

WEBEL TECHNOLOGY LIMITED

CORRIGENDUM – I

TENDER NO. WTL/HHA/CCTV/21-22/021 dated 11.10.2021

Sl.	Page	Section	Clause No.	Present Entry	Replace with
1	66	O	CENTAL VIDEO MONITORING SOFTWARE (CVMS) Point No.8	Must support video & record directly to PC on a virtual NVR to reduce overall cost, up to 16 channel.	Must support video & record directly to Work Station / High End Desktop Computer /Storage.
2	67	O	CENTAL VIDEO MONITORING SOFTWARE (CVMS) Point No.15	Must support Windows as well as Mac platform	Must support Windows , Mac(Optional) platform
3	67	O	4MP FIXED LENS BULLET CAMERA (80 m IR range) Point No.3	The camera should be provided with an OEM fitted 3.6mm lens (6/8/12mm optional)	The camera should be provided with an OEM fitted 3.6/4 mm lens (6/8/12mm optional)
4	67	O	4MP FIXED LENS BULLET CAMERA (80 m IR range) Point No.5	H.265+/H.265/H.264+/H.264/H.264H; H.264B; MJPEG	H.265+,H.265,H.264+, H.264 , MJPEG ,H.264H (Optional) , H.264B (Optional)
5	67	O	4MP FIXED LENS BULLET CAMERA (80 m IR range) Point No.10	G.711a/ G.711Mu/ AAC/ G.726 or better	G.711 / G.711a / G.711Mu / G.722.1 / AAC / G.726 / MP3 or better
6	68	O	4MP FIXED LENS BULLET CAMERA (80 m IR range) Point No.27	HTTP; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPv4/v6; SNMP; QoS; UPnP; NTP; ONVIF (Profile S/Profile G/ Profile T);	HTTP; TCP; ARP; RTSP; RTP; UDP; RTCP(Optional) ; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPv4/v6; SNMP; QoS; UPnP; NTP; ONVIF (Profile S/Profile G/ Profile T);
7	69	O	4MP FIXED LENS BULLET CAMERA (80 m IR range) Point No.35	The network camera shall support industry standard Power over Ethernet (PoE) IEEE 802.3af to supply power to the camera over the network and DC12 V to supply local power in case of longer distance where PoE is not possible.	The network camera shall support industry standard Power over Ethernet (PoE) IEEE 802.3af / IEEE 802.3af/at to supply power to the camera over the network and DC12 V to supply local power in case of longer distance where PoE is not possible.
8	69	O	4MP FIXED LENS BULLET CAMERA (80 m IR range) Point No.37	Must support remote monitoring over iPhone, iPad, Android and Windows Phone including desktop/PC	Must support remote monitoring over iPhone, iPad, Android and Windows Phone(Optional) including desktop/PC

