



BANK NOTE PRESS, DEWAS (M. P.)

(आईएसओ : 9001, आईएसओ : 14001 एवं आईएसओ : 2015 प्रमाणित इकाई)

(ISO : 9001, ISO : 14001 & ISO : 2015 Certified Unit) भारत प्रतिभूति मुद्रण तथा मुद्रा निर्माण निगम लिमिटेड की इकाई A Unit of Security Printing & Minting Corporation of India Limited

मिनिरत्न श्रेणी—।, सीपीएसई

(भारत सरकार के पूर्ण स्वामित्वाधीन)

CIN: U22213DL2006G0I144763

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Website: www.bnpdewas.spmcil.com

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> Pin : 455001 (MP) Ph. : 07272-255222

Fax: 07272-255111

Dt:03.03.2022

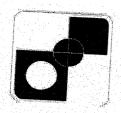
No:6000016991/BNP/P/IT/281 CCTV & ANPR /2021/OT

CORRIGENDUM - V

Sub: Corrigendum to the tender document no. 6000016991/BNP/P/IT/281 CCTV & ANPR /2021/OT, DATED:25.11.2021 for SUPPLY, INSTALLATION, TESTING, COMMISSIONING AND SUPPORT (SITCS) OF 281 NOS. IP BASED CCTV SYSTEM & 06 NOS. ANPR CAMERA ON TURNKEY BASIS WITH 3YEAR WARRANTY AND 5 YEAR CAMC.

With reference to above Tender document, it is informed that the following amendment is hereby authorized in the tender document: -

S.	Reference in Tender	Existing Entries	Read As (Amendment)
No.	Document		
1	SECTION I:		
•	NIT (Pg. No	[기업자 : 1, 10명의 기업자] 	
	4 of Tender		
	Document) &		엄마 그리는 남은 생각 중에 없는데 맛있었다.
	SECTION		
	III: SIT	[''' '' '' '' '' '' '' '' '' '' '' '' '	
	SIT-9, Part-III	[마음화 왕기를 맞지는 이들의 첫 빛자]	
	(Note)	08.03.2022	25.03.2022
	Pg. No11 of		SEWAS (M.P.) * A CO.
	Tender	[발. : : [] [[[[] [] [] [] [] [] [/\$/ A \%
	Document		
	Closing date		8
	for receipt of		\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\
	tenders & Due		
	Date of		SOUND BY GOVE OF WORK
	opening of		
	tenders		
2	Annex -I, Page	a) 4.5-125 mm or more motorized auto	a) 5mm-125 mm or better motorized
	13-14	focus & zoom or better. Remotely it can	auto focus & Zoom or better. Remotely
	PTZ Camera	be done.	it can be done.
	Tech Specs		





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			F : U/2/2-25!
		b) Min illumination: Color – 0.1 lux B/W – 0 lux	Fax: 07272-255 x & b) Min illumination: Color – 0.1 lux & B/W – 0 lux. IR distance – 150 meter or
3	Annon	c) Audio support & Compression: Y G.711/G.726/AAC. Full Duplex.	es. c) Audio support & compression: Para
	Annex – Page 13,15 Page 2M Bullet, PT Camera Tech	have built in Video Motion Detection Active Z Tampering Alarm and ability to a	Intelligent Video: The camera should have built in Video Motion Detection, Active Tampering Alarm and ability to port OEM authorized
4	Annex – I, Camera Tech Specs of 2MP Bullet, 2MP PTZ, 4K and ANPR Camera Pg – 11 to 16 New Point mentioned at f) & g) added.	a) Cyber Security: The camera should have password protection, IP Address filtering, HTTPS encryption, IEE 802. lx network access control Digest authentication.	applications on the edge. Id a) Cyber Security: The camera should have password protection, IP Address filtering, HTTPS encryption, IEEE 802. lx network access control, Digest authentication and User Access lög, Disabling unused protocols. Certification document confirming to Cyber Security requirement shall
	AUNITOR COMMINE		e) Power Supply: POE & AC/DC Supply adapter to be supplied along with. Cameras will have dual power supply i.e. from POE switch as well as AC/DC supply.





