate from Chartered Accountant specifying the net worth of the company. Relevant documents in this regard needs to be submitted.	Accepted
B	9	31-32	Intended Bidder should have prior experience in one CCTV surveillance systems along with Fibre Optic Network Infrastructure and VMS at least 1 project for Government of India or any of the State/UT Governments, or, Public Sector Units, order value not less than Rs. 32.0 Cr or 2 orders of value not less than Rs. 16.0 Cr each or 3 orders of value not less than Rs. 11.0 Cr each in last 3 financial years (FY 2017-2018, 2018-2019 and 2019-2020). Relevant documents in this regard needs to be submitted.	Intended Bidder should have prior experience in one CCTV surveillance systems and Fibre Optic Network Infrastructure and VMS at least 1 project for Government of India or any of the State/UT Governments, or, Public Sector Units, order value not less than Rs. 15.00 Cr or 2 orders of value not less than Rs. 7.5 Cr each or 3 orders of value not less than Rs. 5.00 Cr each in last 3 financial years (FY 2017-2018, 2018-2019 and 2019-2020). Relevant documents in this regard needs to be submitted. Ongoing projects wherein delivery and installation is completed and O&M phase is been executed is also allowed.	Accepted

TECHNICAL CORRIGENDUM – 1

02-07-2021

Establishment & Commissioning of Fibre Optic Network Infrastructure along with Supply, Installation, Testing & Maintenance of 1020 Nos. CCTV Camera to be installed within the Jurisdiction of Kolkata Police under “Nirbhaya Project”

Tender No: WEBEL/EOT/COM/21-22/00011 Dated: 14-06-2021

Section No.	Sub-Section	Page No.	Existing Content/ Queries	Queries from Bidders	Response
E	2	44	In order to have reasonable control of the CAPEX & OPEX costing it has been envisaged to have CAPEX: OPEX ratio i.e. the total cost of CAPEX amount of the price bid shall not exceed 70% of the total bid cost.	In order to have reasonable control of the CAPEX & OPEX costing it has been envisaged to have CAPEX: OPEX ratio i.e. the total cost of CAPEX amount of the price bid shall not exceed 90% of the total bid cost.	Accepted
	C	6	The bidder shall pay an EMD of Rs. 64,00,000 (Rupees Sixty Four Lakhs only) through Net banking or through RTGS NEFT through the https://wbtenders.gov.in //portal as per G.O 3975-F(Y) dated 28th July, 2016 issued by Finance department Govt. of West Bengal	Requested by bidders to add the provision of BG for the EMD. Also some bidders had requested for exemption for NSIC/MSME companies.	Accepted
Additional Points			Not Applicable	Offered Rack OEM must have Annual Financial Turnover not less than 200Cr for their business in India for the last five financial years and must in steady profitable business for last five financial years (FY 2015-16 to 2019-20). Bidder shall have to submit audited accounts in support to their claim.	Accepted

THE ABOVE CORRIGENDUM IS A PART OF ORIGINAL TENDER DOCUMENT