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9	69	O	4MP FIXED LENS BULLET CAMERA (80 m IR range) Point No.38	-40 °C to 60 °C / Less than 95% RH	(-30 °C to 60 °C / Less than 95% RH)
Sl.	Page	Section	Clause No.	Present Entry	Replace with
10	69	O	4MP Fixed Dome with Built-in Mic Specification Point No.3	The camera should be provided with an OEM fitted 2.8/3.6mm Board-in Lens	The camera should be provided with an OEM fitted 2.8/3.6/4 mm Board-in Lens
11	69	O	4MP Fixed Dome with Built-in Mic Specification Point No.5	H.265+; H.265; H.264+; H.264; H.264B; MJPEG	H.265+, H.265, H.264+, H.264 , MJPEG , H.264H (Optional) , H.264B (Optional)
12	70	O	4MP Fixed Dome with Built-in Mic Specification Point No.24	HTTP; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPv4/v6; QoS; UPnP; NTP; RTMP; Multicast; HTTPS; SFTP; 802.1x; ICMP; IGMP, ONVIF (Profile S/Profile G); CGI	HTTP; TCP; ARP; RTSP; RTP; UDP; RTCP(Optional); SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPv4/v6; QoS; UPnP; NTP; RTMP; Multicast; HTTPS; SFTP; 802.1x; ICMP; IGMP, ONVIF (Profile S/Profile G); CGI
13	70	O	4MP Fixed Dome with Built-in Mic Specification Point No.30	PSIA, CGI	ONVIF, PSIA(Optional), CGI (Optional)
14	70	O	4MP Fixed Dome with Built-in Mic Specification Point No.31	The network camera shall support industry standard Power over Ethernet (PoE) IEEE 802.3af to supply power to the camera over the network and DC12 V to supply local power in case of longer distance where PoE is not possible.	The network camera shall support industry standard Power over Ethernet (PoE) IEEE 802.3af/ IEEE 802.3af/at to supply power to the camera over the network and DC12 V to supply local power in case of longer distance where PoE is not possible.
15	70	O	4MP Fixed Dome with Built-in Mic Specification Point No.33	Must support remote monitoring over iPhone, iPad, Android and Windows Phone including desktop/PC	Must support remote monitoring over iPhone, iPad, Android and Windows Phone(Optional) including desktop/PC
16	71	O	4MP Motorized Varifocal Bullet Specification (50 mtr IR range) Point No.10	G.711a/ G.711Mu/ AAC/ G.726	G.711 / G.711a / G.711Mu / G.722.1 / AAC / G.726 / MP3 or better
17	72	O	4MP Motorized Varifocal Bullet Specification (50 mtr IR range) Point No.30	1 Port (For adjustment locally without network)	Removed this point.
18	72	O	4MP Motorized Varifocal Bullet	ONVIF, PSIA, CGI	ONVIF, PSIA(Optional), CGI (Optional)

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			Specification (50 mtr IR range) Point No.31		
19	72		4MP Motorized Varifocal Bullet Specification (50 mtr IR range) Point No.35	Must support remote monitoring over iPhone, iPad, Android and Windows Phone including desktop/PC	Must support remote monitoring over iPhone, iPad, Android and Windows Phone(Optional) including desktop/PC
Sl.	Page	Section	Clause No.	Present Entry	Replace with
20	74	O	Point No.06	Must have iSCSU & 2 miniSAS port for storage expansion	Must have iSCSI & 2 mini SAS port for storage expansion
21	74	O	Point No.16	ONVIF 2.4, CGI Conformant	ONVIF 2.4, CGI(Optional) Conformant
22	75	O	Point No.06	Must have iSCSU & miniSAS port for storage expansion	Must have iSCSU & miniSAS port for storage expansion
23	75	O	Point No.07	Must support RAID 0/1/3/4/5/6/10/50/60, JBOD, hotspare for data redundancy from day 1	Must support RAID 0/1/3/4/5/6/10/50, JBOD, hotspare for data redundancy from day 1
24	75	O	Point No.15	ONVIF 2.4, CGI Conformant	ONVIF 2.4, CGI (Optional) Conformant
25	76	O	Point No.11	Smart H.265+/H.265/Smart H.264+/H.264/MJPEG	H.265 , H.264 , H.264+ , H.265+ , MJPEG , Smart H.265+(Optional) , Smart H.264+ (Optional)
26	76	O	Point No.17	Must have 8 Ch In and 6 Ch Out	Must have 8 Ch In and 4 Ch Out
27	76	O	Point No.19	Must support remote monitoring over iPhone, iPad, Android and Windows Phone including desktop/PC	Must support remote monitoring over iPhone, iPad, Android and Windows Phone(Optional) including desktop/PC
28	77	O	Point No.27	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, SNMP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search , ONVIF 2.4, SDK, CGI	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, SNMP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search , ONVIF 2.4, SDK, CGI (Optional)
29	73	O	Point No.06	Must have iSCSU & 2 miniSAS port for storage expansion	Must have iSCSI & 2 miniSAS port for storage expansion
30	73	O	Point No.17	ONVIF 2.4, CGI Conformant	ONVIF 2.4, CGI (Optional) Conformant
31	72	O	Point No.36	Must have minimum 6KV built-in lightning protection	4MP Motorized Varifocal Bullet Specification (50 mtr IR range) Lightning Protection: Must have minimum 4 KV built-in/