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			f) No. of Video Stream — Multiple Stream. Suitable no. of Streams to meet system functional and operation requirement including integration requirement. g) Feature: Defogging
5	Annex – I, Certification parameter of Cameras 4K, 2MP PTZ, 2MP BULLET, ANPR	Certification: UL/EN, CE, BIS	Certification: UL/EN, CE, BIS. Compliance: NDAA Compliant device.
6	Pg-11 to 16 Annex-I, Specification of VMS, Page 21, New Point Added	AND TAOD TO CHARLES	Cyber Security: a) To prevent unauthorized access to the streamed video, the VMS shall have certificate-based HTTPS encrypted data and stream communication between the camera and the Recording Server. This feature is to be enabled during deployment. b) To prevent unauthorized access to the streamed video and other communication data between servers and clients, the VMS shall have certificate-based HTTPS encrypted communication (AES256/128) and required feature is to be enabled during deployment. c) To prevent unauthorized access directly to the recordings, the VMS





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7	Annex-I, Page	Battery Backup: 4 hours at full load	should support media database encryption (AES256/128). Features must be enabled during deployment. d) Providing SSL/TLS Certificate and any other requirement/environment to use encrypted communication is under scope of supplier. Battery Backup: 2 hours at full load
	34, UPS Specs		
3	Annex — I, VMS Specs, Page 21, Point (3) added.	1) Integration: PIDS integration shall be possible list of supported makes to be provided. 2) OPC interface (e.g. Fire Alarm System or any System that support OPC.)	 (1) Integration: PIDS integration shall be possible list of supported makes to be provided. BNP already in process of installation of power Fence Based PIDS wherein both way integration is to be done as per below - a) As per alarm condition in PIDS, video stream has to be provided of relevant camera by VMS system to PIDS system so that PIDS system can show pop-up with video stream in its software window. b) As per alarm condition (defined in PIDS, for example repetitive intrusion, single intrusion) send by PIDS system, VMS system shall enlarge pop-up screen of concerned camera feed in video wall. (2) OPC interface (e.g. Fire Alarm System or any





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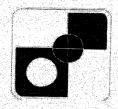
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			(3) ACS (Access Control System) Integration: VMS shall provide concerned camera feed to ACS system upon getting custom alarm condition such as but not limited to access granted, access denied, repetitive access denial in short duration etc. Make & Model of ACS System, PIDS will be provided as per mail request individually. Due to security reasons it is not mentioned herein this document.
9	Sec VI, 2. Period of Contract	Schedule of supply and commissioning shall be 120days from date of award of Purchase order.	Schedule of supply and commissioning shall be 150 days from date of award of Purchase order.
10	Page 14, Tender Document, SCC-4 (i)	100% Payment shall be released after receipt of entire materials, inspection & acceptance at BNP Dewas store, successfully SUPPLY, INSTALLATION, TESTING, COMMISSIONING AND SUPPORT (SITCS) OF 281 NOS. IP BASED CCTV SYSTEM & 06 NO.S ANPR CAMERA ON TURNKEY BASIS WITH 3YEAR WARRANTY AND 5YEAR CAMC in satisfactory condition & Final acceptance certificate at BNP submission of bill and certification of the bill by the Officer Incharge /User Department within 30 days	100% payment shall be released after successful supply, installation, testing, commissioning, and acceptance of the project at BNP Dewas
11	Section IX Point 1(b) of Tender pg no.22	The bidder firm must have an annual Capacity to Design, supply, installed and commissioned	The bidder firm must have an annual Capacity to Design, supply, install and commission.