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					external lightning protection.
32	69	O	Point No.41	UL, FCC, RoHS, CE, ISO, ONVIF certified	BIS,UL, FCC, RoHS, CE, ISO, ONVIF certified
33	78	O	OEM Eligibility Criteria Point No. 03	The Active networking OEM should have a local own service center within the state of installation and should have technical assistance center.	The Active networking OEM should have a local own service center / own RMA depot within the state of installation (OEM document must be furnished) and should have technical assistance center.
34	78	O	B. Layer 2 PoE Access switch (16 port)	Minimum Specification of Network Video Recorder (NVR) with 8 SATA	Minimum Specification of Layer 2 Managed PoE Access switch (16 port)
Sl.	Page	Section	Clause No.	Present Entry	Replace with
35	78	O	Layer 2 PoE Access Switch (16-Port) Point No. 07	The switch should have minimum 6KV surge protection	The switch should have minimum 4KV surge protection.
36	79	O	Layer 2 PoE Access Switch (8-Port) Point No. 12	The switch should support operating temperature 0 °C to 40 °C & storage temperature -10 °C to 70 °C	The switch should support operating temperature 0 °C to minimum 40 °C & storage temperature -10 °C to 70 °C
37	87	O	CAT 6 UTP Cable specification Point No. 04	Jacket Should be LSZH jacket complying to: Fire rating IEC 60332-3-22 Acid gas IEC 60754-2 Smoke density IEC 61034-2 (Test reports to be submitted with bid for all above tests.)	UTP Cable Jacket Should be LSZH / FRPVC jacket/Equivalent
38	81	O	Work Station Specification Point No. 11	ISO 9001, ISO 14001, ISO 27001 for OEM, Energy star 7.1, EPEAT Certified, TCO, FCC, ROHS and UL certificate.	ISO 9001, ISO 14001, ISO 27001 for OEM, Energy star 7.1, EPEAT Gold India Certified, TCO-08, FCC, ROHS and UL certificate.
39	10,23 80			Windows 10 home	Windows 10 – 64 Bit
40	11			DPR	Tender Document
41	12,25	O		5% spare	Adequate Spare
42	38	E	Point No. 12	On receipt of the Letter of Award/Purchase Order the contractor should submit a Performance Bank Guarantee (PBG) equivalent to 10% of the total contract value within three weeks from the date of receipt of Letter of Award/Purchase Order. The PBG should be valid for six month more than the warranty period. All delivery of the material will have to be completed within 45 days from the date of acceptance of contract and the contractor has to ensure all activities leading to the commissioning of the contract to be completed within 75 days from the date of award.	On receipt of the Letter of Award/Purchase Order the contractor should submit a Performance Bank Guarantee (PBG) equivalent to 3% of the total contract value within three weeks from the date of receipt of Letter of Award/Purchase Order. The PBG should be valid for six month more than the warranty period. All delivery of the material will have to be completed within 45 days from the date of acceptance of contract and the contractor has to ensure all

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				Subsequent to the award of contract, the contractor will have to arrange for the requisite material as per BOM.	activities leading to the commissioning of the contract to be completed within 75 days from the date of award. Subsequent to the award of contract, the contractor will have to arrange for the requisite material as per BOM.
43	43	E	Point No. 35	<p>PERFORMANCE BANK GUARANTEE (PBG) As a guarantee for timely delivery, installation and commissioning of equipment as well as performance of on-site warranty support, as mentioned in Bill of Material, from the date of final acceptance of systems and pertaining to proper running of the systems, the bidder will have to submit 10% of the contract value as security in the form of Performance Bank Guarantee from any nationalized bank as per format enclosed (Section – O).</p>	<p>PERFORMANCE BANK GUARANTEE (PBG) As a guarantee for timely delivery, installation and commissioning of equipment as well as performance of on-site warranty support, as mentioned in Bill of Material, from the date of final acceptance of systems and pertaining to proper running of the systems, the bidder will have to submit 3% of the contract value as security in the form of Performance Bank Guarantee from any nationalized bank as per format enclosed (Section – O).</p>
44	Where present			Work Station	High End Desktop Computer

Sl.	Page	Section	Clause No.	Present Entry	Replace with
45	79	O	C	Layer 2 PoE Access Switch (8-Port)	Layer 2 Managed PoE Access Switch (8-Port)
46	78	O	B	Layer 2 PoE Access Switch (16-Port)	Layer 2 Managed PoE Access Switch (16-Port)

47. Additional Specifications for both 8 port and 16 port Managed PoE switch

- i. Switch should have Static & Dynamic Routing feature from day one.
- ii. The switch should have energy saving technology & with Fan/Fan less design
- iii. Switch should have DHCP Server, SNMPv1v2v3, HTTP & Physical console port from day one.
- iv. Switch should have ERPS ring protection feature from day one

48. Section 'O' : Eligibility Criteria for 6 U Wall mount Rack / 9 U Wall Mount or Floor Mount Rack OEM

SL.	Eligibility Criteria	Compliance with Document
1	The Rack OEM should have valid ISO 9001 & ISO 14001 & ISO 45001 for design & development of networking	

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	products. Documents need to be submitted along with the tender.	
2	The Rack OEM should be in the business in India for last 10 years as on the date of release of the RFP. Document need to be submitted.	
3	The Rack OEM should have Average Annual Financial Turnover not less than 100 Crores in India for each of the last five financial years. Document need to be submitted.	
4	The Rack OEM should have their own sales office & service / own RMA center in West Bengal. OEM declaration / document need to be submitted.	
5	Rack OEM should have one single order of rack for min. 500 nos. from any Govt Dept / PSU / Govt. undertaking within last three financial year. Document need to be submitted.	
6	The OEM must not be blacklisted or banned by any State/Central Government, Semi-Government or PSU and any other GOVT. organization in INDIA.	

49. REVISED COMBINED BILL OF MATERIALS (WBP+KP)
Ref page : 32

1.1 COMBINED BILL OF MATERIALS (WBP+KP)					
Sl.	Item	Unit	WBP BOQ	KP BOQ	Total
1	4MP IP Dome Camera with in-built Audio (IR Range: 30 mts.)	No.	2488	490	2978
2	4MP IP Bullet Verifocal Camera (IR Range: 50 mts.)	No.	0	126	126
3	4MP IP Bullet Camera (IR Range: 80 mts.)	No.	994	0	994
4	48-Bay Video Storage	No.	0	20	20
4a	24-Bay Video Storage	No.	120	8	128
4b	16-Bay Video Storage	No.	127	0	127

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5	8 Channel NVR with 8 Storage bays	No.	13	0	13
6	10TB Enterprise HDD	No.	3862	749	4611
7	Work Station: Intel Ci7, 16GB RAM, 1TB SSD HDD, 4GB GPU, Windows 10	No.	260	24	284
8	2KVA UPS with std. backup	No.	260	0	260
9	32" FHD IPS Display	No.	260	24	284
9a	L2 Smart-managed 16-Port PoE Switch	No.	260	50	310
10	L2 Smart-managed 8-Port PoE Switch	No.	247	50	297
11	Cat6 UTP Cable	Mts.	124340	21000	145340
11a	6U Wall Mount Indoor Networking Rack	No.	501	100	601
12	9U Rack with accessories	No.	260	24	284
13	Network Accessories (Patch Panel, Patch Chord, Keystone Jack, etc.)	Lot	260	24	284
14	20mm PVC Conduit & accessories	Mts.	124340	21000	145340
15	Cable Laying Charges	Mts.	124340	21000	145340
16	Supply, Installation, Testing & Commissioning (SITC) of the Surveillance system	Job	260	24	284
17	Central Video Monitoring Software	License	3482	616	4098
18	Comprehensive Maintenance of Surveillance Infrastructure for addl. two years	Sites	260	24	284
19	3 KVA Online UPS	Nos.	0	24	24