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12	1, Point 2.10	Supplier & offered system must adhere to the Company IT Policy.	Supplier & offered system must adhere to the Company IT Policy i.e., ISMS (Information Security Management System). IT Policy is based on requirement of ISO 27001: 2013 standard or latest, Latest NCIIPC control guidelines including ICS (Industrial Control System) / SCADA (Supervisory Control and Data Acquisition) systems and NISPG (National Information Security Policy Guidelines) of MHA.
13	Annex I, Page 26, Video Wall Specs	a) Video Wall Controller H/W along with 20 LED Panel	a) Video Wall Controller H/W along with 14 LED Panel
		b) Screen Qty: 20 screens of size 40inch-43inch" LED in 2x10 Matrix	b) Screen Qty: 14 screens of size 55" LED in 2x7 Matrix
		c)Intel Xeon i7 64-bit processor with 16GB RAM or better; 1 TB HDD or more	c)Suitable processor with RAM, HDD to meet functional and operational requirement.
		d) Very narrow & bezel (<1mm) CCTV Monitor suitable for continuous (24x7x365) use with MTBF of more than 80,000 Hrs;	d) Very narrow & bezel to bezel (<=2.5mm) all side CCTV Monitor suitable for continuous (24x7x365). 500 nits or more brightness. Anti-glare.
14	Page 10, Annex-I, Point 6.35	a) 16. Video wall hardware & software along with 40"- 43" LED Panel (20 nos.) with all accessories for erection and mount and associated cables and hardware	a) 16. Video wall hardware & software along with 55" LED Panel (14 nos.) with all accessories for erection and mount and associated cables and hardware
		b) 19. L2 Access Switch 24 Port POE+ with SFP	b) 19. L2 Access/Distribution Switch 24 Port
15	Price Schedule, Page 27 Tender Doc	a) Video wall hardware & software along with 40"- 43" LED Panel (20 nos.) with all accessories for erection	a) Video wall hardware & software along with 55" LED Panel (14 nos.) with all accessories for erection and





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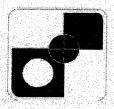
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		and mount and associated cables and hardware	mount and associated cables and hardware
		b) L2 Access Switch 24 Port POE+ with SFP	b) L2 Access/Distribution Switch 24
16	Section XIV, Tender Doc Manufacturer's Authorization Form Pg no.32	Para: "We further confirm that no supplier or firm or individual other than, Manufactured by us."	Para stands dropped.
17	Annex-I, Page 20, VMS Specs	Live Video Storage – 171 cameras for 7 nos. of days under RAID 6	Live Video Storage – 287 cameras for 7 nos. of days under RAID 6
18	Annex-I, Page 28, Network video recording server redundant	 a) Internal Storage: Live Video Storage 45 cameras for 7 nos. of days under RAID 6. SAS (7.2K or better RPM) b) RAID Controller: Dual for Redundance 	a) Internal Storage: Live Video Storage – 45 cameras for 7 nos. of days under RAID 6 per NVR. SAS (7.2K or better RPM)
	Network video recording server	c) Processor: Intel Xeon Processor 2.8 GHz – 2 nos. or better	b) RAID Controller: Dedicated performance class RAID controller (no software-based RAID controller).
		d) Network Interface – 4nos. of 1 Gbps or better	c) Processor: Dual Intel Xeon Sliver 2 nd /3 rd Gen or better, 10 or more cores per processor, Freq-2.8Ghz or more to meet the complete system performance and functional requirement.
			CPU utilization shall not be more than 75%.
			d) Network Interface – 2 nos. of 10GbE or better to meet system performance
19	Annex-I, Page 27,	a) Processor: Intel Xeon Processor 2.8 GHz – 2 nos. or better	a) Processor: Dual Intel Xeon Sliver 2 nd /3 rd Gen or better, 10 or more cores per





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	Management application server & Hot standby Management application server	 b) RAID Controller: Dual for Redundancy c) Network Interface – 4nos. of 1 Gbps or better d) Software: Server – client-based 	processor, Freq-2.8Ghz or more to meet the complete system performance and functional requirement. CPU utilization shall not be more than 75%. b) RAID Controller: Dedicated
		antivirus. Server antivirus software 1license with 20 client licenses for entire duration of contact. (i.e. Endpoint Protection Software)	performance class RAID controller (no software-based RAID controller).
		e) NVR Support: Support up to 20 NVR.	c) Network Interface – 2 nos. of 10GbE or better to meet system performance
			d) Software: Server – Endpoint Protection Software
			e) NVR Support: Support 20 NVR or more
20	Annex-I, Page 27, Analytics Server Specs	 a) Processor: Intel Xeon Processor 2.8 GHz - 2 or more b) Network Interface – 4nos. of 1 Gbps or better 	a) Processor: Dual Intel Xeon Sliver 2 nd /3 rd Gen or better, 10 or more cores per processor, Freq-2.8Ghz or more to meet the complete system performance and functional requirement.
			CPU utilization shall not be more than 75%.
			b) Network Interface – 2 nos. of 10GbE or better to meet system performance.
21	Page 7, Annex -1, Point 6.9	The proposed solution should allow BNP Official to locally & centrally	The proposed solution should allow BNP Official to locally & centrally
	Authorization of the state of t	monitor facilities from a remote location over LAN on a portable/Fixed Personal Computer.	monitor facilities from a remote location over LAN on a portable/Fixed Personal Computer. It should have functionality software/application for Role base

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			access of CCTV viewing/playback to Senior Management at CHO, New Delhi. Providing required speed VPN link is under scope of BNP.
22	Page 32, Annex I, Tech specs L3 Core Switch	Physical Port:24 nos. 10/100/1000 copper ports	Physical Port: 24 nos. or more. Port combination of SFP/10G/1G/SFP+ ports as per system network design. Including SFP module of same make as of Switch.
23	Page 33, Annex I, Tech Specs L2 Switch	Physical Port:24 nos. 10/100/1000 copper ports	Physical Port: 24 nos. or more. Port combination of SFP/10G/1G/SFP+ ports as per system network design. Including SFP module of same make as of Switch.
24	Annex I, Tech Specs, New Point 6.36 added, Page 36	New Point	6.36 All Windows OS shall be provided with retail/volume license valid key. OEM/Embedded key are not Acceptable
	Annex I, Tech Specs, New Point 6.37 added, Page 36		Detailed Solution Design document to be provided as part of technical bid covering following features – 1) System Design 2) Network Topology 3) Bandwidth Management 4) Servers Architecture and Placement 5) Storage Schema and Connectivity 6) Archival Procedure and Policy 7) Integration solution with ACS and PIDS. 8) Domain Server, AV server Placement and architecture 9) Passive Components to be reused 10) Testing & Review Process 11) Migration Plan





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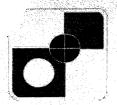
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26	Dogo 26 AT	ANTENZINIA	
20	Page 36, AV Item Heading	ANTIVIRUS ENDPOINT PROTECTION SOFTWARE (01 nos. management license with 35 client(endpoint) license)	ANTIVIRUS ENDPOINT PROTECTION SOFTWARE (01 nos. management license with 3 client(endpoint) license) for Window Environment
27	Page 30, Annex-I, SAN Storage	Cache: The system should have minimum 16GB usable cache	Cache: The system should have minimum 16GB cache
28	Page 40, Annex I, Spares	15.2No. of Cameras as spares – 05 nos., 1 no. of 24 Port L2 Managed Switch, 2 Nos. of 8 port Switch, Media Converter – 05 nos., Patch Cables – 10 pcs, MCCBS -15 nos.	15.2No. of Cameras as spares – 05 nos. 1 no. of 24 Port L2 Managed Switch, 2 Nos. of 8 port Switch, Media Converter – 05 nos., Patch Cables – 10 pcs MCCBS -15 nos., LED TV 55" – 01 no
	Page 5, Annex I, Point 4.30	SEGNIS (M.P.) * AUNITO	4.30 Cable(s) (OFC, Power, CAT6) shall be laid in underground, trenches, ducts, channels, tunnels, on racks, trays, in HDPE PLB pipes along structure or buildings as per the site conditions. The cable shall be laid in underground trenches through GI pipe specially when laid through rail crossing, road crossing, hard standing etc. The underground cables should be laid in depth of at least 1 meter from the ground surface. The cable should be laid on the bed of sand. Afterwards the laid cable should be covered with conditioned bricks followed by layer of sand. Finally, the dugged trench should be filled back with soil.





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30	Page 41,	During warranty & CAMC Period,	During warranty & CAMC Period,
	Annex I,	Defective HDD i.e. Hard Disk (Not	Defective HDD i.e. Hard Disk
	Point 17.13	in RAID Configuration)	has to be changed with working one on non-replacement basis. Defective
		has to be changed with working	HDD will be kept with BNP.
		one on non-replacement basis.	
	inger at the first first All Indiana and the first first	Defective HDD (non- RAID) will	
		be kept with BNP.	

All other terms & conditions will remain same & unaltered as per Tender Document 6000016991. (This is issued with the approval of Competent Authority).

Yours faithfully,

Diganta Kumar Deka Additional General Manager (Materials),

Bank Note Press, Dewas (M.R.)

अपर महाप्रबंधक (सामग्री) बंक नोट मुंद्रणालग्, देवास् (म.प्र.)

